

NM1-11

C-138

Date: 1995

04047

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter <u>Doug Fourn</u>	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator <u>EL PASO NATURAL GAS</u>	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site <u>VARIOUS PITS</u>	
7. Originating Location of Material (Street Address or ULSTR) <u>SEE ATTACHED LIST, ALSO Described below</u>	8. State <u>New Mexico</u>	
9. Check One ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for Transportation: <u>MARCH 1995</u>		

BRIEF DESCRIPTION OF THE MATERIAL:

Contaminated soil from various dehydrator pits and drip pits in the State of New Mexico.

3/1/95	Lot 2B-34	90cy	LF#2 N-14
3/15/95	K-32 Line Drip	40cy	LF#2 O-16

RECEIVED
MAY 12 1995
OIL CON. DIV.
DIST. 3

Estimated Volume _____ yd³ Known Volume (to be entered by the operator at the end of the haul): 130cy yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 3/31/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Danny G. Fourn TITLE Geologist DATE 5/12/95

APPROVED BY Erica Bush TITLE " DATE "

CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: A List of pit closure sites is attached. March 1995

Source: Various dehydrator and drip pits in the state of New Mexico.

Disposal Location: Envirotech Soil Remediation Facility, (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned as the agent for the El Paso Natural Gas Company
concur with the status of the waste from the subject site.

Name Sandra D. Miller

Title/Agency SR. Enviromental Scientist
El Paso Natural Gas Company

Address P.O. Box 4900
Farmington New Mexico 87499-99

Signature *Sandra D Miller*

Date April 13, 1995

RECEIVED APR 14 1995

ENVIROTE

01-Mar-95	N/A		Lat 2B-34	20-27-11-I
15-Mar-95	N/A		K-32 Line Drip	04-26-06-A

04065

REQUEST FOR APPRO. TO ACCEPT SOLID WASTE

XXXXXXXXXXXXXXXXXXXXXXXXXXXX

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	4. Generator Pool Drilling
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Name of Originating Site Cortez Yard
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, New Mexico 87401	6. Name of Transporter Envirotech
7. Location of Material (Street Address or ULSTR) 23378 CR G, Cortez, Co. 81321	8. State New Mexico from Colorado.
9. Check One ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Dates(s) for Transportation: 12/44	

BRIEF DESCRIPTION OF THE MATERIAL:

Soil contaminated from motor oil and fuel spills around drill rigs.

TCLP Enclosed

RECEIVED
JAN 04 1995
OIL CON. DIV.
DIST. 3

RECEIVED
DEC 20 1994
OIL CON. DIV.
DIST. 3

Special permission
due to regulation changes.

Estimated Volume 10cy yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert M. Young TITLE Land Farm Supervisor DATE 12/2/94

TYPE OR PRINT NAME Robert M. Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Foust TITLE Geologist DATE 12/20/94

APPROVED BY Chris E. ... TITLE GEOLOGIST DATE 12/28/94

CONDITIONS OF APPROVAL IF ANY:

04065

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	4. Generator <i>Poor Drilling</i>	
2. Destination <i>Land Farm # 2 Envirotech Soil Remediation Facility</i>	5. Name of Originating Site <i>Cortez Yard</i>	
3. Address of Facility Operator <i>5796 US Hwy. 64-3014 Farmington, New Mexico 87401</i>	6. Name of Transporter <i>Envirotech</i>	
7. Location of Material (Street Address or ULSTR) <i>23378 CR G, Cortez, Co. 81321</i>	8. State <i>New Mexico From Colorado.</i>	
9. Check One ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for Transportation: <i>12/94</i> BRIEF DESCRIPTION OF THE MATERIAL:		

Soil contaminated from motor oil and Fuel spills around drill rigs.

TCLP Enclosed

RECEIVED
DEC 20 1994
OIL CON. DIV.
DIST. 3

Estimated Volume 10cy yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Robert M. Young* TITLE Land Farm Supervisor DATE 12/2/94

TYPE OR PRINT NAME Robert M. Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY *Denny G. Faint* TITLE Geologist DATE 12/20/94

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS
OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: Pool Drilling, Carter Colorado
Source: Yard Clean Up of Minor Motor Oil AND FUEL SPILLS AROUND DRILL RIGS
Disposal Location: Envirotech Soil Remediation Facility, (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

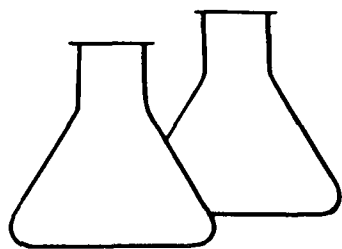
I, the undersigned, as the agent for Pool Company
concur with the status of the waste from the subject site.

Name Ray W. Nay
Title/Agency District Manager
Pool Company
Address Box 4336
Williston, ND 58802
Signature Ray W. Nay
Date 12/19/94

CHAIN OF CUSTODY RECORD

Client/Project Name <i>POOL DRILLING 04065</i>			Project Location <i>Cortez Colorado</i>		ANALYSIS/PARAMETERS							
Sampler: (Signature) <i>Robert Thompson</i>			Chain of Custody Tape No.		No. of Containers <i>1</i>	<i>PCRA IEN CODE FULLY</i>	<i>TRUP w/ Post HARD</i>					Remarks <i>Yard Clean-up</i>
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix								
<i>5-Point Composite</i>	<i>10/24/94</i>	<i>1030</i>	<i>8007</i>	<i>SOIL</i>								
Inquired by: (Signature) <i>Robert Thompson</i>			Date <i>10/24/94</i>	Time <i>1045</i>	Received by: (Signature)					Date	Time	
Relinquished by: (Signature)					Received by: (Signature)							
Relinquished by: (Signature)					Received by: (Signature)							

ENVIROTECH INC.
 5796 U.S. Highway 64-3014
 Farmington, New Mexico 87401
 (505) 632-0615



ENVIROTECH LABS

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

EPA METHODS 8010/8020 AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	Pool Drilling	Project #:	04065
Sample ID:	yard clean up	Date Reported:	11-21-94
Laboratory Number:	8007TCLP.	Date Sampled:	10-24-94
Sample Matrix:	Soil	Date Received:	10-24-94
Preservative:	Cool	Date Extracted:	10-31-94
Condition:	Cool & Intact	Date Analyzed:	11-08-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
1,1-Dichloroethene	ND	0.018	0.7
2-Butanone	ND	0.013	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.007	0.5
Tetrachloroethene	ND	0.006	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromochloromethane	111 %
	Bromofluorobenzene	96 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.
Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

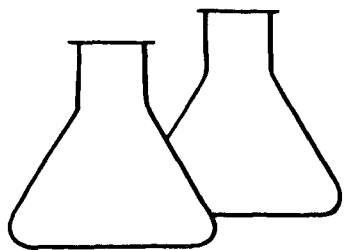
Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Pool Drilling Cortez, Colorado. Yard clean-up

Ret. L. Gaffin
Analyst

Stacy W. Sander
Review



ENVIROTECH LABS

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

EPA METHOD 8040 PHENOLS

Client:	Pool Drilling	Project #:	04065
Sample ID:	5 point comp	Date Reported:	11-22-94
Laboratory Number:	8007TCA.	Date Sampled:	10-24-94
Sample Matrix:	Soil	Date Received:	10-24-94
Preservative:	Cool	Date Extracted:	10-31-94
Condition:	Cool & Intact	Date Analyzed:	11-17-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	0.032	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	98 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

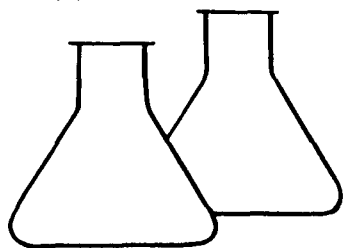
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Pool Drilling, Cortez, Colorado

Rex L. Haffin
Analyst

Mary W. Sordler
Review



ENVIROTECH LABS

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

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	Pool Drilling	Project #:	04065
Sample ID:	#1 unknown spill	Date Reported:	11-22-94
Laboratory Number:	8007BNTC.	Date Sampled:	10-24-94
Sample Matrix:	Soil	Date Received:	10-24-94
Preservative:	NA	Date Extracted:	10-31-94
Condition:	NA	Date Analyzed:	11-21-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.024	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	113 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Pool Drilling, Cortez, Colorado. yard clean up

Ray L. Gaffin
Analyst

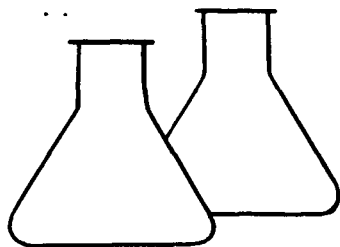
Steve W. Sindle
Review

ENVIROTECH LABORATORIES

5796 U.S. HIGHWAY 64-3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

QUALITY ASSURANCE/QUALITY CONTROL

DOCUMENTATION



ENV RO' ECH LABS

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

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	11-21-94
Laboratory Number:	1108TCV.BLK	Date Sampled:	NA
Sample Matrix:	Water	Date Received:	NA
Preservative:	NA	Date Analyzed:	11-08-94
Condition:	NA	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
2-Butanone	ND	0.013	200
1,1-Dichloroethene	ND	0.018	0.7
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.007	0.5
Tetrachloroethene	ND	0.006	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromochloromethane	103 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992

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

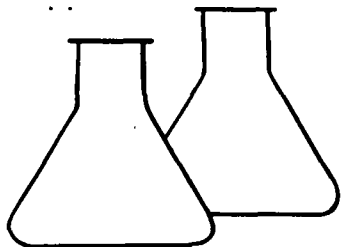
Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 7986, 8007, 8009, 8011, 8020, 8038

Rex L. Duffin
Analyst

Stacy W. Junder
Review



ENVIRO' ECH LABS

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

** QUALITY ASSURANCE REPORT MATRIX DUPLICATE
EPA METHOD 8010/8020 AROMATIC VOLATILE/HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:
Sample ID:	Duplicate Sample	Date Reported: 11-21-94
Laboratory Number:	7986DUP.	Date Sampled:
Sample Matrix:	Soil	Date Received:
Analysis Requested:	TCLP	Date Analyzed: 11-08-94
Condition:	NA	

Parameter	Sample Result (ug/L)	Duplicate Sample Result (ug/L)	Percent Difference
Vinyl Chloride	ND	ND	0.0
1,1-Dichloroethene	ND	ND	0.0
2-Butanone	ND	ND	0.0
Chloroform	ND	ND	0.0
Carbon Tetrachloride	ND	ND	0.0
Benzene	ND	ND	0.0
1,2-Dichloroethane	ND	ND	0.0
Trichloroethene	ND	ND	0.0
Tetrachloroethene	ND	ND	0.0
Chlorobenzene	ND	ND	0.0
1,4-Dichlorobenzene	ND	ND	0.0

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

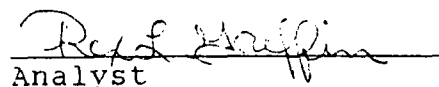
Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

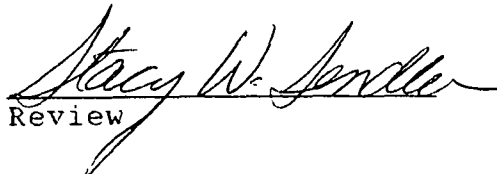
Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.

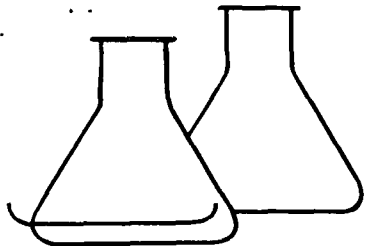
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples: 7986, 8007, 8009, 8011, 8020, 8038


Analyst


Review



ENV RO' ECH LABS

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

EPA METHOD 8040 PHENOLS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	11-21-94
Laboratory Number:	1117TCA.BLK	Date Sampled:	NA
Sample Matrix:	2-Propanol	Date Received:	NA
Preservative:	NA	Date Analyzed:	11-17-94
Condition:	NA	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	99 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

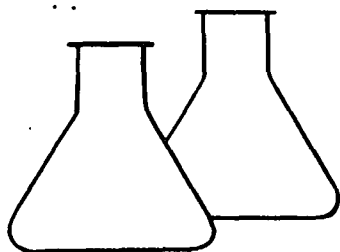
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8011, 8020, 8038, 8099

Ref. L. Hoffman
Analyst

Harry W. Sandler
Review



ENV RO' ECH LABS

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

**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE**
EPA METHOD 8040 PHENOLS

Client:		Project #:	
Sample ID:	Duplicate sample	Date Reported:	11-22-94
Laboratory Number:	7986TCA	Date Sampled:	
Sample Matrix:	Soil	Date Received:	
Preservative:	Cool	Date Analyzed:	11-19-94
Condition:	Cool & intact	Analysis Requested:	TCLP

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Percent Difference
o-Cresol	ND	ND	0.0
cresol	ND	ND	0.0
2,4,6-Trichlorophenol	ND	ND	0.0
2,4,5-Trichlorophenol	ND	ND	0.0
Pentachlorophenol	0.037	0.030	19.0

QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

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

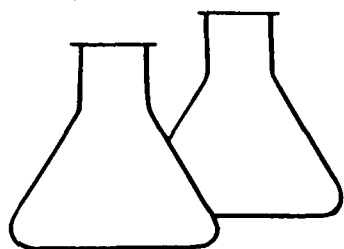
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8020, 8020, 8038, 8099

Rep L. Griffin
Analyst

Stacy W. Jordan
Review



ENVIROTECH LABS

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

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	11-21-94
Laboratory Number:	1121BNTC.BLK	Date Sampled:	NA
Sample Matrix:	Hexane	Date Received:	NA
Preservative:	NA	Date Extracted:	NA
Condition:	NA	Date Analyzed:	11-21-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.024	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	95 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

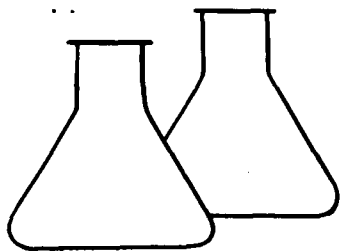
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8011, 8020, 8038, 8099

Rex L. Griffin
Analyst

Steve W. Janda
Review



ENV RO' ECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

** QUALITY ASSURANCE REPORT MATRIX DUPLICATE
EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:		Project #:	
Sample ID:	Duplicate sample	Date Reported:	11-22-94
Laboratory Number:	8099 BNTC	Date Sampled:	
Sample Matrix:	Soil	Date Received:	
Preservative:	Cool	Date Analyzed:	11-21-94
Condition:	Cool & intact	Analysis Requested:	TCLP

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Percent Difference
Pyridine	ND	ND	0.0
Hexachloroethane	0.064	0.064	0.0
Nitrobenzene	ND	ND	0.0
Hexachlorobutadiene	ND	ND	0.0
2,4-Dinitrotoluene	ND	ND	0.0
Hexachlorobenzene	ND	ND	0.0

QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

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.

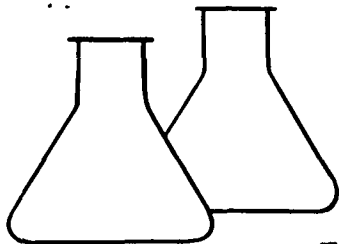
Comments: QA/QC for 7986, 8007, 8009, 8020, 8020, 8038, 8099

Rex L. Guffin
Analyst

Hay W. Jender
Review

CHAIN OF CUSTODY RECORD

Client/Project Name POOL DRILLING 041065			Project Location Cortez Colorado		ANALYSIS/PARAMETERS							
Sampler: (Signature) <i>Robert H. Hargis</i>			Chain of Custody Tape No.		No. of Containers 1	RCRA IS-N CORE FURN	TCLP w/ No. Per Need					Remarks Yard Clean-up
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix								
5-Point Composite	10/24/94	1030	8007	SOIL								
Relinquished by: (Signature) <i>Robert H. Hargis</i>			Date 10/24/94	Time 1045	Received by: (Signature)					Date	Time	
Relinquished by: (Signature)					Received by: (Signature)							
Relinquished by: (Signature)					Received by: (Signature)							
ENVIROTECH INC. 5796 U.S. Highway 64-3014 Farmington, New Mexico 87401 (505) 632-0615												



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EPA METHOD 1311

TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	Pool Drilling	Project #:	04065
Sample ID:	Yard Clean-up	Date Reported:	11-18-94
Laboratory Number:	8007	Date Sampled:	10-24-94
Sample Matrix:	Soil	Date Received:	10-24-94
Preservative:	Cool	Date Analyzed:	11-18-94
Condition:	Cool & Intact	Date Extracted:	10-24-94
Chain of Custody:	3973	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
ARSENIC	ND	0.01	5.000
BARIUM	0.79	0.5	100.0
CADMIUM	0.26	0.04	1.000
CHROMIUM	0.010	0.01	5.000
LEAD	0.53	0.001	5.000
MERCURY	0.005	0.002	0.200
SELENIUM	ND	0.01	1.000
SILVER	0.01	0.01	5.00

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

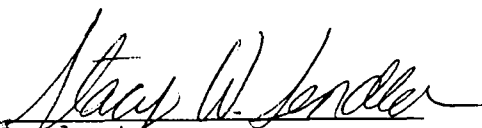
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

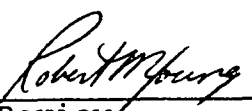
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Cortez, CO - 5 point composite.


Analyst

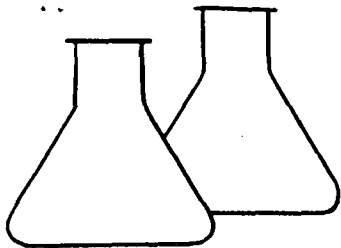

Review

ENVIROTECH LABORATORIES

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FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

QUALITY ASSURANCE/QUALITY CONTROL

DOCUMENTATION



ENV RO TECH LABS

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

TRACE METAL ANALYSIS - BLANKS

Client:	NA	Project #:	NA
Sample ID:	Blanks 10-24-94	Date Reported:	11-18-94
Laboratory Number:	MB1024	Date Sampled:	NA
Sample Matrix:	Liquid	Date Received:	NA
Preservative:	Cool	Date Analyzed:	11-18-94
Condition:	NA	Analysis Needed:	TCLP Metals
		Date Extracted:	10-24-94

Parameter	Instrument Blank (mg/L)	Method Blank (mg/L)	Det. Limit (mg/L)
ARSENIC	ND	ND	0.01
BARIUM	ND	ND	0.5
CADMIUM	ND	ND	0.04
CHROMIUM	ND	ND	0.01
LEAD	ND	ND	0.001
MERCURY	ND	ND	0.002
SELENIUM	ND	ND	0.01
SILVER	ND	ND	0.01

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, Sept. 1992

Methods 7060A, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA, 1992

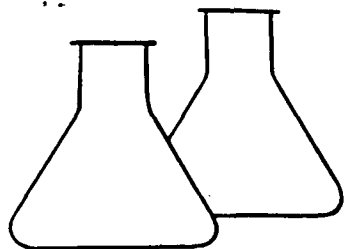
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND - Parameter not detected at the stated detection limit.

Comments: Lab Nos. 7986, 8007, 8009, 8011, 8020, 8038, QCCCK1026.


Analyst


Review



ENV RO' ECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

QUALITY ASSURANCE REPORT

TRACE METAL ANALYSIS - MATRIX SPIKE

Client:	NA	Project #:	NA
Sample ID:	7986 SPK	Date Reported:	11-18-94
Laboratory Number:	7986	Date Sampled:	NA
Sample Matrix:	Liquid	Date Received:	NA
Analysis Requested:	Trace Metals	Date Analyzed:	11-18-94
Condition:	NA		

Parameter	Spike Added (mg/L)	Sample Result (mg/L)	Spiked Sample Result (mg/L)	Percent Recovery
ARSENIC	0.1000	ND	0.12	120
BARIUM	10.00	ND	10.1	101
CADMIUM	1.0000	0.23	0.92	69
CHROMIUM	0.1000	0.01	0.13	120
LEAD	0.1000	0.02	0.12	100
MERCURY	0.1000	ND	0.08	80
SELENIUM	0.1000	ND	0.07	70
SILVER	1.000	0.02	0.95	93

QA ACCEPTANCE CRITERIA:	Parameter	Acceptance Range %
	Trace Metals	80 - 120

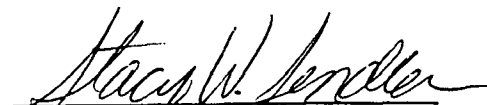
Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

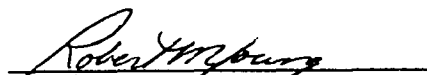
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

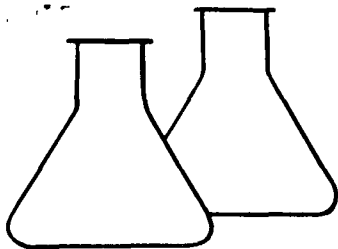
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND - Parameter not detected at the stated detection limit.

Comments: Spike recoveries for Cadmium and Selenium are slightly low.


Analyst


Review



ENV RO' ECH LABS

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

SUSPECTED HAZARDOUS & SOLID WASTE ANALYSIS

Client:	Pool Drilling	Project #:	04065
Sample ID:	Yard Clean-up	Date Reported:	11-21-94
Lab ID#:	8007	Date Sampled:	10-24-94
Sample Matrix:	Soil	Date Received:	10-24-94
Preservative:	Cool	Date Analyzed:	10-24-94
Condition:	Cool & Intact		

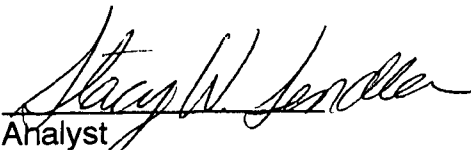
IGNITABILITY: Did not ignite upon direct contact with flame.

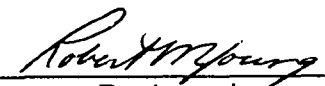
CORROSIVITY: pH of 7.81

REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: $\leq$ pH 2 or $\geq$ pH 12.5 is hazardous waste
Cortez, CO.


Analyst


Reviewed

92132

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter ENVIROTECH	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator HALLIBURTON SERVICES	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site FARMINGTON YARD	
7. Originating Location of Material (Street Address or ULSTR) 4109 E. MAIN, FARMINGTON, NM 87401	8. State NEW MEXICO	

9. Check One
- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
 - ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
 - ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Date(s) for Transportation: 4/95

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation OF SOLIDS GENERATED FROM WASH BAY OPERATION
AT FARMINGTON YARD (4109 E. MAIN) TCLP ENCLOSED.

RECEIVED
APR - 3 1995
OIL CON. DIV.
DIST. 3

RECEIVED
MAR 28 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 50 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Stacy W. Hendler for RMY TITLE Land Farm Supervisor DATE 3/7/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Dennis G. Fount TITLE Geologist DATE 3/28/95

APPROVED BY Roger Anderson TITLE Env Bureau Chief DATE 3/30/95

CONDITIONS OF APPROVAL, IF ANY:

SF 3/28/95

92132

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☐ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter ENVIROTECH	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator HALLIBURTON SERVICES	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site FARMINGTON YARD	
7. Originating Location of Material (Street Address or ULSTR) 4109 E. MAIN, FARMINGTON, NM 87401	8. State NEW MEXICO	

9. Check One

- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Date(s) for Transportation: 4/95

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation OF SOLIDS GENERATED FROM WASH BAY OPERATION
AT FARMINGTON YARD (4109 E. MAIN) TCLP ENCLOSED.

RECEIVED
MAR 28 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 50 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Stacy W. Lender for RMY TITLE Land Farm Supervisor DATE 3/7/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Fount TITLE Geologist DATE 3/28/95

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Santa Fe 3/28/95

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: HALLIBURTON SERVICES, 4109 E. MAIN, FARMINGTON, N.M.

Source: WASH BAY SOLIDS

Disposal Location: Envirotech Soil Remediation Facility, (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Halliburton
concur with the status of the waste from the subject site.

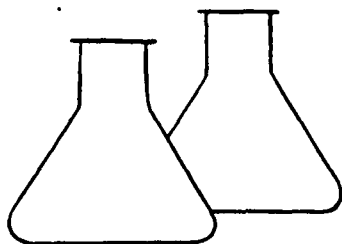
Name Noel Hermanson

Title/Agency service operator

Address 4109 E. main

Signature Noel Hermanson

Date 3-10-95



ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

SUSPECTED HAZARDOUS & SOLID WASTE ANALYSIS

Client:	Halliburton	Project #:	92132
Sample ID:	Wash Bay Solids	Date Reported:	11-21-94
Lab ID#:	7986	Date Sampled:	10-18-94
Sample Matrix:	Soil	Date Received:	10-18-94
Preservative:	Cool	Date Analyzed:	10-24-94
Condition:	Cool & Intact		

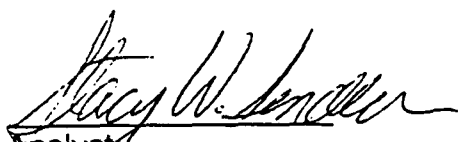
IGNITABILITY: Did not ignite upon direct contact with flame.

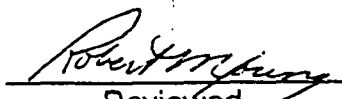
CORROSIVITY: pH of 7.45

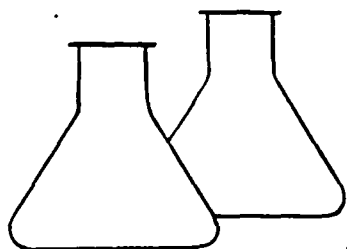
REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: $\leq$ pH 2 or $\geq$ pH 12.5 is hazardous waste
4109 E. Main, Farmington, NM.


Analyst


Reviewed



ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 1311

TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	Halliburton	Project #:	92132
Sample ID:	Wash Bay Solids	Date Reported:	11-18-94
Laboratory Number:	7986	Date Sampled:	10-18-94
Sample Matrix:	Soil	Date Received:	10-18-94
Preservative:	Cool	Date Analyzed:	11-18-94
Condition:	Cool & Intact	Date Extracted:	10-24-94
Chain of Custody:	3964	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
ARSENIC	ND	0.01	5.000
BARIUM	ND	0.5	100.0
CADMIUM	0.23	0.04	1.000
CHROMIUM	0.013	0.01	5.000
LEAD	0.019	0.001	5.000
MERCURY	ND	0.002	0.200
SELENIUM	ND	0.01	1.000
SILVER	0.02	0.01	5.00

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

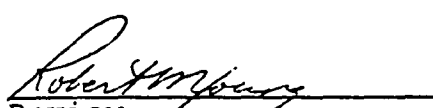
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

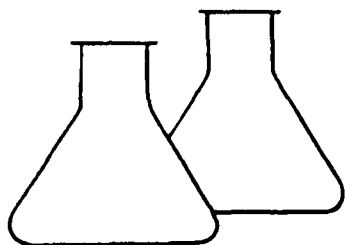
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: 4109 E. Main, Farmington, NM - Composite.


Analyst


Review



ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHODS 8010/8020 AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	Halliburton	Project #:	92132
Sample ID:	#1 wash bay	Date Reported:	11-21-94
Laboratory Number:	7986TCLP.	Date Sampled:	10-18-94
Sample Matrix:	Soil	Date Received:	10-18-94
Preservative:	Cool	Date Extracted:	10-24-94
Condition:	Cool & Intact	Date Analyzed:	11-08-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
1,1-Dichloroethene	ND	0.018	0.7
2-Butanone	ND	0.013	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.007	0.5
Tetrachloroethene	ND	0.006	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

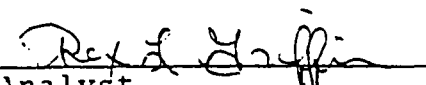
SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromochloromethane	89 %

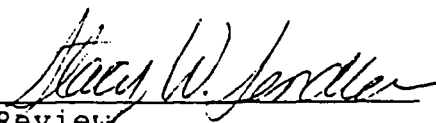
Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

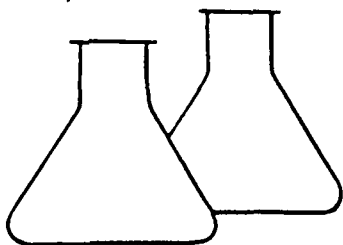
Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Halliburton Services Co. 4109 East Main, Farmington


Analyst


Review



ENVIROTECH LABS

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

EPA METHOD 8040 PHENOLS

Client:	Halliburton	Project #:	NA
Sample ID:	#1 wash bay	Date Reported:	11-22-94
Laboratory Number:	7986TCA.	Date Sampled:	NA
Sample Matrix:	Soil	Date Received:	NA
Preservative:	Cool	Date Extracted:	10-24-94
Condition:	Cool & Intact	Date Analyzed:	11-17-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	0.037	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	92 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

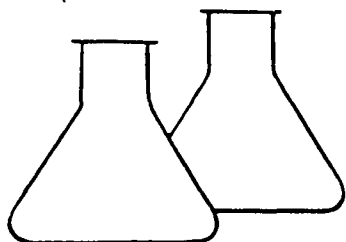
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Halliburton Services Co. #1 wash bay solids comp

Paul L. Giffin
Analyst

Harry W. Jendler
Review



ENVIROTECH LABS

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

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	Halliburton	Project #:	92132
Sample ID:	1 wash bay	Date Reported:	11-22-94
Laboratory Number:	7986BNTC.	Date Sampled:	10-18-94
Sample Matrix:	Soil	Date Received:	10-18-94
Preservative:	NA	Date Extracted:	10-24-94
Condition:	NA	Date Analyzed:	11-21-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.024	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	102 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Halliburton Services Co. 4109 east Main, Framington

Ray D. Griffin
Analyst

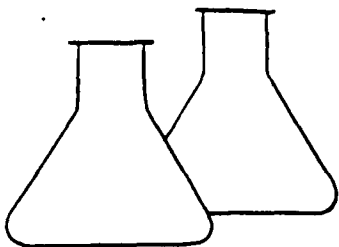
Kathy W. Senneker
Review

ENVIROTECH LABORATORIES

5796 U.S. HIGHWAY 64-3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

QUALITY ASSURANCE/QUALITY CONTROL

DOCUMENTATION



ENVIROTECH LABS

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

TRACE METAL ANALYSIS - BLANKS

Client:	NA	Project #:	NA
Sample ID:	Blanks 10-24-94	Date Reported:	11-18-94
Laboratory Number:	MB1024	Date Sampled:	NA
Sample Matrix:	Liquid	Date Received:	NA
Preservative:	Cool	Date Analyzed:	11-18-94
Condition:	NA	Analysis Needed:	TCLP Metals
		Date Extracted:	10-24-94

Parameter	Instrument Blank (mg/L)	Method Blank (mg/L)	Det. Limit (mg/L)
ARSENIC	ND	ND	0.01
BARIUM	ND	ND	0.5
CADMIUM	ND	ND	0.04
CHROMIUM	ND	ND	0.01
LEAD	ND	ND	0.001
MERCURY	ND	ND	0.002
SELENIUM	ND	ND	0.01
SILVER	ND	ND	0.01

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, Sept. 1992

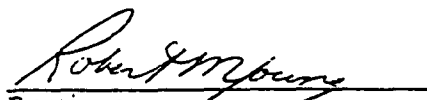
Methods 7060A, 7080, 7131, 7191, 7470, 7421, 7740, 7760A Analysis of Metals by GFAA and FLAA, SW-846, USEPA, 1992

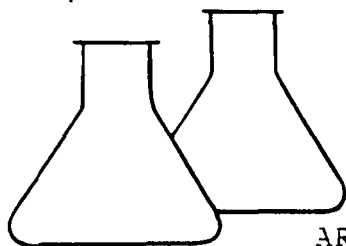
Method 1311, Toxicity Characteristic Leaching Procedure SW-846, USEPA, July 1992.

ND - Parameter not detected at the stated detection limit.

Comments: Lab Nos. 7986, 8007, 8009, 8011, 8020, 8038, QCCK1026.


Analyst


Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615 • FAX: (505) 632-1865

AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	11-21-94
Laboratory Number:	1108TCV.BLK	Date Sampled:	NA
Sample Matrix:	Water	Date Received:	NA
Preservative:	NA	Date Analyzed:	11-08-94
Condition:	NA	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
2-Butanone	ND	0.013	200
1,1-Dichloroethene	ND	0.018	0.7
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.007	0.5
Tetrachloroethene	ND	0.006	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromochloromethane	103 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992

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

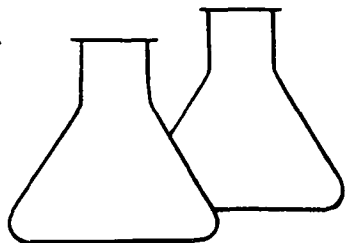
Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 7986, 8007, 8009, 8011, 8020, 8038

Rev. L. Daffin
Analyst

Steve W. Jendle
Review



ENVIROTECH LABS

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

EPA METHOD 8040 PHENOLS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	11-21-94
Laboratory Number:	1117TCA.BLK	Date Sampled:	NA
Sample Matrix:	2-Propanol	Date Received:	NA
Preservative:	NA	Date Analyzed:	11-17-94
Condition:	NA	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	99 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

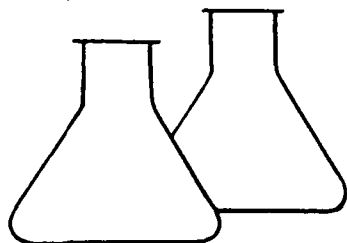
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8011, 8020, 8038, 8099

Rex L. Griffin
Analyst

Greg W. Smith
Review



ENVIROTECH LABS

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

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	11-21-94
Laboratory Number:	1121BNTC.BLK	Date Sampled:	NA
Sample Matrix:	Hexane	Date Received:	NA
Preservative:	NA	Date Extracted:	NA
Condition:	NA	Date Analyzed:	11-21-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.024	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	95 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

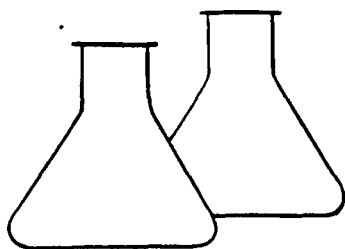
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8011, 8020, 8038, 8099

Ref. L. Hoffman
Analyst

Stacy W. Anderson
Review



ENVIROTECH LABS

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

** QUALITY ASSURANCE REPORT MATRIX DUPLICATE
EPA METHOD 8010/8020 AROMATIC VOLATILE/HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:
Sample ID:	Duplicate Sample	Date Reported: 11-21-94
Laboratory Number:	7986DUP.	Date Sampled:
Sample Matrix:	Soil	Date Received:
Analysis Requested:	TCLP	Date Analyzed: 11-08-94
Condition:	NA	

Parameter	Sample Result (ug/L)	Duplicate Sample Result (ug/L)	Percent Difference
Vinyl Chloride	ND	ND	0.0
1,1-Dichloroethene	ND	ND	0.0
2-Butanone	ND	ND	0.0
Chloroform	ND	ND	0.0
Carbon Tetrachloride	ND	ND	0.0
Benzene	ND	ND	0.0
1,2-Dichloroethane	ND	ND	0.0
Trichloroethene	ND	ND	0.0
Tetrachloroethene	ND	ND	0.0
Chlorobenzene	ND	ND	0.0
1,4-Dichlorobenzene	ND	ND	0.0

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.

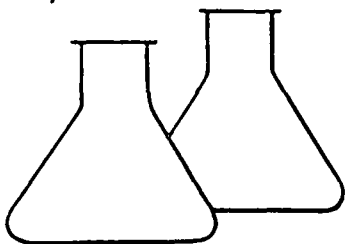
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples: 7986, 8007, 8009, 8011, 8020, 8038

Rex L. Driffin
Analyst

Stacy W. Sweller
Review



ENVIROTECH LABS

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

** QUALITY ASSURANCE REPORT MATRIX DUPLICATE
EPA METHOD 8040 PHENOLS

Client:		Project #:	
Sample ID:	Duplicate sample	Date Reported:	11-22-94
Laboratory Number:	7986TCA	Date Sampled:	
Sample Matrix:	Soil	Date Received:	
Preservative:	Cool	Date Analyzed:	11-19-94
Condition:	Cool & intact	Analysis Requested:	TCLP

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Percent Difference
o-Cresol	ND	ND	0.0
cresol	ND	ND	0.0
2,4,6-Trichlorophenol	ND	ND	0.0
2,4,5-Trichlorophenol	ND	ND	0.0
Pentachlorophenol	0.037	0.030	19.0

QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

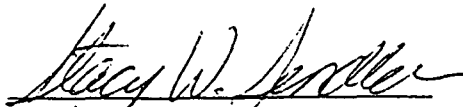
Method: Method 5030, Purge-and-Trap, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

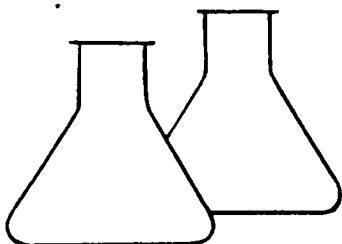
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8020, 8020, 8038, 8099


Analyst


Review



ENVIROTECH LABS

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

** QUALITY ASSURANCE REPORT MATRIX DUPLICATE
EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:		Project #:	
Sample ID:	Duplicate sample	Date Reported:	11-22-94
Laboratory Number:	8099 BNTC	Date Sampled:	
Sample Matrix:	Soil	Date Received:	
Preservative:	Cool	Date Analyzed:	11-21-94
Condition:	Cool & intact	Analysis Requested:	TCLP

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Percent Difference
Pyridine	ND	ND	0.0
Hexachloroethane	0.064	0.064	0.0
Nitrobenzene	ND	ND	0.0
Hexachlorobutadiene	ND	ND	0.0
2,4-Dinitrotoluene	ND	ND	0.0
Hexachlorobenzene	ND	ND	0.0

QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

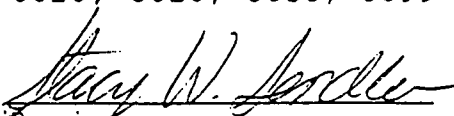
Method: Method 5030, Purge-and-Trap, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

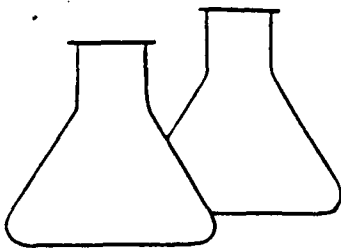
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8020, 8020, 8038, 8099


Analyst


Review



ENVIROTECH LABS

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

TRACE METAL ANALYSIS - MATRIX SPIKE

Client:	NA	Project #:	NA
Sample ID:	7986 SPK	Date Reported:	11-18-94
Laboratory Number:	7986	Date Sampled:	NA
Sample Matrix:	Liquid	Date Received:	NA
Analysis Requested:	Trace Metals	Date Analyzed:	11-18-94
Condition:	NA		

Parameter	Spike Added (mg/L)	Sample Result (mg/L)	Spiked Sample Result (mg/L)	Percent Recovery
ARSENIC	0.1000	ND	0.12	120
BARIUM	10.00	ND	10.1	101
CADMIUM	1.0000	0.23	0.92	69
CHROMIUM	0.1000	0.01	0.13	120
LEAD	0.1000	0.02	0.12	100
MERCURY	0.1000	ND	0.08	80
SELENIUM	0.1000	ND	0.07	70
SILVER	1.000	0.02	0.95	93

QA ACCEPTANCE CRITERIA:	Parameter	Acceptance Range %
	Trace Metals	80 - 120

Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

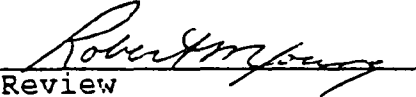
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND - Parameter not detected at the stated detection limit.

Comments: Spike recoveries for Cadmium and Selenium are slightly low.


Analyst


Review

CHAIN OF CUSTODY RECORD

San Juan repro Form 576-01

CHAIN OF CUSTODY RECORD

ENVIROTECH INC.

San Juan record Form 578-81

91327-01

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ OIL CONSERVATION DIVISION Verbal Approval Received: Yes ☐ No ☒ RECEIVED (Submitting this form for oilfield exempt waste is optional)	40 Name of Transporter Envirotech	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator Weatherford-Homco	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site Weatherford-Homco Main Yard	
7. Originating Location of Material (Street Address or ULSTR) 5432 US Hwy 64- 87401 (Farmington, NM)	8. State New Mexico	
9. Check One ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport Projected Date(s) for Transportation: 4/95 BRIEF DESCRIPTION OF THE MATERIAL:		

Wash bay Solids and Sludge from washing oilfield equipment.

Sent to OGD
3/22/95RECEIVED
MAR 30 1995OIL CON. DIV.
DIST. 3
RECEIVED
MAR 24 1995OIL CON. DIV.
DIST. 3Estimated Volume 10 wet barrels to be stabilized in blending Facility. yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 3/24/95TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Fount TITLE Geologist DATE 3/24/95APPROVED BY Eugene Anderson TITLE Env. Bureau Chief DATE 3/27/95CONDITIONS OF APPROVAL, IF ANY: weatherford acquired Homco is discharge permit valid

91327-01

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter <i>ENVIROTECH</i>	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator <i>Weatherford-Homeco</i>	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site <i>Weatherford-Homeco Main Yard</i>	
7. Originating Location of Material (Street Address or ULSTR) <i>5432 US Hwy 64- 87401 (Farmington, NM)</i>	8. State <i>New Mexico</i>	
9. <u>Check One</u> ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for Transportation: <i>4/95</i> BRIEF DESCRIPTION OF THE MATERIAL:		

Wash bay Solids and Sludge from washing oilfield equipment.

*Sent to OCD
3/22/95*

RECEIVED
MAR 24 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 10 wet barrels to be stabilized in blending Facility. yd³ Known Volume (to be entered by the operator at the end of the haul): yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Robert Young* TITLE Land Farm Supervisor DATE 3/24/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY *Denny G. Fount* TITLE Geologist DATE 3/24/95

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: *Weatherford bought Homeco is discharge permit valid.*

Santa Fe 3/24/95

91327-01

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: Weatherford
Source: Sump Waste
Disposal Location: Envirotech Soil Remediation Facility, (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Weatherford
concur with the status of the waste from the subject site.

Name Roger Carl
Title/Agency Loc. Supervisor
Address PO 2544
Signature Roger Carl
Date 3-22-95

ENVIROTECH INC.

91327-01

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

March 21, 1995

Mr. Roger Covell
Location Supervisor
Weatherford-HomeCo, Inc.
5432 U. S. Highway 64
Farmington, New Mexico 87499

Dear Mr. Covell,

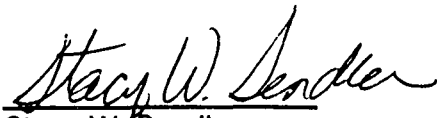
Enclosed are the analytical results for the sample of wash bay sump sludge collected from the Farmington, New Mexico location on 02/15/95. One 5 point composite sample was collected by Envirotech personnel and delivered to the Envirotech laboratory for Hazardous Waste Characterization analysis. The sample was documented on Envirotech Chain of Custody No. 4111, and assigned Laboratory No. 8220 for tracking purposes.

Results of the analysis indicate that this material is not a characteristic hazardous waste as defined by 40 CFR, Section 261, Subpart C. This material is therefore acceptable for disposal at the Envirotech Soil Remediation Facility (ESRF), Landfarm #2 located at Hilltop, New Mexico. A Certificate of Waste Status is enclosed and must be completed and received by Envirotech prior to transportation of the wash bay sludge to the ESRF. A fax copy is acceptable ((505) 632-1865). Documentation will then be submitted to the New Mexico Oil Conservation Division (NMOCD) for approval. Receipt of NMOCD approval can be expected in approximately two weeks, after which the material can be transported to the ESRF.

Results of this TCLP analysis are valid for one year from the date the sample was collected, and will expire on February 15, 1996.

Should you have any questions or require additional information, please do not hesitate to contact us at (505) 632-0615. It has been our pleasure doing business with you, and we hope you will consider Envirotech, Inc. for any of your future environmental contracting needs.

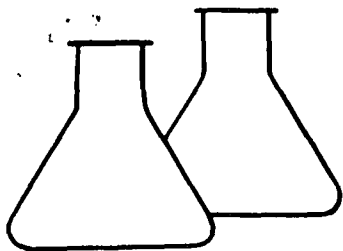
Respectively submitted,
Envirotech, Inc.


Stacy W. Sandler
Environmental Scientist

enc.
SWS/sws

91327-01/TCLP.lb1

*west
10 barrels*



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SUSPECTED HAZARDOUS & SOLID WASTE ANALYSIS

Client:	Weatherford	Project #:	91327-01
Sample ID:	Sump Sludge	Date Reported:	03-06-95
Lab ID#:	8220	Date Sampled:	02-15-95
Sample Matrix:	Soil	Date Received:	02-15-95
Preservative:	Cool	Date Analyzed:	02-16-95
Condition:	Cool & Intact	Chain of Custody:	4111

IGNITABILITY: Did not ignite upon direct contact with flame.

CORROSIVITY: pH of 10.23

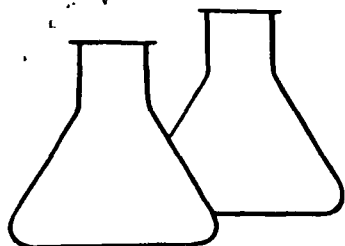
REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: $\leq$ pH 2 or $\geq$ pH 12.5 is hazardous waste. Farmington, NM.
5 Point Composite of Sump Sludge and Storage Barrels.


Analyst


Reviewed



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EPA METHODS 8010/8020 AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	Weatherford	Project #:	91327-01
Sample ID:	Sump Sludge	Date Reported:	03-07-95
Laboratory Number:	8220	Date Sampled:	02-15-95
Chain of Custody:	4111	Date Received:	02-15-95
Sample Matrix:	Soil	Date Extracted:	02-16-95
Preservative:	Cool	Date Analyzed:	03-02-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.006	0.2
1,1-Dichloroethene	ND	0.006	0.7
2-Butanone	0.010	0.006	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.005	0.7
Chlorobenzene	0.024	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	112 %
	Bromofluorobenzene	115 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

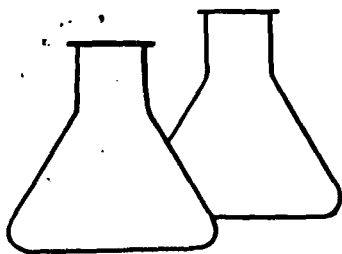
Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

ND = Parameter not detected at the stated detection limit.

Comments: 5 Point Composite of Sump Sludge and Storage Barrels.
Farmington, NM.

Nathan Jones
Analyst

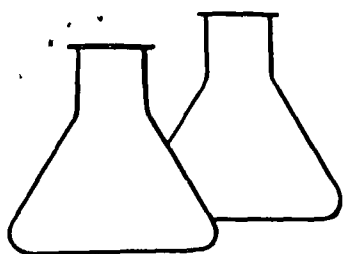
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AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	03-07-95
Laboratory Number:	0302TVLB	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	NA	Date Analyzed:	03-02-95
Condition:	NA	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.006	0.2
2-Butanone	ND	0.006	200
1,1-Dichloroethene	ND	0.006	0.7
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.005	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	96 %
	Bromofluorobenzene	107 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992

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

Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992.

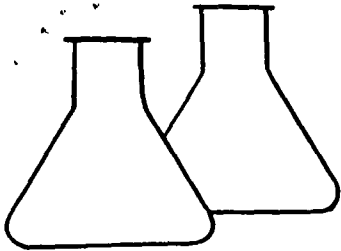
ND = Parameter not detected at the stated detection limit.

N/A = Not Applicable.

Comments: QA/QC for samples 8206, 8213-82, 822

Nathan Spence
Analyst

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AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	Matrix Blank	Date Reported:	03-07-95
Laboratory Number:	0302TVMB	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	NA	Date Analyzed:	03-02-95
Condition:	NA	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.006	0.2
2-Butanone	ND	0.006	200
1,1-Dichloroethene	ND	0.006	0.7
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.005	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:

Parameter	Percent Recovery
Trifluorotoluene	109 %
Bromofluorobenzene	116 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992

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

Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992.

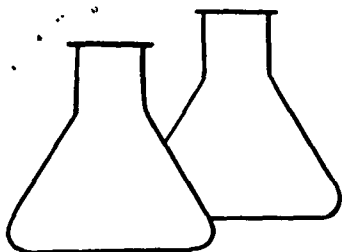
ND = Parameter not detected at the stated detection limit.

N/A = Not Applicable.

Comments: QA/QC for samples 8206, 8213-8216, 8220.

Nathan Spencer
Analyst

Steve W. Snyder
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**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE**
EPA METHOD 8010/8020 AROMATIC VOLATILE/HALOGENATED VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	Duplicate Sample	Date Reported:	03-07-95
Laboratory Number:	8206	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	03-02-95
Condition:	N/A		

Parameter	Duplicate		Detection Limits (mg/L)	Percent Difference
	Sample Result (mg/L)	Sample Result (mg/L)		
Vinyl Chloride	ND	ND	0.006	0.0
1,1-Dichloroethene	ND	ND	0.006	0.0
2-Butanone	ND	ND	0.006	0.0
Chloroform	ND	ND	0.005	0.0
Carbon Tetrachloride	ND	ND	0.005	0.0
Benzene	ND	ND	0.005	0.0
1,2-Dichloroethane	ND	ND	0.005	0.0
Trichloroethene	ND	ND	0.005	0.0
Tetrachloroethene	ND	ND	0.005	0.0
Chlorobenzene	0.041	0.044	0.005	7.1
1,4-Dichlorobenzene	ND	ND	0.005	0.0

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.

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

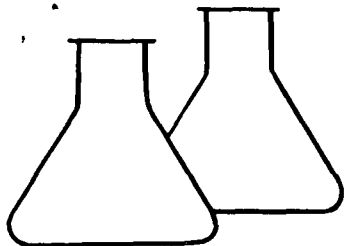
ND = Parameter not detected at the stated detection limit.

N/A = Not Applicable.

Comments: QA/QC for samples 8206, 8213-8216, 8220.

Nathan Spence
Analyst

Stacy W. Smoller
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EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	Weatherford	Project #:	91327-01
Sample ID:	Sump Sludge	Date Reported:	03-03-95
Laboratory Number:	8220	Date Sampled:	02-15-95
Chain of Custody:	4111	Date Received:	02-15-95
Sample Matrix:	Soil	Date Extracted:	02-16-95
Preservative:	Cool	Date Analyzed:	03-02-95
Condition:	Cool and Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	0.062	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	98 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986.

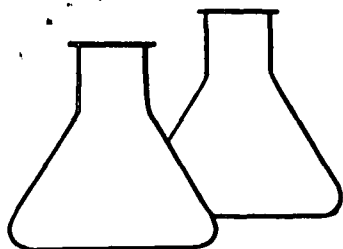
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND - Parameter not detected at the stated detection limit.

Comments: 5 Point Composite of Sump Sludge and Storage Barrels.
Farmington, NM.

Natte Spanca
Analyst

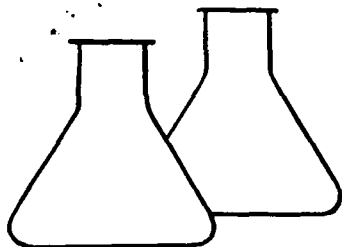
Steve W. J. J. J.
Review



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EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	N/A	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	03-03-95
Laboratory Number:	0302TBLB	Date Sampled:	N/A
Sample Matrix:	Hexane	Date Received:	N/A
Preservative:	N/A	Date Extracted:	N/A
Condition:	N/A	Date Analyzed:	03-02-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	109 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

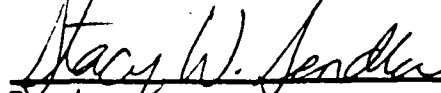
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

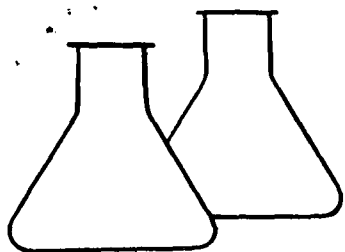
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.
N/A - Not Applicable.

Comments: QA/QC for samples 8191, 8206, 8213 - 8216, 8220.


Analyst


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EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Blank	Date Reported:	03-03-95
Laboratory Number:	0219TBMB	Date Sampled:	N/A
Chain of Custody:	N/A	Date Received:	N/A
Sample Matrix:	Soil	Date Extracted:	02-19-95
Preservative:	Cool	Date Analyzed:	03-02-95
Condition:	Cool and Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	102 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986.

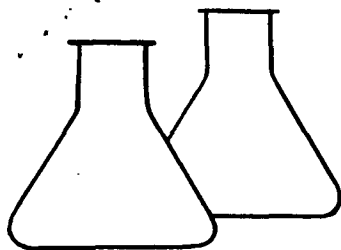
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND = Parameter not detected at the stated detection limit.
N/A = Not Applicable.

Comments: QA/QC for samples 8206, 8213 - 8216, 8220.

Nathan Spencer
Analyst

Hacy W. Soder
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**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE**
EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	QA/QC	Project #:	N/A
Sample ID:	Duplicate Sample	Date Reported:	03-03-95
Laboratory Number:	8206	Date Sampled:	02-08-95
Sample Matrix:	Soil	Date Received:	02-09-95
Preservative:	Cool	Date Extracted:	02-16-95
Condition:	Cool & intact	Date Analyzed:	03-02-95
		Analysis Requested:	TCLP

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference
Pyridine	ND	ND	0.0
Hexachloroethane	0.088	0.106	18.6
Nitrobenzene	ND	ND	0.0
Hexachlorobutadiene	ND	ND	0.0
2,4-Dinitrotoluene	ND	ND	0.0
Hexachlorobenzene	ND	ND	0.0

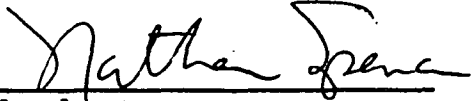
QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

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

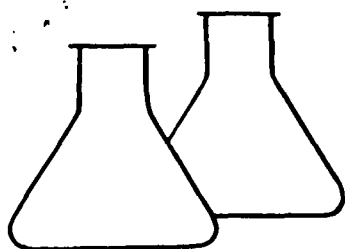
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8191, 8206, 8213 - 8216, 8220.


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EPA METHOD 8040 PHENOLS

Client:	Weatherford Co.	Project #:	91327.0
Sample ID:	Sump Sludge	Date Reported:	02-27-95
Laboratory Number:	8220	Date Sampled:	02-15-95
Chain of Custody:	4111	Date Received:	02-15-95
Sample Matrix:	Soil	Date Extracted:	02-16-95
Preservative:	Cool	Date Analyzed:	02-24-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	0.023	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2,4,6-tribromophenol	101 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

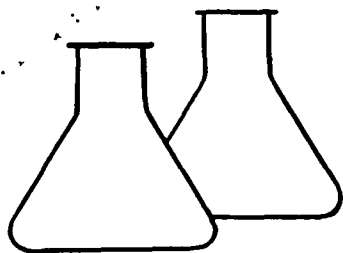
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND - Parameter not detected at the stated detection limit.

Comments: 5 Point Composite of Sump Sludge and Storage Barrels.
Farmington, NM.

Natasha Spencer
Analyst

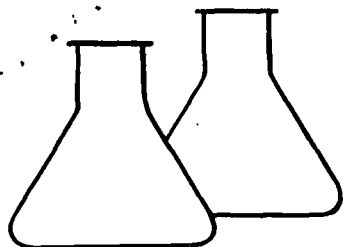
Steve W. Sandler
Review



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PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8040 PHENOLS

Client:	NA	Project #:	NA
Sample ID:	Laboratory blank	Date Reported:	02-27-95
Laboratory Number:	0224TCA BLANK	Date Sampled:	NA
Sample Matrix:	2-Propanol	Date Received:	NA
Preservative:	NA	Date Analyzed:	02-24-95
Condition:	NA	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	95 %
	2,4,6-Tribromophenol	106 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

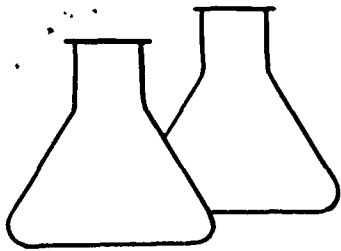
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8206, 8213-8216, 8220, 8191.

Natha Spence
Analyst

Steve W. Senter
Review



ENVIROTECH LABS

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

EPA METHOD 8040 PHENOLS

Client:	N/A	Project #:	N/A
Sample ID:	Matrix Blank	Date Reported:	02-27-95
Laboratory Number:	0219MBLK	Date Sampled:	N/A
Chain of Custody:	N/A	Date Received:	N/A
Sample Matrix:	Soil	Date Extracted:	02-19-95
Preservative:	Cool	Date Analyzed:	02-24-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2,4,6-tribromophenol	96 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

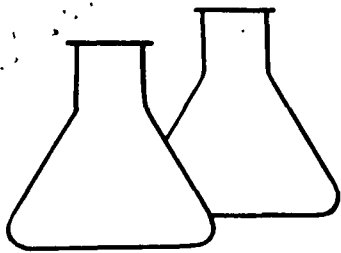
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8206, 8213-8216, 8220.

Nathan Spence
Analyst

Stacy W. Sander
Review



ENVIROTECH LABS

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

**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE**
EPA METHOD 8040 PHENOLS

Client:	Envirotech Lab	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	02-27-95
Laboratory Number:	8206	Date Sampled:	02-08-95
Sample Matrix:	Soil	Date Received:	02-09-95
Preservative:	Cool	Date Extracted:	02-16-95
Condition:	Cool & intact	Date Analyzed:	02-24-95
		Analysis Requested:	TCLP

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Percent Difference
o-Cresol	ND	ND	0.0
p,m-Cresol	ND	ND	0.0
2,4,6-Trichlorophenol	ND	ND	0.0
2,4,5-Trichlorophenol	ND	ND	0.0
Pentachlorophenol	ND	0.021	4.9

QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

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

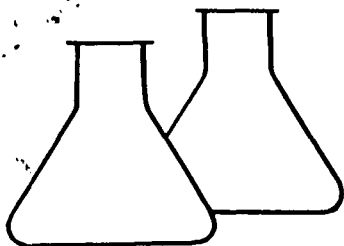
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8206, 8213-8216, 8220, 8191.

Nathan Spence
Analyst

Stacy W. Bender
Review



ENVIROTECH LABS

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

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	Weatherford	Project #:	91327-01
Sample ID:	Sump Sludge	Date Reported:	03-14-95
Laboratory Number:	8220	Date Sampled:	02-15-95
Chain of Custody:	4111	Date Received:	02-15-95
Sample Matrix:	Soil	Date Analyzed:	03-13-95
Preservative:	Cool	Date Extracted:	02-16-95
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
ARSENIC	ND	0.01	5.00
BARIUM	2.13	0.1	100
CADMIUM	ND	0.001	1.00
CHROMIUM	ND	0.001	5.00
LEAD	ND	0.01	5.00
MERCURY	ND	0.006	0.200
SELENIUM	ND	0.001	1.00
SILVER	ND	0.01	5.00

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

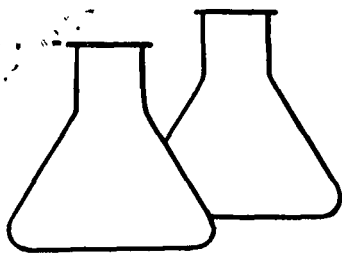
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND - Parameter not detected at the stated detection limit.

Comments: 5 Point Composite of Sump Sludge and Storage Barrels.

Analyst

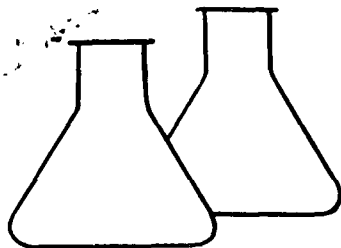
Review



ENVIROTECH LABS

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

**QUALITY ASSURANCE / QUALITY CONTROL
DOCUMENTATION**



ENV RO' ECH LABS

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

TRACE METAL ANALYSIS - BLANKS

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	03-13-95
Laboratory Number:	0219MB	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	Cool	Date Analyzed:	03-13-95
Condition:	N/A	Analysis Needed:	Trace Metals

Parameter	Instrument Blank (mg/L)	Method Blank (mg/L)	Det. Limit (mg/L)
ARSENIC	ND	ND	0.01
BARIUM	ND	ND	0.1
CADMIUM	ND	ND	0.001
CHROMIUM	ND	ND	0.001
LEAD	ND	ND	0.01
MERCURY	ND	ND	0.006
SELENIUM	ND	ND	0.001
SILVER	ND	ND	0.01

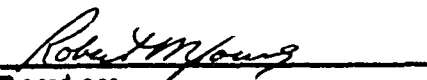
Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, Sept. 1992.

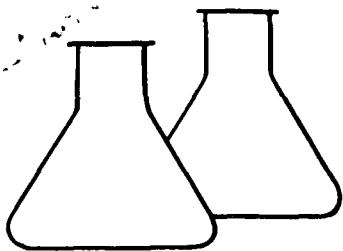
Methods 7060A, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA, 1992.

ND = Parameter not detected at the stated detection limit.
N/A = Not Applicable.

Comments: QA/QC for samples 8206, 8213-8216, 8220.


Analyst


Review



ENVIROTECH LABS

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

QUALITY ASSURANCE REPORT

TRACE METAL ANALYSIS - DUPLICATE

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	03-13-95
Laboratory Number:	8206	Date Sampled:	N/A
Sample Matrix:	Liquid	Date Received:	N/A
Analysis Requested:	Trace Metals	Date Analyzed:	03-13-95
Condition:	N/A	Date Extracted:	02-16-95

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference
ARSENIC	ND	ND	0.0
BARIUM	15.56	16.06	3.2
CADMIUM	ND	ND	0.0
CHROMIUM	ND	ND	0.0
LEAD	ND	ND	0.0
MERCURY	ND	ND	0.0
SELENIUM	ND	ND	0.0
SILVER	ND	ND	0.0

QA ACCEPTANCE CRITERIA:	Parameter	Maximum Difference
	Trace Metals	30 %

Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

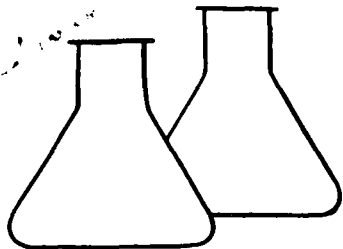
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

ND = Parameter not detected at the stated detection limit.
N/A = Not Applicable.

Comments: QA/QC for samples 8206, 8213-8216, 8220.

Nathan Spence
Analyst

Robert J. M. King
Review



ENV RO' ECH LABS

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

QUALITY ASSURANCE REPORT

TRACE METAL ANALYSIS - MATRIX SPIKE

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Spike	Date Reported:	03-13-95
Laboratory Number:	8206	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Analysis Requested:	Trace Metals	Date Analyzed:	03-13-95
Condition:	N/A		

Parameter	Spike Added (mg/L)	Sample Result (mg/L)	Spiked Sample Result (mg/L)	Percent Recovery
ARSENIC	0.100	ND	0.1077	108
BARIUM	10.0	15.56	27.79	109
CADMIUM	0.100	ND	0.113	113
CHROMIUM	0.100	ND	0.0954	95
LEAD	0.100	ND	0.0897	90
MERCURY	0.050	ND	0.0530	106
SELENIUM	0.100	ND	0.0975	98
SILVER	2.00	ND	2.037	102

QA ACCEPTANCE CRITERIA:	Parameter	Acceptance Range %
	Trace Metals	80 - 120

Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

ND - Parameter not detected at the stated detection limit.
N/A - Not Applicable.

Comments: QA/QC for samples 8206, 8213-8216, 8220.

Nathaniel Spence
Analyst

Robert M. Young
Review

CHAIN OF CUSTODY RECORD

Client/Project Name

EA For Co

(Signature)

Sam R

Project Location

FALMIN 91327-01
nm

Chain of

ape No.

ANALYSIS/PARAMETERS

Remarks

Sample No./
Identification

Sample
Date

Sample
Time

Lab Number

205 Sample Matrix 205

No. of
Containers

TECP
HHP
RARA
Char

Sim R-5

1 -

35

8220

Sim R-5

1

✓

(Signature)

Date

Time

by: (S e)

Date

Time

1 - 30

-15 30

Relinquished by: (Signature)

Received by: (Signature)

Relinquished by: (Signature)

Received by: (Signature)

ENVIROTECH INC.

5796 U.S. Highway 64-3014

Farmington, New Mexico 87401

(505) 632-0615

7312406

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter ROSS RAY	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator Gas Co. of N.M.	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site Cozzens B-1	
7. Originating Location of Material (Street Address or ULSTR) L, Section 19, T29N, R11W	8. State New Mexico	
9. Check One ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for Transportation: 3-21-95		

BRIEF DESCRIPTION OF THE MATERIAL:

Clean up of Glycol contaminated soils (surface cleanup) at
Dehydrator site.

Original Stamp
3/28/95

RECEIVED
APR - 5 1995
OIL CON. DIV.
DIST. 3

5851 - 40 cy
5852 - 50 cy
3-22/23-95
LF2 - K22 - 70cy
LF2 - K23 - 20cy

Estimated Volume < 20 yd³ Known Volume (to be entered by the operator at the end of the haul): 90 cy yd³
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young for RMY TITLE Land Farm Supervisor DATE 3-20-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Fount TITLE Geologist DATE 3/28/95

APPROVED BY Ernie Brack TITLE 1-1 DATE 4

CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: COZZENS B1 (L-S& 19-T 29N-R11W)
Source: DEHYDRATOR - GREASE SPILL
Disposal Location: Envirotech Soil Remediation Facility. (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for GAS COMPANY OF N. Mex concur with the status of the waste from the subject site.

Name DENVER BOARDEN
Title/Agency ADMINISTRATOR III
Address P.O. Box 1899
BLUENHILL N. Mex 87413
Signature [Signature]
Date 3-7-95

5124-07

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter ROSS RAY	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator GAS Co. of NM	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site SAIZ #1	
7. Originating Location of Material (Street Address or ULSTR) K, Section 20, T29N, R11W	8. State New Mexico	
9. Check One ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for Transportation: 3-21-95		

BRIEF DESCRIPTION OF THE MATERIAL:

Clean up of Glycol contaminated soils (surface cleanup) at
Dehydrator site.

RECEIVED
MAR 28 1995
OIL CON. DIV.
DIST. 3

BOL5853
3-27-95
25 cy
LF#2 K23

Estimated Volume 20 yd³ Known Volume (to be entered by the operator at the end of the haul): 25 cy yd³
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young for RAY TITLE Land Farm Supervisor DATE 3-26-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Danny L. Faint TITLE Geologist DATE 3/28/95

APPROVED BY Erica Bunch TITLE DATE 3

CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: Satz #1 - (K--Sec 20-T89N-R-11W)
Source: Dehydrator - Glycol Spill
Disposal Location: Envirotech Soil Remediation Facility. (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Gas Company of New Mexico concur with the status of the waste from the subject site.

Name DENNIS BEARDEN
Title/Agency ADMINISTRATOR III
Address P.O. BOX 1899
FARMINGTON, N.M. 87413
Signature Dennis Bearden
Date 3-20-95

3124-05

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter <u>Ross & Perry</u> <u>Gas Co. of New Mexico</u>	
2. Destination <u>Land Farm # 2 Envirotech Soil Remediation Facility</u>	5. Generator <u>Gas Co. of New Mexico</u>	
3. Address of Facility Operator <u>5796 US Hwy. 64-3014 Farmington, NM 87401</u>	6. Name of Originating Site <u>GREXIER A-1</u>	
7. Originating Location of Material (Street Address or ULSTR) <u>M- Sec 26 - T30N - R10W</u>	8. State <u>New Mexico</u>	

9. Check One

☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.

☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.

☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Date(s) for Transportation: 3-20-95

BRIEF DESCRIPTION OF THE MATERIAL:

oil hydrocarbon contaminated soil (Condensate w/ some paraffin)
from drip line. Surface clean up (no pit)

RECEIVED
MAR 28 1995
OIL CON. DIV.
DIST. 3

BOL 5849 - 10 cy
3-20-95
LF 2 - K22

Estimated Volume 12-24 yd³ Known Volume (to be entered by the operator at the end of the haul): 10 yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young for RMV. TITLE Land Farm Supervisor DATE 3-17-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Ferret TITLE Geologist DATE 3/28/95

APPROVED BY Janie Beach TITLE 11 DATE 4

CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

5796 U.S. HIGHWAY 64 • 8014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: GRENIER A1 (M - SEC 26 - T-30N - R10W)
Source: BLOW DOWN DRIP - SURFACE (NO PIT)
Disposal Location: Envirotech Soil Remediation Facility (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Max Company of New Mexico concur with the status of the waste from the subject site.

Name DENVER BOHRGEN
Title/Agency ADMINISTRATOR III
Address P.O. Box 1899
BLOOMFIELD, N.Mex 87413
Signature DENVER BOHRGEN
Date 3/20/95

75

91364-07

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ <i>Denny Foust 2/23/95</i> (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter <i>EnviroTECH</i>	
2. Destination <i>Land Farm # 2 Envirotech Soil Remediation Facility</i>	5. Generator <i>Meridian Oil Inc</i>	
3. Address of Facility Operator <i>5796 US Hwy. 64-3014 Farmington, NM 87401</i>	6. Name of Originating Site <i>BLACK DIAMOND Com 20-1</i>	
7. Originating Location of Material (Street Address or ULSTR) <i>S20 T30N R15W NMPM</i>	8. State <i>New Mexico</i>	

9. Check One

☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.

☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.

☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Date(s) for Transportation: *2/95*

BRIEF DESCRIPTION OF THE MATERIAL:

*drill Scale and Cedar Fibers**drummed because work over pit was closed*

RECEIVED
MAR 24 1995
OIL CON. DIV.
DIST. 3

Rec 6 dry drums
Box 5832
Placed into LF#2 D-19

Estimated Volume *6 dry drums (1.5cy)* yd³ Known Volume (to be entered by the operator at the end of the haul): *1.5cy* yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Robert Young* TITLE *Land Farm Supervisor* DATE *2/23/95*

TYPE OR PRINT NAME *Robert Young* TELEPHONE NO. *505-632-0615*

(This space for State Use)

APPROVED BY *Denny G. Foust* TITLE *Geologist* DATE *3/24/95*

APPROVED BY *Ernie Burt* TITLE *"* DATE *3/28/95*

CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

91364-07

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64-3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: Black Diamond Com #20-1
Source: Drilling wastes. Sec 20, T30N, R15W
Disposal Location: Envirotech Soil Remediation Facility (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Meridian Oil Inc. concur with the status of the waste from the subject site.

Name Craig A. Beck
Title/Agency Assoc. Environmental Representative
Address P.O. Box 4289,
Farmington, NM 87499
Signature C. A. Beck
Date 1-28-95

Exempt Waste Manifest
Meridian Oil Inc.

PO Box 4289, Farmington, NM 87499

91364-07

Safety and
Environmental

1. Waste Location: Lease/Well No. Oil Field Rental
2. Volume: 6 Cubic Yards 6 Barrels Gallons
3. Description of Waste: Drilling wastes & Pipe scale
solid matrix. NO Free liquids.
4. Method of Waste Generation: Clean up operations at
the Black Diamond Cam 20-1 well site.
5. Disposal Facility: Envirotech
6. Disposal Cost: \$16 / cu yd.
7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal

(signature)

Date 2-28-95

MOI
Representative

Transportation Company: Envirotech

Date(s) Transported: 3/1/95

MOI Representative on Site

Sam Ray Jr by Rmy Date 3/1/95
(signature)

Disposal Facility
Complete and
return to
Meridian
Safety and
Environmental
with Invoice.

Date(s) Received: 3/1/95

Total Volume Received: 6 dry drums

Waste Location : Cell/Grid No.

LANDFARM #2 D-19

Received By :

Charles Mulnix by Rmy
(signature)

Revised January 16, 1994

04097

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter <i>Doug Foutz</i>	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator <i>EL PASO Natural Gas</i>	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site <i>Various Pits</i>	
7. Originating Location of Material (Street Address or ULSTR) <i>See Attached List</i>	8. State <i>New Mexico</i>	

9. Check One

☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.

☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.

☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Date(s) for Transportation: *February 1995*

BRIEF DESCRIPTION OF THE MATERIAL:

*Contaminated Soil from various dehydrator and drip pits
in the State of New Mexico.*

RECEIVED
MAR 23 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 660 yd³ Known Volume (to be entered by the operator at the end of the haul): 660 yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Robert Young* TITLE Land Farm Supervisor DATE 3/22/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY *Derry L. Foutz* TITLE Geologist DATE 3/23/95

APPROVED BY *Ernie V. Borch* TITLE u DATE u

CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

RECEIVED MAR 9 1995

CERTIFICATE OF WASTE STATUS
OILFIELD EXEMPT WASTE

RECEIVED MAR 9 1995

Originating Location: A list of pit closure sites is attached. February 1995.

Source: Various dehydrator and drip pits in the State of New Mexico.

Disposal Location: Envirotech Soil Remediation Facility, (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned as the agent for the El Paso Natural Gas Company concur with the status of the waste from the subject site.

Name Sandra D. Miller

Title/Agency SR. Environmental Scientist
El Paso Natural Gas Company

Address P.O. Box 4990
Farmington, NM 87499

Signature *Sandra D. Miller*

Date 3/7/95

ENVIROTECH

2/7/95	N/A		Trunk D Loop	33-28-08-I
2/7/95	89247		Graham #51A	10-27-08
2/8/95	75212		Graham #53	10-27-08-L
2/9/95	N/A		Lateral 2C-1	36-27-11-P
2/9/95	74198		Winger State #1	02-26-11-A
2/9/95	75639		Babbitt #1	24-26-09-J
2/10/95	93974		Redfern #7	09-28-11-H
2/21/95	75703		Howell K #2R	22-30-08-M
2/21/95	72900		Evenson #2	19-27-10-P
2/22/95	89987		Gartner A #5A	27-30-08-F

FEBRUARY 1995
LANDFARM #2

[illegible]

660

92197

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ (Submitting this form for oilfield exempt waste is optional)	Frank Chmura OCD 3/1/95 15:20	4. Name of Transporter EnviroTECH
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility		5. Generator Mardian
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401		6. Name of Originating Site Val Verde Plant
7. Originating Location of Material (Street Address or ULSTR) A-14-T29W-R11W-N4PM		8. State New Mexico

9. Check One

- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Date(s) for Transportation: 3/2/95

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of:
Activated Charcoal Filter Media, for Amine Filtration

RECEIVED
MAR 27 1995

OIL CON. DIV.
DIST. 3

Rec 16 cy
3/3/95 Box 5813
Placed into LF#2
Cell D-19

Estimated Volume 16-17 yd³ Known Volume (to be entered by the operator at the end of the haul): 16 yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 3/1/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Fount TITLE Geologist DATE 3/27/95

APPROVED BY Robert Young TITLE " DATE "

CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE AS

5796 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS
OILFIELD EXEMPT WASTE

Originating Location: Val Verde plant
Source: Val Verde plant MDEA Filtration
Disposal Location: Envirotech Soil Remediation Facility
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Meridian do hereby concur with the status of the waste from the subject

Name Craig A. Bock
Title/Agency Assoc.
Env.
Address P.O. Box 428
Farmington, NM
Signature C. A. Bock
Date 2-28-95

Exempt Waste Manifest
Meridian Oil Inc.

PO Box 4289, Farmington, NM 87499

92197

Safety and
Environmental

1. Waste Location: Lease/Well No. Val verde Plant
2. Volume: 15 Cubic Yards Barrels Gallons
3. Description of Waste: Spent Charcoal Filter media.
4. Method of Waste Generation: Extraction of MDEA @
the val verde plant
5. Disposal Facility: Envirotech
6. Disposal Cost: \$16 / yd 3
7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal

C. A. Balle
(signature)

Date 2-28-95

MOI
Representative

Transportation Company: Envirotech Inc.

Date(s) Transported: 3-3-95

MOI Representative on Site

Bob Henderson
(signature)

Date 3-3-95

Disposal Facility
Complete and
return to
Meridian
Safety and
Environmental
with Invoice.

Date(s) Received: 3-3-95

Total Volume Received: 16 yds

Waste Location: Cell/Grid No. LF#2 D-19

Received By: Ray Hernandez

(signature)

92117-14

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)		4. Name of Transporter Doug Foutz
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility		5. Generator El Paso Nat Gas
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401		6. Name of Originating Site Bisti 1, Bisti 6, Bisti 9
7. Originating Location of Material (Street Address or ULSTR) Bisti #1 : S29, T25N, R10W Bisti #6 : S07, T26N, R11W Bisti #9 : S23, T27N, R13W NMPM.		8. State New Mexico

9. Check One

☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.

☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.

☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport:

Projected Date(s) for Transportation: 3/95

BRIEF DESCRIPTION OF THE MATERIAL:

Combined Stockpiles from Bisti #1, Bisti #6, Bisti #9 locations.
Stockpiled at central location

RECEIVED
MAR 1 1995
Environmental Bureau
Oil Conservation Division

RECEIVED
FEB 22 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 330 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 2/22/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Foutz TITLE Geologist DATE 2/23/95

APPROVED BY C. E. Ewing TITLE GEOLOGIST DATE 3/1/95

CONDITIONS OF APPROVAL, IF ANY:

92117-14

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter <i>Doug FOUTZ</i>	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator <i>El Paso Nat GAS</i>	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site <i>Bisti 1, Bisti 6, Bisti 9</i>	
7. Originating Location of Material (Street Address or ULSTR) <i>Bisti #1 : S29, T25N, R10W</i> <i>Bisti #6 : S07, T26N, R11W</i> <i>Bisti #9 : S23, T27N, R13W</i> <i>NMPM.</i>	8. State <i>New Mexico</i>	
9. Check One ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for Transportation: <i>3/95</i>		

BRIEF DESCRIPTION OF THE MATERIAL:

Combined Stockpiles from Bisti #1, Bisti #6, Bisti #9 locations.
Stockpiled at central location

RECEIVED
FEB 22 1995

OIL CON. DIV.
DIST. 3

Estimated Volume 330 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Robert Young* TITLE Land Farm Supervisor DATE 2/22/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY *Denny G. Fout* TITLE Geologist DATE 2/23/95

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED FEB 14 1995

El Paso
Natural Gas Company

P. O. BOX 4990
FARMINGTON, NEW MEXICO 87499

December 27, 1994

Mr. Robert Young
Envirotech, Inc.
5796 U.S. Highway 64-3014
Farmington N.M. 87401

Subject: Non-Exempt Waste Disposal

Dear Mr. Young

El Paso Natural Gas Company hereby requests permission to dispose of hydrocarbon contaminated soil at your landfarm facility. The soil was removed from El Paso's Bisti 1, Bisti 6 and Bisti 9 compressors, south of Farmington, N.M. Enclosed is a copy of the analytical results for each pit. Please note that the Bisti 9 soil is not part of El Paso's pit closure project and should be billed separately.

Bisti 1: Section 29, T-25-N, R-10-W	Estimate 80 Cubic Yards±
Bisti 6: Section 7, T-26-N, R-11-W	Estimate 150 Cubic Yards±
Bisti 9: Section 23, T-27-N, R-13-W	Estimate 100 Cubic Yards±

Transporter - Foutz Trucking through Burlington Environmental

Please contact me at 599-2175 as soon as you have obtained approval from NMOCD.

Thank you.

P. S. Marquez
Patrick Marquez
Compliance Engineer

cc:

D. Foust (NMOCD)
W.D. Hall (EPNG)
B. J. Snell (EPNG)
S.D. Miller/File:

Stacy - Hardy!
Certificate of waste status is
below (page 3).
Give us a holler when
approved. Thanks.
PSM.

To: (Distribution)**Date:** February 13, 1995**From:** John Lambdin J.S.**Place:** Field Services Laboratory**Subject: Bisti #1, 6, 9 Compressor Drain Pit Soil Results**

On January 4, 1995 the Field Services Laboratory received one (1) composite soil sample from the soil excavated at the referenced drain pit sites. The sample was assigned Field Services laboratory number 950008.

This soil sample was collected and tested in order to characterize the soil excavated from the drain pits for disposal. The sample passed all the required RCRA hazardous waste characterization tests. Enclosed you will find copies of all analytical results.

Please let me know, if you have any questions.

Distribution:

David Hall - w/o attachments
Sandra Miller - w/o attachments
Ricky Cosby - w/o attachments
Patrick Marquez
Results Log Book
File

Attachments

ENVIROTECH NC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: Bisti #1, 6 & 9 Compressors.
Source: Compressor drain Pit
Disposal Location: Envirotech Soil Remediation Facility, (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for El Paso Natural Gas Co.
concur with the status of the waste from the subject site.

Name Patrick S. Marquez
Title/Agency Compliance Engineer
Address 614 Reilly Ave. Farmington N.M.
Signature P.S. Marquez
Date 2/13/95

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

February 2, 1995

Mr. Patrick Marquez
Mr. John Lambdin
El Paso Natural Gas
P.O. Box 4990
Farmington, New Mexico 87499

Dear Patrick and John,

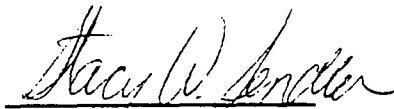
Enclosed are the analytical results for one composite soil sample collected by EPNG personnel from Bisti Soil Disposal locations # 1, # 6, and #9 on 1/4/95. This composite soil sample was delivered to the Envirotech laboratory on 1/4/95 for Hazardous Waste Characterization analysis (TCLP without herbicides and pesticides, and RCRA characterization). The sample (EPNG #950008) was received on an EPNG Chain of Custody (COC) form, transferred to Envirotech COC No. 4072, and identified as Laboratory No. 8160 for laboratory tracking.

Results of the analysis indicate that this material is not a characteristic hazardous waste as defined by 40 CFR, Section 261, Subpart C. This material is therefore acceptable for disposal at the Envirotech Soil Remediation Facility (ESRF), Landfarm #2 located at Hilltop, New Mexico.

A Certificate of Waste Status is enclosed and must be completed and received by Envirotech prior to transportation of the soil to the ESRF. A fax copy is acceptable ((505) 632-1865). The ESRF soil disposal fee for EPNG is \$16.00 per cubic yard. Transportation and loading services are also available from Envirotech, Inc..

Should you have any questions or require additional information, please do not hesitate to contact us at (505) 632-0615. It has been our pleasure doing business with you, and we hope you will consider Envirotech, Inc. for any of your future environmental contracting and analysis needs.

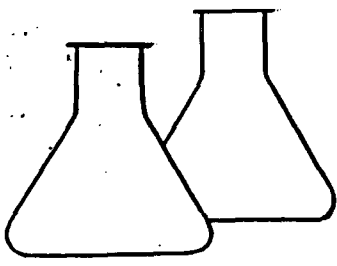
Respectively submitted,
Envirotech, Inc.



Stacy W. Sendler
Environmental Scientist

enc.
SWS/sws

92117-14/lab



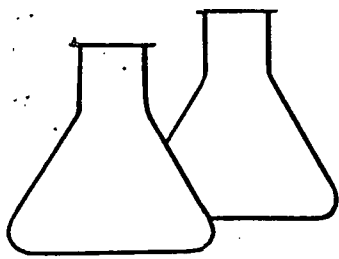
ENVIROTECH LABS

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

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

Acceptable,

2-11-95



ENVIRO' TECH LABS

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

AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:	NA
Sample ID:	Lab Blank	Date Reported:	01-27-95
Laboratory Number:	0105TVLB	Date Sampled:	NA
Sample Matrix:	Water	Date Received:	NA
Preservative:	NA	Date Analyzed:	01-05-95
Condition:	NA	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
2-Butanone	ND	0.006	200
1,1-Dichloroethene	ND	0.007	0.7
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.006	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.013	0.5
Trichloroethene	ND	0.006	0.5
Tetrachloroethene	ND	0.007	0.7
Chlorobenzene	ND	0.021	100
1,4-Dichlorobenzene	ND	0.056	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromofluorobenzene	92 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 3010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992

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

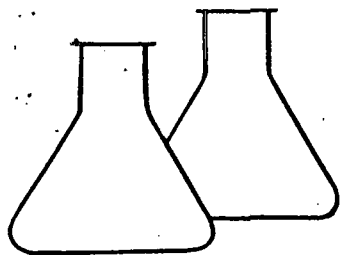
Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8150, 8152, 8159, 8160

Rebecca H. Roy
Analyst

Steve W. Jendler
Review



ENVIRO' ECH AOS

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

EPA METHODS 8010/8020 AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:	NA
Sample ID:	01-03-95 Meth Blnk	Date Reported:	01-27-95
Laboratory Number:	0103TVMB	Date Sampled:	NA
Chain of Custody:	NA	Date Received:	NA
Sample Matrix:	Soil	Date Extracted:	01-03-95
Preservative:	Cool	Date Analyzed:	01-05-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
1,1-Dichloroethene	ND	0.006	0.7
2-Butanone	ND	0.007	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.006	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.013	0.5
Trichloroethene	ND	0.006	0.5
Tetrachloroethene	ND	0.007	0.7
Chlorobenzene	ND	0.021	100
1,4-Dichlorobenzene	ND	0.056	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromofluorobenzene	102 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

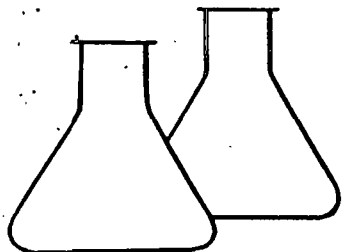
Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: 01-03-95 TCLP Volatiles Method Blank
QA/QC for samples 8150, 8152, 8159, 8160.

Rex Griffin & Ray
Analyst

Steve W. Spiller
Review



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**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE**
EPA METHOD 8010/8020 AROMATIC VOLATILE/HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:
Sample ID:	Duplicate Sample	Date Reported: 01-27-95
Laboratory Number:	8159DUP	Date Sampled:
Sample Matrix:	Soil	Date Received:
Analysis Requested:	TCLP	Date Analyzed: 01-05-95
Condition:	NA	

Parameter	Sample Result (mg/L)	Duplicate Sample Result (mg/L)	Detection Limits (mg/L)	Percent Difference
Vinyl Chloride	ND	ND	0.005	0.0
1,1-Dichloroethene	0.008	0.010	0.006	29.9
2-Butanone	ND	ND	0.007	0.0
Chloroform	ND	ND	0.005	0.0
Carbon Tetrachloride	ND	ND	0.006	0.0
Benzene	ND	ND	0.005	0.0
1,2-Dichloroethane	ND	ND	0.013	0.0
Trichloroethene	ND	ND	0.006	0.0
Tetrachloroethene	0.286	0.286	0.007	0.0
Chlorobenzene	ND	ND	0.021	0.0
1,4-Dichlorobenzene	ND	ND	0.056	0.0

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.

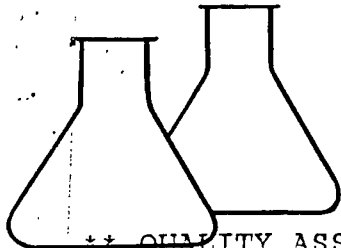
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: Duplicate of 8159
QA/QC for samples: 8150, 8152, 8159, 8160

Rex Griffin by Ray
Analyst

Steve W. Spiller
Review



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** QUALITY ASSURANCE

EPA METHODS 8010/8020

MATRIX SPIKE - AROMATIC / HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Spike	Date Reported:	01-30-95
Laboratory Number:	8152SPK	Date Sampled:	01-03-95
Sample Matrix:	Soil	Date Received:	01-03-95
Analysis Requested:	TCLP	Date Analyzed:	01-05-95
Condition:	NA		

Parameter	Sample Result (mg/L)	Spike Added (mg/L)	Spiked Sample Result (mg/L)	Det. Limit (mg/L)	Percent Recovery	SW-846 % Rec. Accept. Range
Vinyl Chloride	ND	0.10	0.12	0.005	121	28-163
1,1-Dichloroethene	0.01	0.10	0.08	0.006	74	43-143
2-Butanone	ND	0.10	0.16	0.007	157	47-132
Chloroform	0.03	0.10	0.04	0.005	12	49-133
Carbon Tetrachloride	ND	0.10	0.09	0.006	91	43-143
Benzene	ND	0.10	0.15	0.005	148	39-150
1,2-Dichloroethane	ND	0.10	0.10	0.013	100	51-147
Trichloroethene	ND	0.10	0.08	0.006	77	35-146
Tetrachloroethene	ND	0.10	0.17	0.007	168	26-162
Chlorobenzene	ND	0.10	0.16	0.021	157	38-150
1,4-Dichlorobenzene	ND	0.10	0.07	0.056	74	42-143

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.

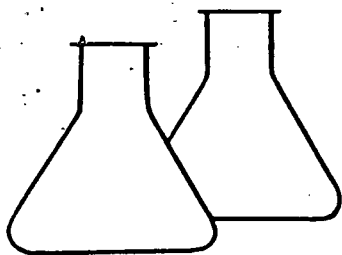
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: 2-Butanone, Chloroform, Tetrachloroethene, and Chlorobenzene
recoveries are outside of specified recovery limits due to
matrix interference.

Rebecca G. Galt
Analyst

Steve W. Gendle
Reviewer



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EPA METHOD 8040 PHENOLS

Client:	El Paso Nat Gas	Project #:	92117-14
Sample ID:	950008	Date Reported:	01-16-95
Laboratory Number:	8160	Date Sampled:	01-04-95
Chain of Custody:	4072	Date Received:	01-04-95
Sample Matrix:	Soil	Date Extracted:	01-04-95
Preservative:	Cool	Date Analyzed:	01-13-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2,4,6-tribromophenol	84 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

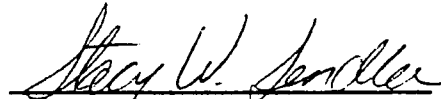
Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

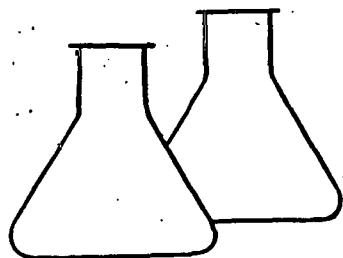
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Bisti Soil Disposal: Bisti #1, #6, #9 Composite.


Analyst


Review

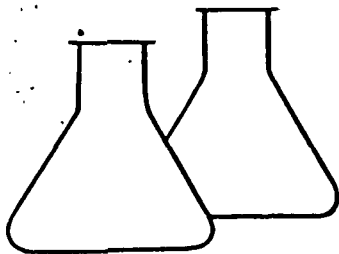


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EPA METHOD 8040 PHENOLS

Client:	NA	Project #:	NA
Sample ID:	Lab Blank	Date Reported:	01-16-95
Laboratory Number:	0113TALB	Date Sampled:	NA
Sample Matrix:	2-Propanol	Date Received:	NA
Preservative:	NA	Date Analyzed:	01-13-95
Condition:	NA	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	91 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

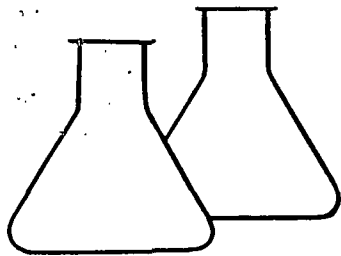
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8150, 8152, 8159, 8160.

Analyst

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EPA METHOD 8040 PHENOLS

Client:	NA	Project #:	NA
Sample ID:	1-3-95 Method Blnk	Date Reported:	01-16-95
Laboratory Number:	0103AEMB	Date Sampled:	01-03-95
Chain of Custody:	N/A	Date Received:	NA
Sample Matrix:	Soil	Date Extracted:	01-03-95
Preservative:	Cool	Date Analyzed:	01-13-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	93 %
	2,4,6-tribromophenol	99 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

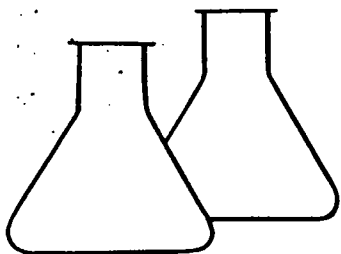
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: TCLP Extraction Method Blank
For Samples 8050, 8052, 8059, 8060

Robert M. Young
Analyst

Stacy W. Seidler
Review



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**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE**
EPA METHOD 8040 PHENOLS

Client:	Envirotech Lab	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	01-16-95
Laboratory Number:	8150MDUP	Date Sampled:	12-22-94
Sample Matrix:	Soil	Date Received:	12-22-94
Preservative:	Cool	Date Analyzed:	01-13-95
Condition:	Cool & intact	Analysis Requested:	TCLP

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Percent Difference
o-Cresol	ND	ND	0.0
cresol	ND	ND	0.0
2,4,6-Trichlorophenol	ND	ND	0.0
2,4,5-Trichlorophenol	ND	ND	0.0
Pentachlorophenol	ND	ND	0.0

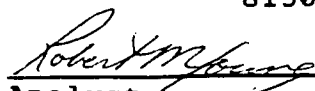
QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

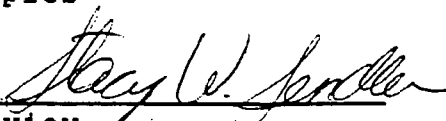
Method: Method 5030, Purge-and-Trap, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

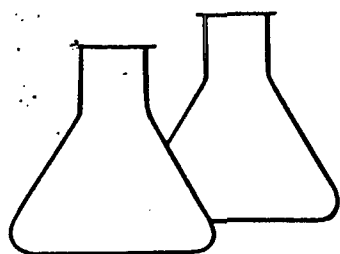
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC Matrix Duplicate for samples
8150, 8152, 8159, 8160.


Analyst


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EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	El Paso Nat Gas	Project #:	92117-14
Sample ID:	950008	Date Reported:	01-19-95
Laboratory Number:	8160	Date Sampled:	01-04-95
Chain of Custody:	4072	Date Received:	01-04-95
Sample Matrix:	Soil	Date Extracted:	01-04-95
Preservative:	Cool	Date Analyzed:	01-16-95
Condition:	Cool and Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.093	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	81 %

Method: Method 1311. Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

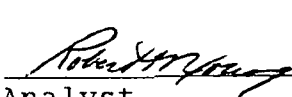
Method 3510. Separatory Funnel Liquid-Liquid Extraction.
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

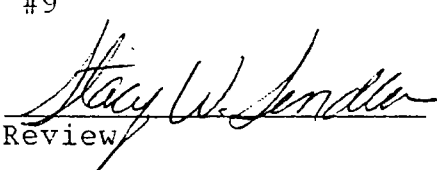
Method 8090. Nitroaromatics and Cyclic Ketones.
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

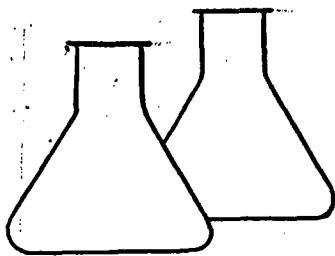
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Composite from Bisti #1, #6, #9


Analyst


Review



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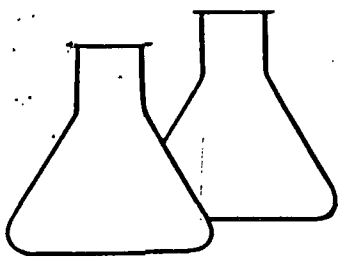
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EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	01-17-95
Laboratory Number:	0116BNLB	Date Sampled:	NA
Sample Matrix:	Hexane	Date Received:	NA
Preservative:	NA	Date Extracted:	NA
Condition:	NA	Date Analyzed:	01-16-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.093	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	113 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

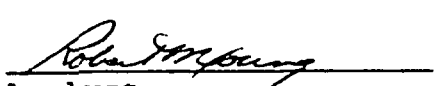
Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

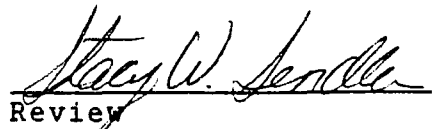
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

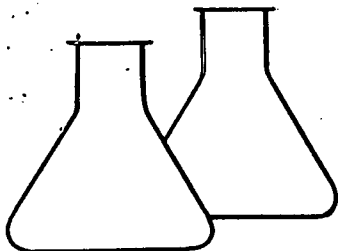
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8150, 8152, 8159, 8160


Analyst


Review



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EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	NA	Project #:	NA
Sample ID:	Method Blank	Date Reported:	01-19-95
Laboratory Number:	0103TCMB	Date Sampled:	NA
Sample Matrix:	Soil	Date Received:	NA
Preservative:	NA	Date Extracted:	01-03-95
Condition:	NA	Date Analyzed:	01-16-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.093	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	113 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: 1-03-95 TCLP Extraction Method Blank

Robert M. Young
Analyst

Steve W. Sander
Review

Stacy W. Jentle
Review

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EPA METHOD 1311

TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	El Paso Natural Gas	Project #:	92117-14
Sample ID:	EPNG #950008	Date Reported:	02-01-95
Laboratory Number:	8160	Date Sampled:	01-04-95
Sample Matrix:	Soil	Date Received:	01-04-95
Preservative:	Cool	Date Analyzed:	01-31-95
Condition:	Cool & Intact	Date Extracted:	01-04-95
Chain of Custody:	4072	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
ARSENIC	0.007	0.002	5.000
BARIUM	ND	1.35	100.0
CADMIUM	0.004	0.003	1.000
CHROMIUM	ND	0.008	5.000
LEAD	ND	0.25	5.000
MERCURY	ND	0.002	0.200
SELENIUM	ND	0.004	1.000
SILVER	ND	0.01	5.00

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

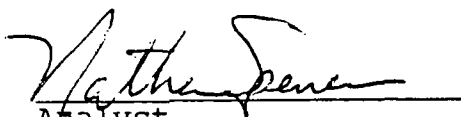
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

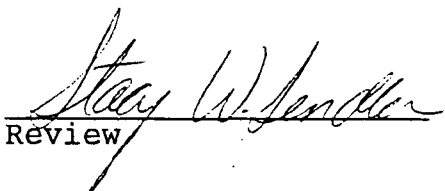
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

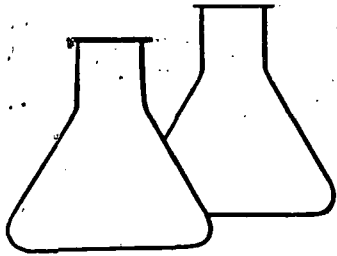
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Bisti soil disposal - Bisti #1, 6, 9 / 3 sample composite.


Analyst


Review

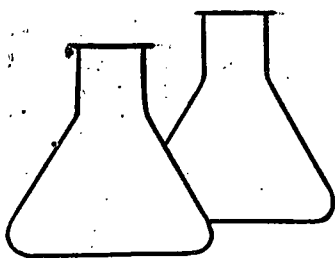


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TRACE METAL ANALYSIS - BLANKS

Client:	QA/QC	Project #:	NA
Sample ID:	Method Blank	Date Reported:	02-01-95
Laboratory Number:	MB0103	Date Sampled:	NA
Sample Matrix:	Water	Date Received:	NA
Preservative:	Cool	Date Analyzed:	01-31-95
Condition:	NA	Analysis Needed:	Trace Metals

Parameter	Instrument Blank (mg/L)	Method Blank (mg/L)	Det. Limit (mg/L)
ARSENIC	ND	ND	0.002
BARIUM	ND	ND	1.35
CADMIUM	ND	ND	0.003
CHROMIUM	ND	ND	0.008
LEAD	ND	ND	0.25
MERCURY	ND	ND	0.002
SELENIUM	ND	ND	0.004
SILVER	ND	ND	0.01

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples
and Extracts for Total Metals, SW-846, USEPA, Sept. 1992

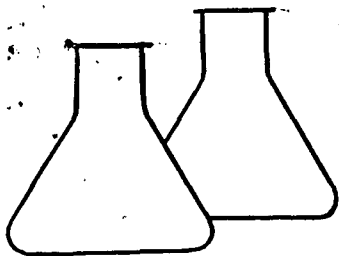
Methods 7060A, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8150, 8152, 8159, 8160.

Nathan Spence
Analyst

Stacy W. Bender
Review



ENVIRONMENTAL TECHNOLOGIES

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

TRACE METAL ANALYSIS - DUPLICATE

Client:	QA/QC	Project #:	NA
Sample ID:	Matrix Duplicate	Date Reported:	02-01-95
Laboratory Number:	8150MDUP	Date Sampled:	NA
Sample Matrix:	Water	Date Received:	NA
Analysis Requested:	Trace Metals	Date Analyzed:	01-31-95
Condition:	NA	Date Extracted:	01-03-95

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference
ARSENIC	0.005	0.004	22
BARIUM	ND	ND	0.0
CADMIUM	0.006	0.006	0.0
CHROMIUM	ND	ND	0.0
LEAD	0.197	0.180	9.0
MERCURY	ND	ND	0.0
SELENIUM	ND	ND	0.0
SILVER	ND	ND	0.0

QA ACCEPTANCE CRITERIA:	Parameter	Acceptance Range %
	Trace Metals	+ - 30%

Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

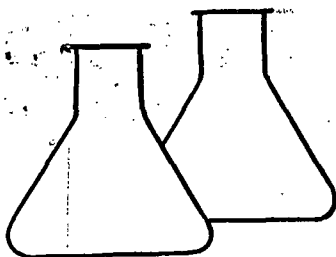
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8150, 8152, 8159, 8160, 8190 and 8191.

Nathan Spencer
Analyst

Mary W. Spencer
Review



ENVIROTECH LABS

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QUALITY ASSURANCE REPORT
EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS - MATRIX SPIKE

Client:	QA/QC	Project #:	NA
Sample ID:	Matrix Spike	Date Reported:	02-01-95
Laboratory Number:	MSPK	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Analysis Requested:	Trace Metals	Date Analyzed:	01-31-95
Condition:	NA	Date Extracted:	01-03-95

Parameter	Spike Added (mg/L)	Sample Result (mg/L)	Spiked Sample Result (mg/L)	Percent Recovery
ARSENIC	0.100	0.007	0.109	102
BARIUM	10.0	1.79	15.4	136
CADMIUM	0.100	0.010	0.125	115
CHROMIUM	0.100	ND	0.110	110
LEAD	0.100	0.02	0.140	120
MERCURY	0.050	ND	0.043	86
SELENIUM	0.050	ND	0.061	118
SILVER	4.00	ND	3.68	92

QA ACCEPTANCE CRITERIA:	Parameter	Acceptance Range %
	Trace Metals	80 - 120

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8150, 8152, 8159, 8160, 8190 and 8191.
Recovery for Barium is slightly high due to matrix interference.

Nathan Spencer
Analyst

Ray W. Spencer
Review

CHAIN OF CUSTODY RECORD

Client/Project Name <u>El Paso Natural GAS</u>			Project Location <u>#92117-14</u>		ANALYSIS/PARAMETERS							
Sampler: (Signature) <u>R. Cosby-EPNG</u>			Chain of Custody Tape No.		No. of Containers	TCLP No Herb/Pest	RCRA Toxicity	RCRA Corrosivity	RCRA Reactivity			Remarks
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix								
950008	1/4/95	10 ¹⁵	8160	Soil	2	X	X	X	X			BIST # 1,6,9 Com
Relinquished by: (Signature) <u>[Signature]</u>			Date	Time	Received by: (Signature) <u>[Signature]</u>			Date	Time			
Relinquished by: (Signature)			1/4/95	1440	Received by: (Signature)			1/4/95	1445			
Relinquished by: (Signature)					Received by: (Signature)							

ENVIROTECH INC.
 5796 U.S. Highway 64-3014
 Farmington, New Mexico 87401
 (505) 632-0615



np (Signature)

Date

Receiving Temp. (°F)

1-4-95 40C

Total No. of Cont.

Chain of Custody

Intact?

Composite
or Grab

See Attached

X TAP 8240

X TAP METALS

1.000 Lead

Lab ID

Date

Time

Matrix
DIL

Sample Number

0

2 N/A N/A C

Remarks

S

AN SF

D

S e # 1 D

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

1-4-95 1315

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

1-4-95 1400

Relinquished by: (Signature)

Date/Time

Received

Laboratory

(Signature)

Date/Time

Remarks:

Results to John LAMBDAIN

JLTS

Voices : SOS) 99-2144

Charge Code W.O. + Soil

Date Results Reported / by: (Signature)

John LA BDAIN EPNO

Disposal Time

1. RCRA Exempt: ☐ Non-Exempt: ☒ OIL CONSERVATION DIVISION
Verbal Approval Received: Yes ☐ No ☒ 4. Name of Transporter
mi Envirotech
2. Destination
Land Farm # 2 Envirotech Soil Remediation Facility 5. Generator
HALLIBURTON SERVICES
3. Address of Facility Operator
5796 US Hwy. 64-3014 Farmington, NM 87401 6. Name of Originating Site
FARMINGTON YARD
7. Originating Location of Material (Street Address or ULSTR)
4109 E. Main, Farmington, N.H. 87401 8. State
New Mexico
9. Check One
☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of solids generated from wash bay operation
at Farmington yard (4109 E Main) TCLP Enclosed.

RECEIVED

MAR 1 1995

Environmental Bureau
Oil Conservation Division

RECEIVED
FEB 22 1995

OIL CON. DIV.
DIST. 3

Estimated Volume 50 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Helen M. Brown for RMY TITLE Land Farm Supervisor DATE 2/21/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Fount TITLE Geologist DATE 2/23/95

APPROVED BY C. Eustice TITLE GEOLOGIST DATE 3/1/95

CONDITIONS OF APPROVAL, IF ANY:

92132

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter EnviroTECH	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator HALLIBURTON SERVICES	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site FARMINGTON YARD	
7. Originating Location of Material (Street Address or ULSTR) 4109 E. Main, Farmington, N. M. 87401	8. State New Mexico	

9. Check One

- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Date(s) for Transportation: 2/95

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of solids generated from wash bay operation
at Farmington yard (4109 E Main) TCLP Enclosed.

RECEIVED
FEB 22 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 50 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 2/21/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Faint TITLE Geologist DATE 2/23/95

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS
OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: Halliburton Services, 4109 E. Main, Farmington, N.M.

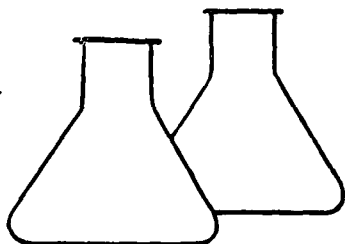
Source: WASH BAY SOLIDS.

Disposal Location: Envirotech Soil Remediation Facility, (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Halliburton Services,
concur with the status of the waste from the subject site.

Name Amy J. Morris
Title/Agency HSE Coordinator
Halliburton
Address 4109 E. Main
Farmington, N.M.



ENVIROTECH LABS

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SUSPECTED HAZARDOUS & SOLID WASTE ANALYSIS

Client:	Halliburton	Project #:	92132
Sample ID:	Wash Bay Solids	Date Reported:	11-21-94
Lab ID#:	7986	Date Sampled:	10-18-94
Sample Matrix:	Soil	Date Received:	10-18-94
Preservative:	Cool	Date Analyzed:	10-24-94
Condition:	Cool & Intact		

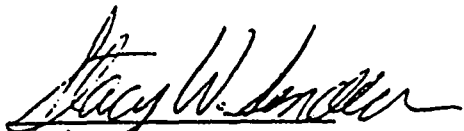
IGNITABILITY: Did not ignite upon direct contact with flame.

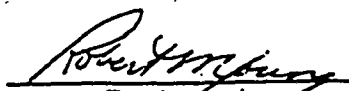
CORROSIVITY: pH of 7.45

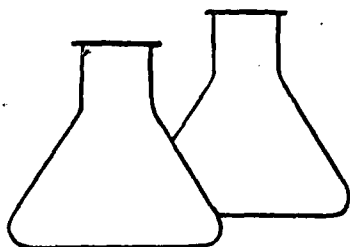
REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: $\leq$ pH 2 or $\geq$ pH 12.5 is hazardous waste
4109 E. Main, Farmington, NM.


Analyst


Reviewed



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 1311

TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	Halliburton	Project #:	92132
Sample ID:	Wash Bay Solids	Date Reported:	11-18-94
Laboratory Number:	7986	Date Sampled:	10-18-94
Sample Matrix:	Soil	Date Received:	10-18-94
Preservative:	Cool	Date Analyzed:	11-18-94
Condition:	Cool & Intact	Date Extracted:	10-24-94
Chain of Custody:	3964	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
ARSENIC	ND	0.01	5.000
BARIUM	ND	0.5	100.0
CADMIUM	0.23	0.04	1.000
CHROMIUM	0.013	0.01	5.000
LEAD	0.019	0.001	5.000
MERCURY	ND	0.002	0.200
SELENIUM	ND	0.01	1.000
SILVER	0.02	0.01	5.00

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

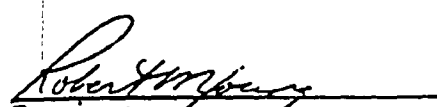
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

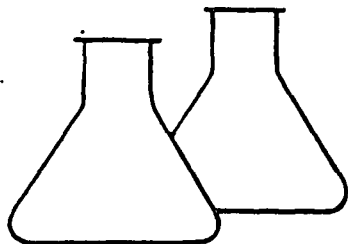
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: 4109 E. Main, Farmington, NM - Composite.


Analyst


Review



ENVIROTECH LABS

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

EPA METHODS 8010/8020 AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	Halliburton	Project #:	92132
Sample ID:	#1 wash bay	Date Reported:	11-21-94
Laboratory Number:	7986TCLP.	Date Sampled:	10-18-94
Sample Matrix:	Soil	Date Received:	10-18-94
Preservative:	Cool	Date Extracted:	10-24-94
Condition:	Cool & Intact	Date Analyzed:	11-08-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
1,1-Dichloroethene	ND	0.018	0.7
2-Butanone	ND	0.013	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.007	0.5
Tetrachloroethene	ND	0.006	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromochloromethane	89 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.
Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

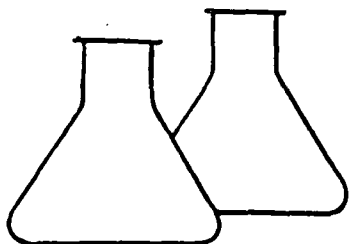
Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Halliburton Services Co. 4109 East Main, Farmington

Analyst

Review



ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8040 PHENOLS

Client:	Halliburton	Project #:	NA
Sample ID:	#1 wash bay	Date Reported:	11-22-94
Laboratory Number:	7986TCA.	Date Sampled:	NA
Sample Matrix:	Soil	Date Received:	NA
Preservative:	Cool	Date Extracted:	10-24-94
Condition:	Cool & Intact	Date Analyzed:	11-17-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	0.037	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	92 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

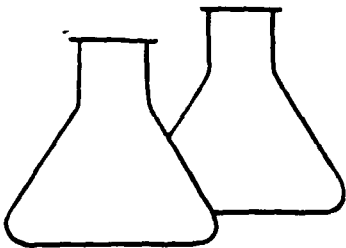
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Halliburton Services Co. #1 wash bay solids comp

Analyst

Review



ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	Halliburton	Project #:	92132
Sample ID:	1 wash bay	Date Reported:	11-22-94
Laboratory Number:	7986BNTC.	Date Sampled:	10-18-94
Sample Matrix:	Soil	Date Received:	10-18-94
Preservative:	NA	Date Extracted:	10-24-94
Condition:	NA	Date Analyzed:	11-21-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.024	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	102 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Halliburton Services Co. 4109 east Main, Farmington

Ray A. Griffin
Analyst

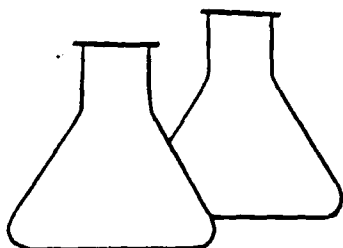
Stacy W. Sweller
Reviewer

ENVIROTECH LABORATORIES

5796 U.S. HIGHWAY 64-3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

QUALITY ASSURANCE/QUALITY CONTROL

DOCUMENTATION



ENVIROTECH LABS

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

TRACE METAL ANALYSIS - BLANKS

Client:	NA	Project #:	NA
Sample ID:	Blanks 10-24-94	Date Reported:	11-18-94
Laboratory Number:	MB1024	Date Sampled:	NA
Sample Matrix:	Liquid	Date Received:	NA
Preservative:	Cool	Date Analyzed:	11-18-94
Condition:	NA	Analysis Needed:	TCLP Metals
		Date Extracted:	10-24-94

Parameter	Instrument Blank (mg/L)	Method Blank (mg/L)	Det. Limit (mg/L)
ARSENIC	ND	ND	0.01
BARIUM	ND	ND	0.5
CADMIUM	ND	ND	0.04
CHROMIUM	ND	ND	0.01
LEAD	ND	ND	0.001
MERCURY	ND	ND	0.002
SELENIUM	ND	ND	0.01
SILVER	ND	ND	0.01

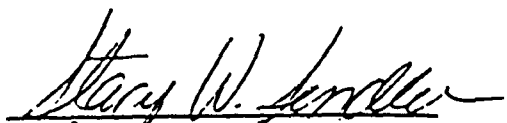
Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, Sept. 1992

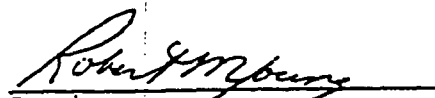
Methods 7060A, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA, 1992

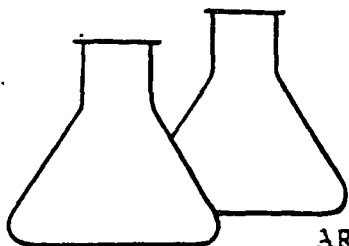
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND - Parameter not detected at the stated detection limit.

Comments: Lab Nos. 7986, 8007, 8009, 8011, 8020, 8038, QCCCK1026.


Analyst


Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615 • FAX: (505) 632-1865

AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	11-21-94
Laboratory Number:	1108TCV.BLK	Date Sampled:	NA
Sample Matrix:	Water	Date Received:	NA
Preservative:	NA	Date Analyzed:	11-08-94
Condition:	NA	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
2-Butanone	ND	0.013	200
1,1-Dichloroethene	ND	0.018	0.7
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.007	0.5
Tetrachloroethene	ND	0.006	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromochloromethane	103 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992

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

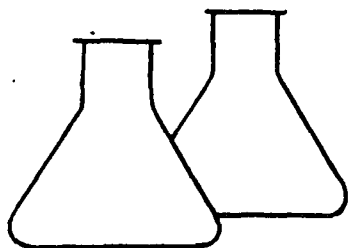
Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 7986, 8007, 8009, 8011, 8020, 8038

Rev. L. Haffin
Analyst

Tracy W. Jindler
Review



ENVIROTECH LABS

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

EPA METHOD 8040 PHENOLS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	11-21-94
Laboratory Number:	1117TCA.BLK	Date Sampled:	NA
Sample Matrix:	2-Propanol	Date Received:	NA
Preservative:	NA	Date Analyzed:	11-17-94
Condition:	NA	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	99 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

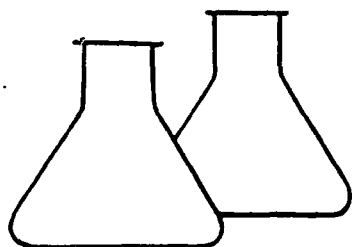
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8011, 8020, 8038, 8099

Analyst

Review



ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	11-21-94
Laboratory Number:	1121BNTC.BLK	Date Sampled:	NA
Sample Matrix:	Hexane	Date Received:	NA
Preservative:	NA	Date Extracted:	NA
Condition:	NA	Date Analyzed:	11-21-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.024	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	95 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

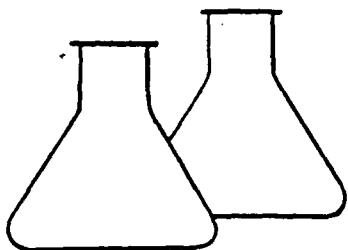
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8011, 8020, 8038, 8099

Rex L. Hoffman
Analyst

Tracy W. Anderson
Review



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PHONE: (505) 632-0615 • FAX: (505) 632-1865

** QUALITY ASSURANCE REPORT MATRIX DUPLICATE
EPA METHOD 8010/8020 AROMATIC VOLATILE/HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:
Sample ID:	Duplicate Sample	Date Reported: 11-21-94
Laboratory Number:	7986DUP.	Date Sampled:
Sample Matrix:	Soil	Date Received:
Analysis Requested:	TCLP	Date Analyzed: 11-08-94
Condition:	NA	

Parameter	Sample Result (ug/L)	Duplicate Sample Result (ug/L)	Percent Difference
Vinyl Chloride	ND	ND	0.0
1,1-Dichloroethene	ND	ND	0.0
2-Butanone	ND	ND	0.0
Chloroform	ND	ND	0.0
Carbon Tetrachloride	ND	ND	0.0
Benzene	ND	ND	0.0
1,2-Dichloroethane	ND	ND	0.0
Trichloroethene	ND	ND	0.0
Tetrachloroethene	ND	ND	0.0
Chlorobenzene	ND	ND	0.0
1,4-Dichlorobenzene	ND	ND	0.0

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

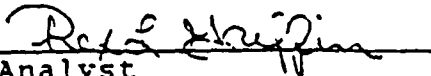
Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

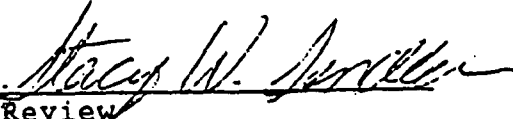
Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.

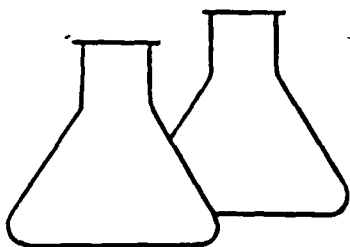
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples: 7986, 8007, 8009, 8011, 8020, 8038


Analyst


Review



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PHONE: (505) 632-0615 • FAX: (505) 632-1865

**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE**
EPA METHOD 8040 PHENOLS

Client:		Project #:	
Sample ID:	Duplicate sample	Date Reported:	11-22-94
Laboratory Number:	7986TCA	Date Sampled:	
Sample Matrix:	Soil	Date Received:	
Preservative:	Cool	Date Analyzed:	11-19-94
Condition:	Cool & intact	Analysis Requested:	TCLP

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Percent Difference
o-Cresol	ND	ND	0.0
cresol	ND	ND	0.0
2,4,6-Trichlorophenol	ND	ND	0.0
2,4,5-Trichlorophenol	ND	ND	0.0
Pentachlorophenol	0.037	0.030	19.0

QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

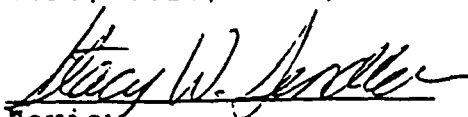
Method: Method 5030, Purge-and-Trap, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

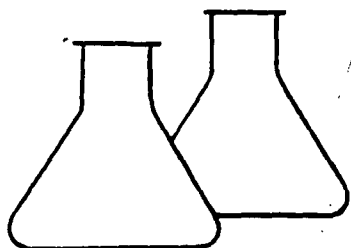
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8020, 8020, 8038, 8099


Analyst


Review



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**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE**
EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:		Project #:	
Sample ID:	Duplicate sample	Date Reported:	11-22-94
Laboratory Number:	8099 BNTC	Date Sampled:	
Sample Matrix:	Soil	Date Received:	
Preservative:	Cool	Date Analyzed:	11-21-94
Condition:	Cool & intact	Analysis Requested:	TCLP

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Percent Difference
Pyridine	ND	ND	0.0
Hexachloroethane	0.064	0.064	0.0
Nitrobenzene	ND	ND	0.0
Hexachlorobutadiene	ND	ND	0.0
2,4-Dinitrotoluene	ND	ND	0.0
Hexachlorobenzene	ND	ND	0.0

QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

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

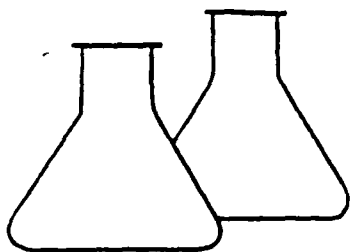
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8020, 8020, 8038, 8099

Analyst

Review



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PHONE: (505) 632-0615 • FAX: (505) 632-1865

QUALITY ASSURANCE REPORT

TRACE METAL ANALYSIS - MATRIX SPIKE

Client:	NA	Project #:	NA
Sample ID:	7986 SPK	Date Reported:	11-18-94
Laboratory Number:	7986	Date Sampled:	NA
Sample Matrix:	Liquid	Date Received:	NA
Analysis Requested:	Trace Metals	Date Analyzed:	11-18-94
Condition:	NA		

Parameter	Spike Added (mg/L)	Sample Result (mg/L)	Spiked Sample Result (mg/L)	Percent Recovery
ARSENIC	0.1000	ND	0.12	120
BARIUM	10.00	ND	10.1	101
CADMIUM	1.0000	0.23	0.92	69
CHROMIUM	0.1000	0.01	0.13	120
LEAD	0.1000	0.02	0.12	100
MERCURY	0.1000	ND	0.08	80
SELENIUM	0.1000	ND	0.07	70
SILVER	1.000	0.02	0.95	93

QA ACCEPTANCE CRITERIA:	Parameter	Acceptance Range %
	Trace Metals	80 - 120

Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND - Parameter not detected at the stated detection limit.

Comments: Spike recoveries for Cadmium and Selenium are slightly low.

Analyst

Review

CHAIN OF CUSTODY RECORD

Client/Project Name			Project Location		ANALYSIS/PARAMETERS								
HALLIBURTON SERVICES CO.			4109 EAST MAIN FARMINGTON										
Sampler: (Signature)			Chain of Custody Tape No.		No. of Containers	TCLP	PCRA						Remarks
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix									No HERB or PEST Required
#1 WASH BAY	10/18/94	15:30	7986	Soil	1	✓	✓						
Solids Cont													
Relinquished by: (Signature)			Date	Time	Received by: (Signature)				Date	Time			
Mandi D. Young			10/18/94	1:71:10	Robert M. Young				10/18/94	1:71:10			
Relinquished by: (Signature)					Received by: (Signature)								
Relinquished by: (Signature)					Received by: (Signature)								

ENVIROTECH INC.
 5796 U.S. Highway 61-3014
 Farmington, New Mexico 87401
 (505) 632-0615

use 1996 Form 970-9

93105-01

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter <i>ENVIROTECH</i>	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator <i>LAD TANKERS</i>	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site <i>Navajo Dam Spill</i>	
7. Originating Location of Material (Street Address or ULSTR) <i>S19, T30N, R7W NMPM</i>	8. State <i>New Mexico</i>	
9. <u>Check One</u> ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for Transportation: <i>3/95</i>		

BRIEF DESCRIPTION OF THE MATERIAL:

Clean up of Lad Tanker produced water hauler wreck at Navajo Dam Spillway.

RECEIVED
MAR - 2 1995
OIL CON. DIV.
DIST. 3

RECEIVED
FEB 28 1995
Environmental Bureau
Oil Conservation Division

RECEIVED
FEB 24 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 8 dry drums + 2.5 cy (4.5 cy total) Known Volume (to be entered by the operator at the end of the haul): _____ yd³
 I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 2/23/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Zant TITLE Geologist DATE 2/27/95

APPROVED BY C. S. Zant TITLE Geologist DATE 2-28-95

CONDITIONS OF APPROVAL, IF ANY:

93105-01

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter <i>ENVIROTECH</i>	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator <i>LAD TANKERS</i>	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site <i>Navajo Dam Spill</i>	
7. Originating Location of Material (Street Address or ULSTR) <i>S19, T30N, R7W NMPM</i>	8. State <i>New Mexico</i>	
9. <u>Check One</u> ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for Transportation: <i>3/95</i>		

BRIEF DESCRIPTION OF THE MATERIAL:

Clean up of Lad Tanker produced water hauler wreck at Navajo Dam Spillway.

RECEIVED
FEB 24 1995
OIL CON. DIV.
DIST. 3

Estimated Volume *8 dry drums + 2.5 cy (4.5 cy total)* yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³
 I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Robert Young* TITLE *Land Farm Supervisor* DATE *2/23/95*

TYPE OR PRINT NAME *Robert Young* TELEPHONE NO. *505-632-0615*

(This space for State Use)

APPROVED BY *Denny Z. Faint* TITLE *Geologist* DATE *2/27/95*

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Santa Fe 2/27/95

ENVIROTECH INC.

93105-01
UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS
OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: Navajo Dam Truck Spill
Source: Produced water hauler wreck
Disposal Location: Envirotech Soil Remediation Facility, (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for LAD TANKER'S INC concur with the status of the waste from the subject site.

Name Craig Peterson
Title/Agency VICE - PRESIDENT
LAD TANKER'S INC
Address P.O. Box 937
AZTEC N.M. 87410
Signature Craig Peterson
Date 2-23-95

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

February 11, 1995

Mr. Butch Shepard
LAD Tankers, Inc.
1147 U.S. Highway 550
Aztec, New Mexico 87410

Dear Butch,

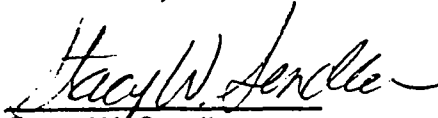
Enclosed are the analytical results for one composite soil sample collected by Envirotech personnel from the Navajo Dam Tanker Spill Site soil on 01/03/95. This composite soil sample was delivered to the Envirotech laboratory on 01/03/95 for Hazardous Waste Characterization analysis (TCLP without herbicides and pesticides, and RCRA characterization). The sample was logged in on Envirotech Chain of Custody No. 4057, and identified as Laboratory No. 8152 for laboratory tracking.

Results of the analysis indicate that this material is not a characteristic hazardous waste as defined by 40 CFR, Section 261, Subpart C. This material is therefore acceptable for disposal at the Envirotech Soil Remediation Facility (ESRF), Landfarm #2 located at Hilltop, New Mexico.

A Certificate of Waste Status is enclosed and must be completed and received by Envirotech prior to transportation of the soil to the ESRF. A fax copy is acceptable ((505) 632-1865). The ESRF soil disposal fee for EPNG is \$18.00 per cubic yard. Transportation and loading services are also available from Envirotech, Inc..

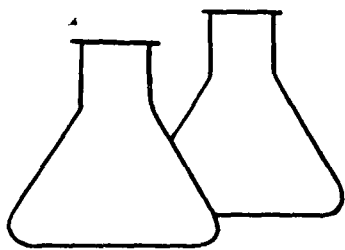
Should you have any questions or require additional information, please do not hesitate to contact us at (505) 632-0615. It has been our pleasure doing business with you, and we hope you will consider Envirotech, Inc. for any of your future environmental contracting and analysis needs.

Respectively submitted,
Envirotech, Inc.


Stacy W. Sandler
Environmental Scientist

enc.
SWS/sws

93105-01/lab



ENVIROTECH LABS

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

SUSPECTED HAZARDOUS & SOLID WASTE ANALYSIS

Client:	LAD Tanker	Project #:	93105
Sample ID:	5-point Composite	Date Reported:	02-01-95
Lab ID#:	8152	Date Sampled:	01-03-95
Sample Matrix:	Soil	Date Received:	01-03-95
Preservative:	Cool	Date Analyzed:	01-03-95
Condition:	Cool & Intact	Chain of Custody:	4057

IGNITABILITY: Did not ignite upon direct contact with flame.

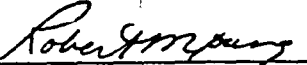
CORROSIVITY: pH of 7.40

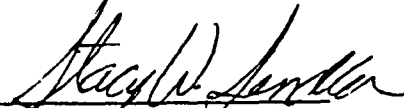
REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

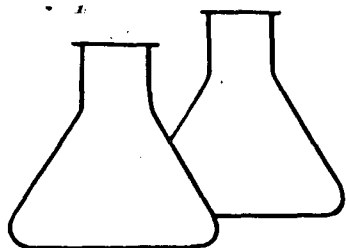
Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: $\leq$ pH 2 or $\geq$ pH 12.5 is hazardous waste.

Navajo Dam Spill - 5-point Composite.


Analyst


Reviewed



ENVIROTECH LABS

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

EPA METHODS 8010/8020 AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	Lad Tankers	Project #:	93105
Sample ID:	5-Point Composite	Date Reported:	01-27-95
Laboratory Number:	8152	Date Sampled:	01-03-95
Chain of Custody:	4057	Date Received:	01-03-95
Sample Matrix:	Soil	Date Extracted:	01-03-95
Preservative:	Cool	Date Analyzed:	01-05-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
1,1-Dichloroethene	0.006	0.006	0.7
2-Butanone	ND	0.007	200
Chloroform	0.031	0.005	6.0
Carbon Tetrachloride	ND	0.006	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.013	0.5
Trichloroethene	ND	0.006	0.5
Tetrachloroethene	ND	0.007	0.7
Chlorobenzene	ND	0.021	100
1,4-Dichlorobenzene	ND	0.056	7.5

SURROGATE RECOVERIES:

Parameter	Percent Recovery
Bromochloromethane	85 %
Bromofluorobenzene	103 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

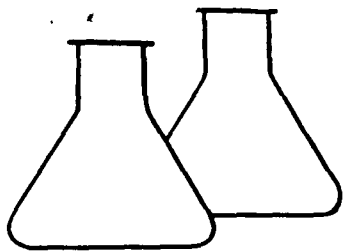
Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Lad Tankers - Navajo Dam Spill

Rex Griffin by Rmy
Analyst

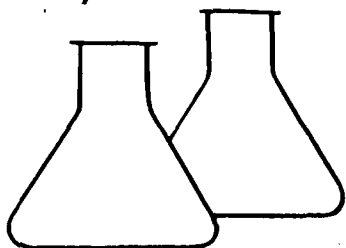
Tracy W. Jernell
Review



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AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:	NA
Sample ID:	Lab Blank	Date Reported:	01-27-95
Laboratory Number:	0105TVLB	Date Sampled:	NA
Sample Matrix:	Water	Date Received:	NA
Preservative:	NA	Date Analyzed:	01-05-95
Condition:	NA	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
2-Butanone	ND	0.006	200
1,1-Dichloroethene	ND	0.007	0.7
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.006	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.013	0.5
Trichloroethene	ND	0.006	0.5
Tetrachloroethene	ND	0.007	0.7
Chlorobenzene	ND	0.021	100
1,4-Dichlorobenzene	ND	0.056	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromofluorobenzene	92 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992

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

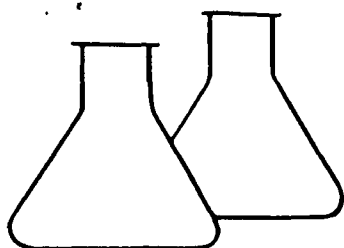
Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8150, 8152, 8159, 8160

Analyst

Review



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EPA METHODS 8010/8020 AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:	NA
Sample ID:	01-03-95 Meth Blnk	Date Reported:	01-27-95
Laboratory Number:	0103TVMB	Date Sampled:	NA
Chain of Custody:	NA	Date Received:	NA
Sample Matrix:	Soil	Date Extracted:	01-03-95
Preservative:	Cool	Date Analyzed:	01-05-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
1,1-Dichloroethene	ND	0.006	0.7
2-Butanone	ND	0.007	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.006	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.013	0.5
Trichloroethene	ND	0.006	0.5
Tetrachloroethene	ND	0.007	0.7
Chlorobenzene	ND	0.021	100
1,4-Dichlorobenzene	ND	0.056	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromofluorobenzene	102 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

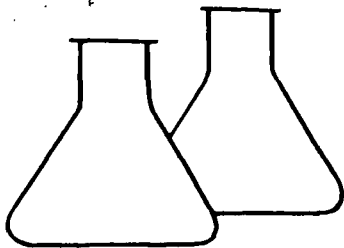
Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: 01-03-95 TCLP Volatiles Method Blank
QA/QC for samples 8150, 8152, 8159, 8160.

Analyst

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** QUALITY ASSURANCE REPORT MATRIX DUPLICATE
EPA METHOD 8010/8020 AROMATIC VOLATILE/HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:
Sample ID:	Duplicate Sample	Date Reported: 01-27-95
Laboratory Number:	8159DUP	Date Sampled:
Sample Matrix:	Soil	Date Received:
Analysis Requested:	TCLP	Date Analyzed: 01-05-95
Condition:	NA	

Parameter	Sample Result (mg/L)	Duplicate Sample Result (mg/L)	Detection Limits (mg/L)	Percent Difference
Vinyl Chloride	ND	ND	0.005	0.0
1,1-Dichloroethene	0.008	0.010	0.006	29.9
2-Butanone	ND	ND	0.007	0.0
Chloroform	ND	ND	0.005	0.0
Carbon Tetrachloride	ND	ND	0.006	0.0
Benzene	ND	ND	0.005	0.0
1,2-Dichloroethane	ND	ND	0.013	0.0
Trichloroethene	ND	ND	0.006	0.0
Tetrachloroethene	0.286	0.286	0.007	0.0
Chlorobenzene	ND	ND	0.021	0.0
1,4-Dichlorobenzene	ND	ND	0.056	0.0

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

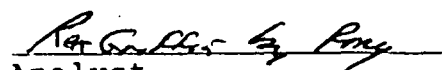
Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

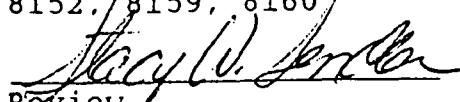
Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.

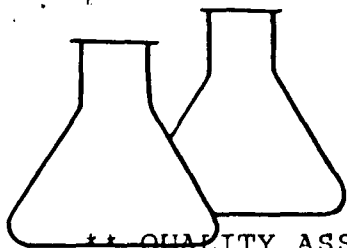
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: Duplicate of 8159
QA/QC for samples: 8150, 8152, 8159, 8160


Analyst


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*** QUALITY ASSURANCE

EPA METHODS 8010/8020

MATRIX SPIKE - AROMATIC / HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Spike	Date Reported:	01-30-95
Laboratory Number:	8152SPK	Date Sampled:	01-03-95
Sample Matrix:	Soil	Date Received:	01-03-95
Analysis Requested:	TCLP	Date Analyzed:	01-05-95
Condition:	NA		

Parameter	Sample Result (mg/L)	Spike Added (mg/L)	Spiked Sample Result (mg/L)	Det. Limit (mg/L)	Percent Recovery	SW-846 % Rec. Accept. Range
Vinyl Chloride	ND	0.10	0.12	0.005	121	28-163
1,1-Dichloroethene	0.01	0.10	0.08	0.006	74	43-143
2-Butanone	ND	0.10	0.16	0.007	157	47-132
Chloroform	0.03	0.10	0.04	0.005	12	49-133
Carbon Tetrachloride	ND	0.10	0.09	0.006	91	43-143
Benzene	ND	0.10	0.15	0.005	148	39-150
1,2-Dichloroethane	ND	0.10	0.10	0.013	100	51-147
Trichloroethene	ND	0.10	0.08	0.006	77	35-146
Tetrachloroethene	ND	0.10	0.17	0.007	168	26-162
Chlorobenzene	ND	0.10	0.16	0.021	157	38-150
1,4-Dichlorobenzene	ND	0.10	0.07	0.056	74	42-143

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.

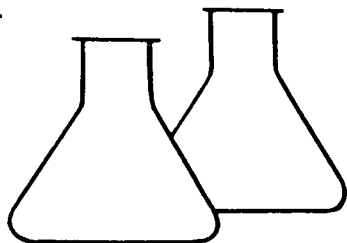
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: 2-Butanone, Chloroform, Tetrachloroethene, and Chlorobenzene
recoveries are outside of specified recovery limits due to
matrix interference.

Rex Griffin
Analyst

Harvey W. Jordan
Review



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EPA METHOD 8040 PHENOLS

Client:	Lad Tankers	Project #:	93105
Sample ID:	5-Pt Composite	Date Reported:	01-16-95
Laboratory Number:	8152	Date Sampled:	01-03-95
Chain of Custody:	4057	Date Received:	01-03-95
Sample Matrix:	Soil	Date Extracted:	01-03-95
Preservative:	Cool	Date Analyzed:	01-13-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	86 %
	2,4,6-tribromophenol	111 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

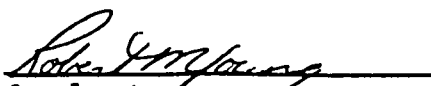
Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

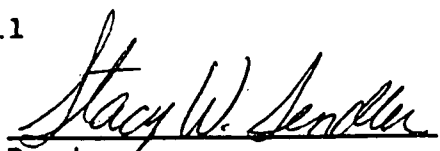
Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

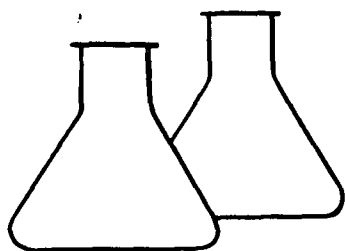
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Lad Tanker - Navajo Dam Spill


Analyst

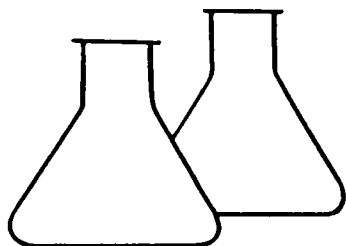

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EPA METHOD 8040 PHENOLS

Client:	NA	Project #:	NA
Sample ID:	Lab Blank	Date Reported:	01-16-95
Laboratory Number:	0113TALB	Date Sampled:	NA
Sample Matrix:	2-Propanol	Date Received:	NA
Preservative:	NA	Date Analyzed:	01-13-95
Condition:	NA	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	91 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

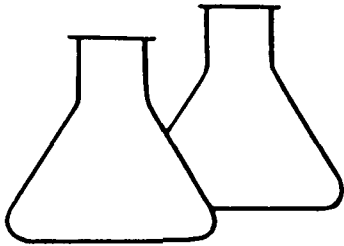
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8150, 8152, 8159, 8160.

Robert M. Young
Analyst

Stacy W. Senter
Review



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EPA METHOD 8040 PHENOLS

Client:	NA	Project #:	NA
Sample ID:	1-3-95 Method Blnk	Date Reported:	01-16-95
Laboratory Number:	0103AEMB	Date Sampled:	01-03-95
Chain of Custody:	N/A	Date Received:	NA
Sample Matrix:	Soil	Date Extracted:	01-03-95
Preservative:	Cool	Date Analyzed:	01-13-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	93 %
	2,4,6-tribromophenol	99 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

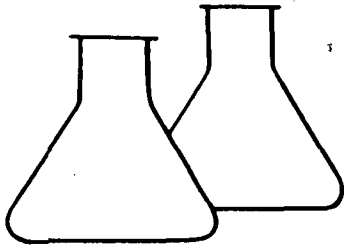
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: TCLP Extraction Method Blank
For Samples 8050, 8052, 8059, 8060.

Ron Thompson
Analyst

Stacy W. Sandler
Review



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**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE**
EPA METHOD 8040 PHENOLS

Client:	Envirotech Lab	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	01-16-95
Laboratory Number:	8150MDUP	Date Sampled:	12-22-94
Sample Matrix:	Soil	Date Received:	12-22-94
Preservative:	Cool	Date Analyzed:	01-13-95
Condition:	Cool & intact	Analysis Requested:	TCLP

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Percent Difference
o-Cresol	ND	ND	0.0
cresol	ND	ND	0.0
2,4,6-Trichlorophenol	ND	ND	0.0
2,4,5-Trichlorophenol	ND	ND	0.0
Pentachlorophenol	ND	ND	0.0

QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

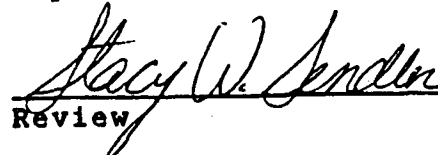
Method: Method 5030, Purge-and-Trap, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

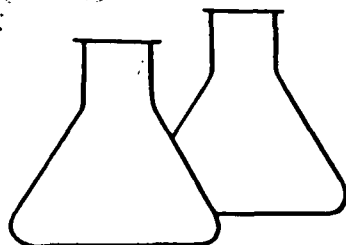
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC Matrix Duplicate for samples
8150, 8152, 8159, 8160.


Analyst


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EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	Lad Tanker	Project #:	93105
Sample ID:	5-Pnt Comp	Date Reported:	01-19-95
Laboratory Number:	8152	Date Sampled:	01-03-95
Chain of Custody:	4057	Date Received:	01-03-95
Sample Matrix:	Soil	Date Extracted:	01-03-95
Preservative:	Cool	Date Analyzed:	01-16-95
Condition:	Cool and Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	0.129	0.020	3.0
Nitrobenzene	ND	0.093	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	0.020	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	108 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

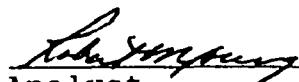
Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

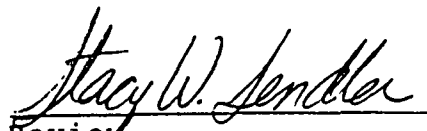
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

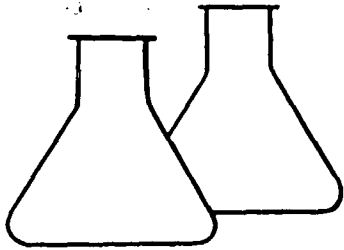
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Navajo Dam Spill


Analyst

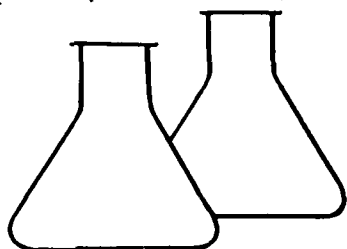

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EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	01-17-95
Laboratory Number:	0116BNLB	Date Sampled:	NA
Sample Matrix:	Hexane	Date Received:	NA
Preservative:	NA	Date Extracted:	NA
Condition:	NA	Date Analyzed:	01-16-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.093	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	113 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

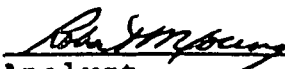
Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

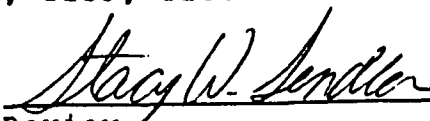
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

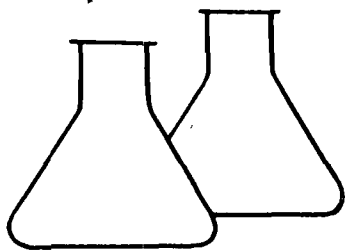
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8150, 8152, 8159, 8160


Analyst


Review



ENVIROTECH LABS

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

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	NA	Project #:	NA
Sample ID:	Method Blank	Date Reported:	01-19-95
Laboratory Number:	0103TCMB	Date Sampled:	NA
Sample Matrix:	Soil	Date Received:	NA
Preservative:	NA	Date Extracted:	01-03-95
Condition:	NA	Date Analyzed:	01-16-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.093	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	113 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

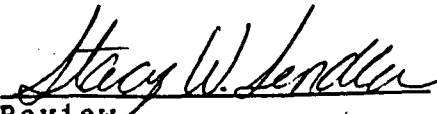
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

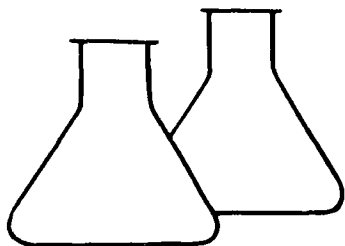
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: 1-03-95 TCLP Extraction Method Blank


Analyst


Review



ENVIROTECH LABS

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

**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE**
EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:		Project #:	
Sample ID:	Duplicate sample	Date Reported:	01-19-95
Laboratory Number:	8150	Date Sampled:	12-22-94
Sample Matrix:	Soil	Date Received:	12-22-94
Preservative:	Cool	Date Extracted:	01-04-95
Condition:	Cool & intact	Date Analyzed:	01-16-95
		Analysis Requested:	TCLP

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference
Pyridine	ND	ND	0.0
Hexachloroethane	ND	ND	0.0
Nitrobenzene	0.104	ND	11.2
Hexachlorobutadiene	ND	ND	0.0
2,4-Dinitrotoluene	ND	ND	0.0
Hexachlorobenzene	ND	ND	0.0

QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

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

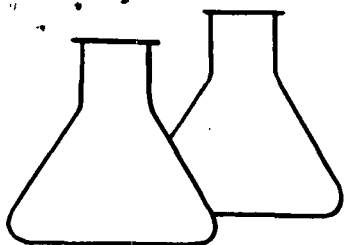
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 8150, 8152, 8159, 8160

Robert M. Young
Analyst

Stacy W. Sandler
Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 1311

TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	LAD Tanker	Project #:	93105
Sample ID:	5-point composite	Date Reported:	02-01-95
Laboratory Number:	8152	Date Sampled:	01-03-95
Sample Matrix:	Soil	Date Received:	01-03-95
Preservative:	Cool	Date Analyzed:	01-31-95
Condition:	Cool & Intact	Date Extracted:	01-03-95
Chain of Custody:	4057	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
ARSENIC	0.015	0.002	5.000
BARIUM	ND	1.35	100.0
CADMIUM	0.010	0.003	1.000
CHROMIUM	ND	0.008	5.000
LEAD	0.43	0.25	5.000
MERCURY	ND	0.002	0.200
SELENIUM	ND	0.004	1.000
SILVER	ND	0.01	5.00

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

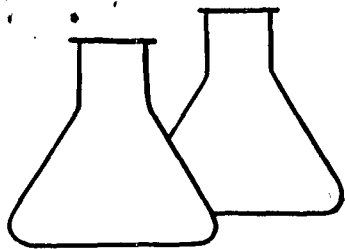
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Navajo Dam Spill - 5-point composite sample.

Nathan Spencer
Analyst

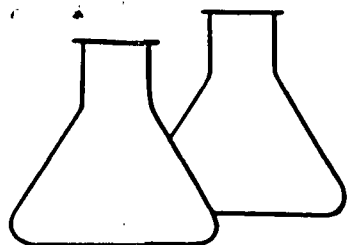
Hay W. Kneller
Review



ENVIROTECH LABS

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

**QUALITY ASSURANCE / QUALITY CONTROL
DOCUMENTATION**



ENVIROTECH LABS

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

TRACE METAL ANALYSIS - BLANKS

Client:	QA/QC	Project #:	NA
Sample ID:	Method Blank	Date Reported:	02-01-95
Laboratory Number:	MB0103	Date Sampled:	NA
Sample Matrix:	Water	Date Received:	NA
Preservative:	Cool	Date Analyzed:	01-31-95
Condition:	NA	Analysis Needed:	Trace Metals

Parameter	Instrument Blank (mg/L)	Method Blank (mg/L)	Det. Limit (mg/L)
ARSENIC	ND	ND	0.002
BARIUM	ND	ND	1.35
CADMIUM	ND	ND	0.003
CHROMIUM	ND	ND	0.008
LEAD	ND	ND	0.25
MERCURY	ND	ND	0.002
SELENIUM	ND	ND	0.004
SILVER	ND	ND	0.01

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, Sept. 1992

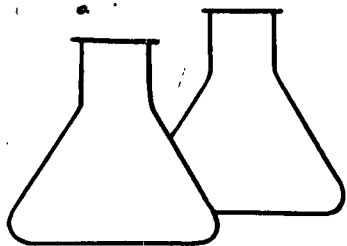
Methods 7060A, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8150, 8152, 8159, 8160.


Analyst


Review



ENVIROTECH LABS

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

TRACE METAL ANALYSIS - DUPLICATE

Client:	QA/QC	Project #:	NA
Sample ID:	Matrix Duplicate	Date Reported:	02-01-95
Laboratory Number:	8150MDUP	Date Sampled:	NA
Sample Matrix:	Water	Date Received:	NA
Analysis Requested:	Trace Metals	Date Analyzed:	01-31-95
Condition:	NA	Date Extracted:	01-03-95

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference
ARSENIC	0.005	0.004	22
BARIUM	ND	ND	0.0
CADMIUM	0.006	0.006	0.0
CHROMIUM	ND	ND	0.0
LEAD	0.197	0.180	9.0
MERCURY	ND	ND	0.0
SELENIUM	ND	ND	0.0
SILVER	ND	ND	0.0

QA ACCEPTANCE CRITERIA:	Parameter	Acceptance Range %
	Trace Metals	+ - 30%

Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

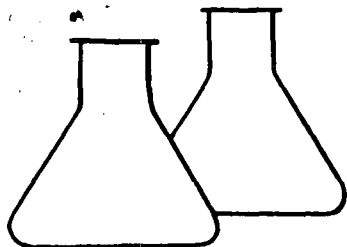
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8150, 8152, 8159, 8160, 8190 and 8191.

Nathan Spencer
Analyst

Hay W. Sandler
Review



ENVIROTECH LABS

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

QUALITY ASSURANCE REPORT
EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS - MATRIX SPIKE

Client:	QA/QC	Project #:	NA
Sample ID:	Matrix Spike	Date Reported:	02-01-95
Laboratory Number:	MSPK	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Analysis Requested:	Trace Metals	Date Analyzed:	01-31-95
Condition:	NA	Date Extracted:	01-03-95

Parameter	Spike Added (mg/L)	Sample Result (mg/L)	Spiked Sample Result (mg/L)	Percent Recovery
ARSENIC	0.100	0.007	0.109	102
BARIUM	10.0	1.79	15.4	136
CADMIUM	0.100	0.010	0.125	115
CHROMIUM	0.100	ND	0.110	110
LEAD	0.100	0.02	0.140	120
MERCURY	0.050	ND	0.043	86
SELENIUM	0.050	ND	0.061	118
SILVER	4.00	ND	3.68	92

QA ACCEPTANCE CRITERIA:	Parameter	Acceptance Range %
	Trace Metals	80 - 120

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8150, 8152, 8159, 8160, 8190 and 8191.
Recovery for Barium is slightly high due to matrix interference.

Natasha Spencer
Analyst

Stacy W. Sander
Review

CHAIN OF CUSTODY RECORD

Client/Project Name LAD TANKER #9305			Project Location NAVAJO DAM SPILL		ANALYSIS/PARAMETERS								
Sampler: (Signature) SW Sandler			Chain of Custody Tape No.		No. of Containers 1	TCLP X	NO HEAVY METALS X	RCRA IGNITABILITY X	RCRA CORROSIVITY X	RCRA REACTIVITY X			Remarks
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix									
S-PNT COMP	1/3/95	0835	8152	SOIL									
Relinquished by: (Signature) [Signature]			Date 1/3/95	Time 0835	Received by: (Signature) Reed & Hoffman						Date 1/3/95	Time 8 45	
Relinquished by: (Signature)					Received by: (Signature)								
Relinquished by: (Signature)					Received by: (Signature)								

ENVIROTECH INC.
 5796 U.S. Highway 64-3014
 Farmington, New Mexico 87401
 (505) 632-0615

04047

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter Doug Fautz	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator EL Paso Natural Gas	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site Various Pits	
7. Originating Location of Material (Street Address or ULSTR) SEE ATTACHED LIST.	8. State New Mexico	

9. Check One

- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Date(s) for Transportation: JANUARY 1995

BRIEF DESCRIPTION OF THE MATERIAL:

Contaminated Soil from various dehydrator pits and drip pits. IN THE State of New Mexico

FOR JANUARY 1995

RECEIVED
FEB 22 1995
OIL CON. DIV.
DIST. 3

Estimated Volume _____ yd³ Known Volume (to be entered by the operator at the end of the haul): 450 yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young for RMT TITLE Land Farm Supervisor DATE 2-16-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Fautz TITLE Geologist DATE 2/23/95

APPROVED BY Janie Beach TITLE Cerologist DATE 2/23/95

CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

RECEIVED

J - 9 1995

04047

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: A list of pit closure sites is attached. January 1995.

Source: Various dehydrator and drip pits in the State of New Mexico.

Disposal Location: Envirotech Soil Remediation Facility, (ESRF)
Hilltop, New Mexico

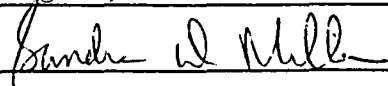
"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned as the agent for the El Paso Natural Gas Company
concur with the status of the waste from the subject site.

Name Sandra D. Miller

Title/Agency SR. Environmental Scientist
El Paso Natural Gas Company

Address P.O. Box 4990
Farmington, NM 87499

Signature 

Date February 8, 1995

Page No. 1
02/08/95

04047

CLOSED	METER	METER2	LOCATION	S_T_R_L
01/09/95	71098		Rincon U #49	31-27-06-B
01/09/95	73319		Rincon U #154	30-27-06-O
01/10/95	71046		Rincon U #54	14-27-07-G
01/10/95	70881		Rincon U #27	13-27-07-M
01/10/95	71025		Rincon U #48	30-27-06-N
01/20/95	89638		Johnston Fed #1A	12-30-09-F

JANUARY 1995
LANDFARM #2

TOTAL YARDAGE THIS PAGE: 450

91364-08

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ <i>ERWIN BUSH 2/1/95</i> Verbal Approval Received: Yes ☒ No ☐ <i>11:00 AM Rm</i> (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter <i>Meridian Transportation</i>	
2. Destination <i>Land Farm # 2 Envirotech Soil Remediation Facility</i>	5. Generator <i>Meridian</i>	
3. Address of Facility Operator <i>5796 US Hwy. 64-3014 Farmington, NM 87401</i>	6. Name of Originating Site <i>ARCH Rock Compressor Station</i>	
7. Originating Location of Material (Street Address or ULSTR) <i>514, T3IN, RIDW, NUPH San Juan Cty, NM.</i>	8. State <i>New Mexico</i>	
9. Check One ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport.		
Projected Date(s) for Transportation:		
BRIEF DESCRIPTION OF THE MATERIAL:		

3-4 cubic yards of Triethylene Glycol ~~soil~~ Contaminated Soil from a dehydrator malfunction

RECEIVED
MAR - 1 1995
OIL CON. DIV.
DIST. 3

BOL 5656
10 cu
Placed LF#2 D-19
2-1-95

Estimated Volume 4 yd³ Known Volume (to be entered by the operator at the end of the haul): 10 yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 2/1/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Funt TITLE Geologist DATE 3/1/95

APPROVED BY Erwin Bush TITLE Geologist DATE 3/25/95

CONDITIONS OF APPROVAL, IF ANY:

ENV RO' TECH NC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS
OILFIELD EXEMPT WASTE

Originating Location: T.31N, R.10W, sec 14 Arch Rock Compressor Station
Source: Triethylene Glycol Gas Dehydrator
Disposal Location: Envirotech Soil Remediation Facility. (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Meridian Oil Inc.
concur with the status of the waste from the subject site.

Name Craig A. Bock
Title/Agency Assoc. Env. Representative
Address P.O. Box 4289, Farmington
NM 87499-4289
Signature C. A. Bock
Date 02/01/95

5656

MONTH C

Feb 1 - 75

MONTH C

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

DATE _____

Envirotech Exempt Waste Manifest Meridian Oil Inc.

PO Box 4289, Farmington, NM 87499

MOI
Safety and
Environmental

1. Waste Location: Lease/Well No. T 314, R 10W, Sec 14 Arch Rock
Compressor Station
2. Volume: 10 Cubic Yards Barrels Gallons
3. Description of Waste: Triethylene Glycol Contaminated
soil
4. Method of Waste Generation: Release from a Gas
dehydrator
5. Disposal Cost: \$16/yd³
6. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal

(signature)

Date 02/01/95

MOI
On Site
Representative

Transportation Company: BEI / Fountz

Date(s) Transported:

02/01/95

MOI Representative on Site

(signature)

Date 02/01/95

Envirotech
Complete and
return to
Meridian
Safety and
Environmental
with invoice.

Date(s) Received:

Total Volume Received:

Waste Location : Cell/Grid No.

Received By :

(signature)

*Please send copies
to Craig Bock MOI.*

92197

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ 1/3/95 (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter ENVIROTECH	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator Meridian Oil	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site Val Verde Plant	
7. Originating Location of Material (Street Address or ULSTR) A-14-T29N-R11W, NMPM	8. State New Mexico	
9. Check One ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for Transportation: 1/95		

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of Charcoal Filter Media for Amine Filtration

RECEIVED
MAR - 1 1995
OIL CON. DIV.
DIST. 3

Rec 20 cu 1/3/95 D-19
Placed into LF #2
BOX 3685

Estimated Volume 20 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³
 I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 1/3/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Fout TITLE Geologist DATE 3/1/95

APPROVED BY Eric Bruch TITLE Geologist DATE 3/1/95

CONDITIONS OF APPROVAL, IF ANY:

Envirotech Exempt Waste Manifest
Meridian Oil Inc.
PO Box 4288, Farmington, NM 87409

Safety and
Environment

1. Waste Location: Lease/Well No. 161 under Plant
2. Volume: 20 Cubic Yards Barrels Gallons
3. Description of Waste: Activated Charcoal Filter media for use in water filtration
4. Method of Waste Generation: Exhaustion of media & TSC
5. Approval for Disposal [Signature] Date 1/3/95
(signature)

MOI
Representative

Transportation Company: Envirotech
Date(s) Transported: 1-3-95
MOI Representative on Site: [Signature] Date 1-3-95
(signature)

Envirotech
Complete and
return to
Meridian
Safety and
Environment
with invoice.

Date(s) Received: 1-3-95 [Signature]
Total Volume Received: 20 C.Y.D.
Waste Location: Cell/Grid No. _____
Disposal Cost: _____

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: Val Verde Plant
Source: NDEA & TEG EIL-12
Disposal Location: Envirotech Soil Remediation Facility (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Meridian Oil Inc.
concur with the status of the waste from the subject site.

Name Craig A. Beck
Title/Agency Associate Environmental Representative
Address 20 Box 4288, Farmington NM, 87402-4288
Signature C. A. Beck
Date 1/3/95

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)		XXXXXXXXXXXXXXXXXXXXXXXXXXXX 4. Name of Transporter Meridian
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility		5. Generator Meridian Oil Inc.
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401		6. Name of Originating Site Meridian Transportation Yard
7. Originating Location of Material (Street Address or ULSTR) TRANSPORTATION STORAGE YARD 6001 Hwy 64 FARMINGTON N.M.		8. State New Mexico

9. Check One

- ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Date(s) for Transportation: Feb 1, 1995

BRIEF DESCRIPTION OF THE MATERIAL:

Clean of diesel contaminated Soil. (20 gallon fuel spill onto sand and gravel near fuel island.)

RECEIVED
FEB 13 1995
OIL CON. DIV.
DIST. 3

RECEIVED
JAN 27 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 2 cu yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 1-27-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Fount TITLE Geologist DATE 1-27-95

APPROVED BY C. Quintin TITLE GEOLOGIST DATE 1-31-95

CONDITIONS OF APPROVAL, IF ANY:

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter Meridian	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator Meridian Oil Inc.	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site Meridian Transportation Yard	
7. Originating Location of Material (Street Address or ULSTR) TRANSPORTATION STORAGE YARD 6001 Hwy 64 FARMINGTON N.M.	8. State New Mexico.	

9. Check One

- ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
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Projected Date(s) for Transportation: Feb 1, 1995

BRIEF DESCRIPTION OF THE MATERIAL:

Clean of diesel contaminated Soil. (20 gallon fuel spill onto sand and gravel near fuel island.)

RECEIVED
JAN 27 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 2 cu yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 1-27-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Funt TITLE Geologist DATE 1-27-95

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS
OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: Transportation Storage Yard.
6001 HWY 64, Farmington NM
Source: Diesel Storage tank
Disposal Location: Envirotech Soil Remediation Facility, (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Meridian Oil Inc.
concur with the status of the waste from the subject site.

Name Craig A. Beck
Title/Agency Asst. Environmental
Representative
Address P.O. Box 4289, Farmington
NM, 87409-4289
Signature C. A. Beck
Date 1-27-95

RECEIVED JAN 23 1995

MERIDIAN OIL

January 24, 1995

Rob Young
Landfarm Supervisor
Envirotech
5796 U.S. Hwy. 64-3014
Farmington, NM 87401

**Re: Diesel Contaminated Soil
Meridian Oil Transportation Yard**

Dear Mr. Young:

Meridian Oil Inc. (MOI) is providing you with a statement regarding a recent spill that occurred at the Meridian Oil Transportation Inc. Yard.

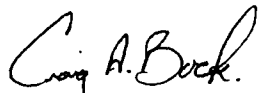
On January 9, 1995 a release of diesel fuel was discovered at the Meridian Oil Transportation Inc. Yard. The release resulted from a fuel tank overflow on a carrier truck. Approximately 20 gallons of diesel fuel contacted the gravel and soil pad around the fueling island. The gravel and soil containing the diesel fuel was excavated and placed in a plastic lined containment area for sampling and to await disposal.

Because the material released was in its pure (unused) state, MOI is applying a combination of generator's knowledge and sampling analysis to characterize the waste. An ignitability test was performed on a sample of the diesel contaminated soil. The results of that test indicate that the contaminated soil is not ignitable.

Based on the results of the ignitability test, and generators knowledge of the pure substance, the diesel contaminated soil is not a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Because diesel fuel is a hydrocarbon MOI proposes that the contaminated soil be taken to Envirotech and remediated on the surface using a landfarm technique.

Attached for your review are the results of the ignitability analysis and a Material Safety Data Sheet for the substance released. If you have any questions or wish to discuss this strategy further, please call me at 326-9537.

Sincerely,

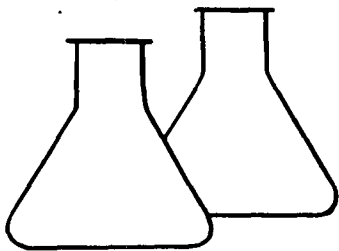


Craig A. Bock
Associate Environmental Representative

Attachment: TCLP Analysis
Material Safety Data Sheet, No. 2 Diesel Fuel

cc: Guy Garretson - MOI

s:\craig\projman\formltr\notices\trassoil.doc



ENVIROTECH LABS

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

SUSPECTED HAZARDOUS & SOLID WASTE ANALYSIS

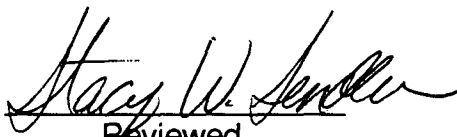
Client:	Meridian Oil, Inc.	Project #:	92197
Sample ID:	Trans Yard #1	Date Reported:	01-12-95
Lab ID#:	8178	Date Sampled:	01-12-95
Sample Matrix:	Soil	Date Received:	01-12-95
Preservative:	Cool	Date Analyzed:	01-12-95
Condition:	Cool & Intact		

IGNITABILITY: Did not ignite upon direct contact with flame.

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: Diesel soil stockpile. Delivered by Craig Bock.


Analyst


Reviewed



Conoco Inc.

GASC0220



Revised 14-Aug-91

Printed 07-Jan-92

No. 2 Diesel Fuel

MATERIAL IDENTIFICATION

Manufacturer/Distributor	Conoco Inc. P.O. Box 2197 Houston, TX 77252	
Phone Numbers	General Information	1-(713)293-5550
	Transport Emergency	1-(800)424-9300
	Medical Emergency	1-(800)441-3637
Trade Names and Synonyms	Diesel Fuel, No. 2 Diesel Fuel LC Diesel Fuel LS, No. 2 3502, 3503, 3504, 3508, 3510, 3542	
CAS Number	68476-34-6	
NFPA Ratings	Health:	0
	Flammability:	2
	Reactivity:	0
NPCA-HMIS Ratings	Health:	1
	Flammability:	2
	Reactivity:	0
	Personal Protection rating to be supplied by user depending on use conditions.	
WHMIS Classification	CLASS B Division 3 : Combustible Liquid CLASS D Division 2 Subdivision B : Toxic Material. Chronic Toxic Effects.	

OSHA HAZARD DETERMINATION

Hazardous Ingredients	CAS Number	Percent
Diesel Fuel, No. 2	68476-34-6	100

(continued)

PHYSICAL DATA

Boiling Point	350 to 680°F
Vapor Pressure	1 mm Hg at 68°F
Vapor Density	>1 (Air = 1.0)
% Volatiles	(by volume) Nil
Water Solubility	Insoluble
Odor	Aromatic
Form	Liquid
Color	Clear or light yellow
Specific Gravity	0.85-0.93 (Water = 1)

HAZARDOUS REACTIVITY

Instability	Stable.
Incompatibility	Incompatible with oxidizing materials. Avoid heat and flame.
Decomposition	Incomplete combustion may produce carbon monoxide.
Polymerization	Polymerization will not occur.

FIRE AND EXPLOSION DATA

Flash Point	130°F
Method	TCC
Flammable Limits in Air, % by Volume	LEL 0.4 UEL 6
Autoignition	494°F
Fire and Explosion Hazards	Vapor forms explosive mixture with air. Vapors or gases may travel considerable distances to ignition source and flash back. Class II Combustible Liquid (NFPA).
Extinguishing Media	Water Spray. Foam. Dry Chemical. CO2.
Special Fire Fighting Instructions	Special Fire Fighting Procedures: Use water to keep fire-exposed containers cool. If leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for personnel attempting to stop a leak. Water spray may be used to flush spills away from exposures. Unusual Fire and Explosion Hazards: Products of combustion may contain carbon monoxide, carbon dioxide and other toxic materials. Do not enter enclosed or confined space without proper protective equipment including respiratory protection.

(continued)

HEALTH HAZARD INFORMATION

Acute Toxicity Test Data

Inhalation
Skin
Oral

No Information Available.
Extremely irritating; no mortality at 5 ml/kg in rabbits
LD50 at 9 ml/kg in rats

Primary Routes of Exposure/Entry: Skin, Inhalation.

Signs and Symptoms of Exposure/Medical Conditions

Aggravated by Exposure:

It is highly unlikely that human exposure at or below the recommended exposure level poses a significant health hazard. In this regard, good workplace practices and proper engineering designs will minimize exposure. Animal studies show that prolonged or repeated inhalation exposure to high concentrations of some petroleum distillates has caused liver tumors in mice and adverse kidney effects in male rats. However, kidney effects were not seen in similar studies involving female rats, guinea pigs, dogs, or monkeys. Also, human studies do not indicate this peculiar sensitivity for kidney damage. The significance of liver tumors in mice is highly speculative and not a good indicator for predicting a potential human health hazard.

Mouse skin painting studies have shown that petroleum middle distillates (boiling range of 100-700 deg F; naphtha, jet fuel, diesel fuel, kerosene, etc.) can cause skin cancer when repeatedly applied and never washed from the animal's skin. The relative significance of this to human health is uncertain since the petroleum distillates were not washed from the skin and resulting skin effects (irritation, cell damage, etc.) may play a role in the tumorigenic response. A few studies have shown that washing the animal's skin with soap and water between treatments greatly reduces the carcinogenic effect of some petroleum oils.

Studies in mice and rats have shown that chronic exposure (8 hours/day, 7 days/week, 24 months) to unfiltered diesel exhaust produced tumors of the lung and also lymphomas. On the basis of these studies, NIOSH recommends that whole diesel exhaust be regarded as a potential carcinogen.

The product contains petroleum hydrocarbons, and as with many petroleum products, it may cause irritation to the eyes, lungs or skin after prolonged or repeated exposure. Extreme exposure or aspiration into the lungs may cause pneumonia. Overexposure may cause weakness, headache, nausea, confusion, blurred vision, drowsiness and other nervous system effects; greater exposure may cause dizziness, slurred speech, flushed face, unconsciousness or convulsions.

Carbon monoxide is a gas that can result from incomplete combustion of hydrocarbons, from detoxification of some chemicals like methylene chloride, tobacco smoke, and even from natural body processes. Carbon monoxide binds tightly to hemoglobin and interferes with oxygen transport to body tissues. Overexposure can cause headache, nausea, nervous system depression, coma, and death.

(continued)

HEALTH HAZARD INFORMATION (continued)

Carcinogenicity

None of the components in this material is listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.

Exposure Limits

No. 2 Diesel Fuel
TLV (ACGIH)
PEL (OSHA)

None Established
None Established

Safety Precautions

Wash thoroughly after handling. Wash clothing after use.

FIRST AID

Inhalation

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Skin Contact

Flush skin with water after contact. Wash contaminated clothing before reuse.

Eye Contact

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

Ingestion

If swallowed, do not induce vomiting. Immediately give two glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

Notes to Physician

Activated charcoal slurry may be administered. To prepare activated charcoal slurry, suspend 50 grams activated charcoal in 400mL water and mix thoroughly. Administer 5mL/kg, or 350mL for an average adult.

PROTECTION INFORMATION

Generally Applicable Control Measures and Precautions

Use only with adequate ventilation. Keep away from heat, sparks and flames. Keep container tightly closed. Ground container when pouring.

Personal Protective Equipment

Respiratory Protection: Select appropriate NIOSH-approved respiratory protection when needed to avoid inhalation of mist or vapors and to maintain exposures below acceptable limits.

Protective Gloves: Impervious gloves, such as neoprene or NBR, should be worn when the potential exists for prolonged or repeated skin exposure.

Eye Protection: Chemical goggles required when exposed to spray or mist or if splashing is probable.

Other Protective Equipment: Coveralls if splashing is probable. Launder contaminated clothing before reuse.

(continued)

SPILL, LEAK AND DISPOSAL INFORMATION

Spill, Leak, or Release

NOTE: Review FIRE AND EXPLOSION HAZARDS and SAFETY PRECAUTIONS before proceeding with clean up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up. Dike spill. Prevent liquid from entering sewers, waterways or low areas. Soak up with sawdust, sand, oil dry or other absorbent material. Shovel or sweep up.

Remove source of heat, sparks, flame, impact, friction or electricity, including internal combustion engines and power tools. If equipment is used for spill cleanup, it must be explosion-proof and suitable for flammable liquid and vapors.

NOTE: Vapors released from the spill may create an explosive atmosphere.

Waste Disposal

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Do not flush to surface water or sanitary sewer system.

By itself, the liquid is expected to be a RCRA ignitable hazardous waste.

SHIPPING INFORMATION

DOT

Proper Shipping Name	Diesel fuel or fuel oil
Hazard Class	Combustible liquid
UN/NA No.	NA 1993
DOT Labels(s)	None
DOT Placard	Combustible

IATA/IMO

Proper Shipping Name	Gas Oil
Hazard Class	3 (IMO 3.3)
UN No.	UN 1202
IMO/ICAO Label	Flammable liquid
Special Information	Not restricted over 140 deg F
Packaging Group	III

TDG

Proper Shipping Name	Gas Oil
Pin No.	UN 1202
TDG Class	3.3
TDG: If flash is >100 deg F, then not regulated.	

(continued)

STORAGE CONDITIONS

Store in well ventilated area. Keep container tightly closed. Store in accordance with National Fire Protection Assn regulations.

TITLE III HAZARD CLASSIFICATIONS

Acute	Yes
Chronic	Yes
Fire	Yes
Reactivity	No
Pressure	No

REGULATORY INFORMATION

OSHA HAZARD DETERMINATION

The material is hazardous as defined by OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

EPA DETERMINATIONS

COMPREHENSIVE ENVIRONMENTAL, RESPONSE, COMPENSATION, & LIABILITY ACT (CERCLA/SUPERFUND), 40 CFR 302
Not Applicable

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986, TITLE III (SARA) - SECTION 302, 304, 313

Section 302/304 - Extremely Hazardous Substances (40 CFR 355)

The material is not known to contain extremely hazardous substances at greater than 1.0% concentration; however, it is possible that this material may contain extremely hazardous substances at a lower concentration so that a large enough spill could warrant an Emergency Release Report under Section 304.

Section 313 - List of Toxic Chemicals (40 CFR 372)

The material is not known to contain any chemical(s) at a level of 1.0% or greater (0.1% for carcinogens) on the list of Toxic Chemicals and subject to release reporting requirements.

TOXIC SUBSTANCES CONTROL ACT (TSCA)

This material is in the TSCA Inventory of Chemical Substances (40 CFR 710) and/or is otherwise in compliance with TSCA.

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA), 40 CFR 261, SUBPART C AND D

The material, when discarded or disposed of, is not specifically listed as a hazardous waste in Federal regulations; however, it could be considered hazardous if it meets criteria for being toxic, corrosive,

(continued)

REGULATORY INFORMATION (continued)

ignitable or reactive according to U.S. EPA definitions (40 CFR 261). This material could also become a hazardous waste if it is mixed with or comes in contact with a listed hazardous waste. If it is a hazardous waste, regulations 40 CFR 262-266 and 268 may apply.

FEDERAL WATER POLLUTION CONTROL ACT, CLEAN WATER ACT,
40 CFR 116.4A, Section 311

The material contains the following ingredient(s) which is considered hazardous if spilled in navigable waters.

Ingredient	Reportable Quantity
Petroleum Hydrocarbon	Film or sheen upon or discoloration of the water surface or adjoining shoreline

FOREIGN REGULATIONS

CANADIAN HAZARDOUS PRODUCTS ACT (WHMIS)

WHMIS classes : B3, D2B

Emergency Medical Information : 1-613-348-3616

Transportation Emergency Number : 1-613-348-3616

STATE REGULATIONS

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT
OF 1986 ("PROPOSITION 65")

The material is not known to contain ingredient(s) subject to the Act.

PENNSYLVANIA WORKER AND COMMUNITY RIGHT TO KNOW ACT

This material contains the following ingredient(s) subject to the Pennsylvania Worker and Community Right to Know Act Hazardous Substances List:

Ingredient	: Diesel Fuel Oil
CAS Registry Number	: 68476-34-6
Category	: Hazardous Substance

Non-hazardous ingredient(s) information is withheld as trade secret in accordance with Section 11 of Pennsylvania Worker and Community Right to Know Act.

ADDITIONAL INFORMATION AND REFERENCES

Product Use : Motor Fuel

The above data are based on tests, experience, and other information which Conoco believes reliable and are supplied for informational purposes only. However, some ingredients may have been purchased or obtained from third-party manufacturers. In these instances, Conoco, in good faith, relies on information provided by those third parties. Since conditions of use are outside our control, CONOCO DISCLAIMS ANY LIABILITY FOR DAMAGE OR INJURY WHICH RESULTS FROM USE OF THE ABOVE DATA. NOTHING CONTAINED HEREIN SHALL CONSTITUTE A GUARANTEE, WARRANTY (INCLUDING WARRANTY OF MERCHANTABILITY) OR REPRESENTATION (INCLUDING FREEDOM FROM

(continued)

LIABILITY) BY CONOCO WITH RESPECT TO THE DATA, THE MATERIAL DESCRIBED, OR ITS USE
FOR ANY SPECIFIC PURPOSE, EVEN IF THAT PURPOSE IS KNOWN TO CONOCO.

Responsibility for MSDS:

MSDS Administrator
Conoco Inc.
PO Box 2197
Houston, TX 77252
713/293-5550

End of MSDS

92118

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

XXXXXXXXXXXXXXXXXXXXXXXXXXXX

1. RCRA Exempt: ☐ Non-Exempt: ☒ OIL CONSERVATION DIVISION Verbal Approval Received: Yes ☐ No ☒ RECEIVED (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter ENVIROTECH INC.
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator TIDEWATER Compression Serv
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site TCS. Main Yard
7. Originating Location of Material (Street Address or ULSTR) 1125 US Hwy 550, AZTEC, NM.	8. State NEW MEXICO

9. Check One

- ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Date(s) for Transportation: 2/95

BRIEF DESCRIPTION OF THE MATERIAL:

WASH BAR SOLIDS SUSPENDED IN Semi-Liquid / Semi-SOLID PHASE
TO BE STABILIZED IN BLENDING FACILITY IN LANDFARM #2
TECP OF DRY WASH BAR SOLIDS INCLUDED.

RECEIVED
JAN 30 1995

RECEIVED
JAN 25 1995
OIL CONSERVATION DIV.
SANTA FE

RECEIVED
JAN 23 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 80 wet bbls. yd³ Known Volume (to be entered by the operator at the end of the haul): yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young for RMY TITLE Land Farm Supervisor DATE 1-23-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Danny G. Frent TITLE Geologist DATE 1/23/95APPROVED BY C. E. E. E. E. TITLE GEOLOGIST DATE 1-25-95

CONDITIONS OF APPROVAL IF ANY: Formerly Halciburton

92118

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter ENVIROTECH INC.	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator TIDEWATER Compression Services	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site TCS Main Yard	
7. Originating Location of Material (Street Address or ULSTR) 1125 US Hwy 550, AZTEC, NM.	8. State NEW MEXICO	
9. Check One ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Dates(s) for Transportation: 2/95		

BRIEF DESCRIPTION OF THE MATERIAL:

WASH BAR SOLIDS SUSPENDED IN SEMI-LIQUID / SEMI-SOLID PHASE
 TO BE STABILIZED IN BLENDING FACILITY IN LANDFARM #2
 TCLP OF DRY WASH BAR SOLIDS REQUIRED.

RECEIVED
 JAN 23 1995
 OIL CON. DIV.
 DIST. 3

Estimated Volume 80 wet bbls. yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³
 I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Helen M. Brown for RMY TITLE Land Farm Supervisor DATE 1-23-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Feunt TITLE Geologist DATE 1/23/95

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: TIDEWATER Compression Service - 1125 US HWY 550, AZTEC, NM.
Source: Wash Bay Solids From Company Wash Bay Sump (SemiSolid/SemiLiquid).
Disposal Location: Envirotech Soil Remediation Facility, (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for TIDEWATER Compression Service, concur with the status of the waste from the subject site.

Name TODD McELY
Title/Agency Sit manager
Address P.O. Box 280
Flora Vista NM 87415
Signature Todd McEly
Date 1/23/95

Tidewater Compression

TO: DENNY FOUST

FROM: JIM WOODS

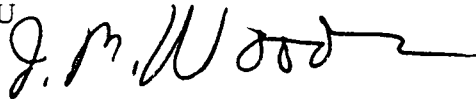
DATE: JANUARY 23, 1994

SUBJECT: CHANGE IN NAME

HALLIBURTON COMPRESSION SERVICES HAS BEEN PURCHASED BY
TIDEWATER COMPRESSION SERVICES. THE LOCATION AND MATERIAL HAS
REMAINED THE SAME. THE ONLY CHANGE HAS BEEN THE NAME.

PLEASE CONTACT ME IF YOU NEED ANY FURTHER INFORMATION
REGARDING THIS MATTER.

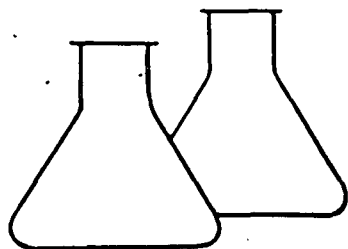
THANK YOU



JIM WOODS
REGIONAL SUPERVISOR



TIDEWATER COMPRESSION SERVICE, INC.
P.O. Box 280
Flora Vista, NM 87415
(505) 334-6713
FAX (505) 334-7547
A Tidewater Company



ENVIROTECH LABS

5796 US Highway 64-3014 • FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615 • FAX: (505) 632-1865

RCRA CHARACTERISTICS

Client:	HRM	Project #:	92118
Sample ID:	Wash Bay Solids	Date Reported:	05-19-94
Lab ID#:	7359	Date Sampled:	05-06-94
Sample Matrix:	Soil	Date Received:	05-06-94
Preservative:	Cool	Date Analyzed:	05-19-94
Condition:	Cool & Intact		

IGNITABILITY: Did not ignite upon direct contact with flame after heating to 60°C.

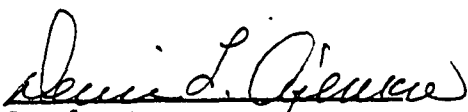
CORROSIVITY: pH of 8.51

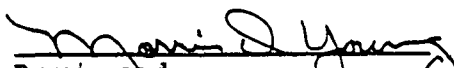
REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

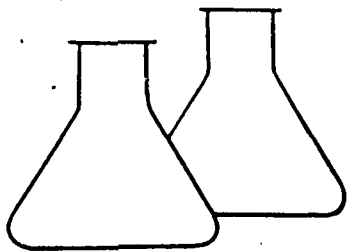
Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: pH $\leq$ 2.0 or pH $\geq$ 12.5 is hazardous waste.

1125 US Hwy. 550, Aztec, NM 5 point composite


Analyst


Reviewed



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PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHODS 8010/8020 AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	HRM	Project #:	92118
Sample ID:	Wash Bay Solids	Date Reported:	05-30-94
Laboratory Number:	7359	Date Sampled:	05-06-94
Sample Matrix:	Soil	Date Received:	05-06-94
Preservative:	Cool	Date Extracted:	05-19-94
Condition:	Cool & Intact	Date Analyzed:	05-29-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.007	0.2
1,1-Dichloroethene	ND	0.005	0.7
2-Butanone	ND	0.005	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.005	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromochloromethane	95 %
	Bromofluorobenzene	99 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

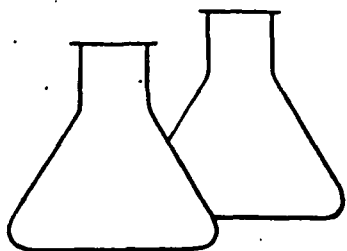
Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: 1125 US Hwy 550, Aztec, NM 5-point composite

Dennis L. Brewer
Analyst

Morris D. Young
Review



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PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8040 PHENOLS

Client:	HRM	Project #:	92118
Sample ID:	Wash Bay Solids	Date Reported:	06-02-94
Laboratory Number:	7359	Date Sampled:	05-06-94
Sample Matrix:	Soil	Date Received:	05-06-94
Preservative:	Cool	Date Extracted:	05-19-94
Condition:	Cool & Intact	Date Analyzed:	06-02-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.040	2.0
2,4,5-Trichlorophenol	ND	0.040	2.0
Pentachlorophenol	ND	0.023	100.0

SURROGATE RECOVERY	Parameter	Percent Recovery
	2-fluorophenol	100 %
	2,4,6-tribromophenol	100 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

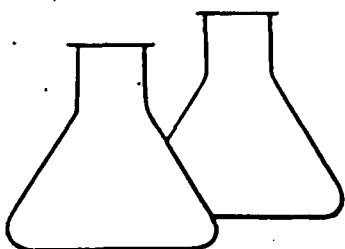
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1992

ND - Parameter not detected at the stated detection limit.

Comments: 1125 US Hwy 550, Aztec, NM 5 point composite

Dennis L. Jensen
Analyst

Mavis D. Young
Review



ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	HRM	Project #:	92118
Sample ID:	Wash Bay Solids	Date Reported:	06-02-94
Laboratory Number:	7359	Date Sampled:	05-06-94
Sample Matrix:	Soil	Date Received:	05-06-94
Preservative:	Cool	Date Extracted:	05-19-94
Condition:	Cool and Intact	Date Analyzed:	06-01-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	99 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

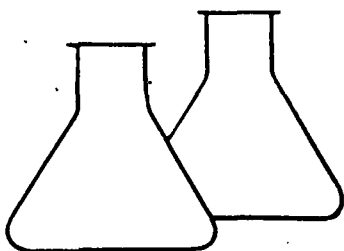
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: 1125 US Hwy 550, Aztec, NM 5 point composite

Kevin L. Ayers
Analyst

Morris D. Young
Review



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EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	HRM	Project #:	92118
Sample ID:	Wash Bay Solids	Date Reported:	05-31-94
Laboratory Number:	7359	Date Sampled:	05-06-94
Sample Matrix:	Soil	Date Received:	05-06-94
Preservative:	Cool	Date Analyzed:	05-29-94
Condition:	Cool & Intact	Date Extracted:	05-19-94
		Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
ARSENIC	0.006	0.001	5.000
BARIUM	2.05	0.1	100.0
CADMIUM	0.012	0.001	1.000
CHROMIUM	ND	0.001	5.000
LEAD	0.011	0.001	5.000
MERCURY	ND	0.002	0.200
SELENIUM	ND	0.001	1.000
SILVER	ND	0.01	5.00

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

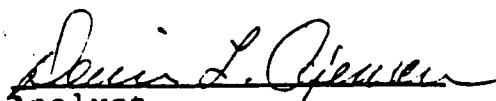
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

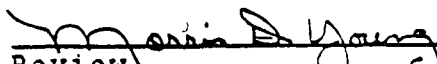
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: 1125 US Hwy 550, Aztec, NM 5 point composite


Analyst

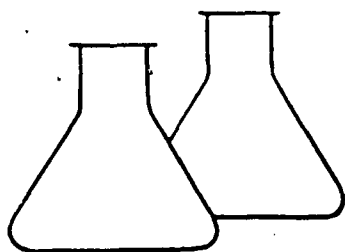

Review

ENVIROTECH LABORATORIES

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FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

QUALITY ASSURANCE/QUALITY CONTROL

DOCUMENTATION



ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	05-30-94
Laboratory Number:	0529TCV.BLK	Date Sampled:	NA
Sample Matrix:	Water	Date Received:	NA
Preservative:	NA	Date Analyzed:	05-29-94
Condition:	NA	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.007	0.2
2-Butanone	ND	0.005	200
1,1-Dichloroethene	ND	0.005	0.7
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.005	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:

Parameter	Percent Recovery
Bromochloromethane	97 %
Bromofluorobenzene	98 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992

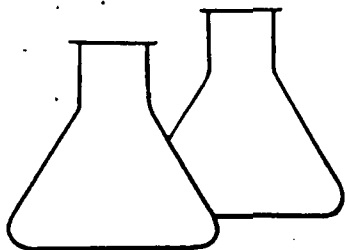
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments:

Dennis L. Rivera
Analyst



ENVIRONMENTAL LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHODS 8010/8020 AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:	NA
Sample ID:	Method Blank	Date Reported:	05-30-94
Laboratory Number:	0519TCV.MB	Date Sampled:	NA
Sample Matrix:	Soil	Date Received:	NA
Preservative:	Cool	Date Extracted:	05-19-94
Condition:	Cool & Intact	Date Analyzed:	05-29-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.007	0.2
1,1-Dichloroethene	ND	0.005	0.7
2-Butanone	ND	0.005	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.005	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:

Parameter	Percent Recovery
Bromochloromethane	95 %
Bromofluorobenzene	101 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.
Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

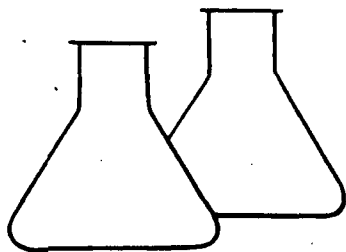
Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: TCLP Extraction Method Blank

Kevin L. Givens
Analyst

Maria D. Young
Review



ENVIROTECH LABS

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** QUALITY ASSURANCE

EPA METHODS 8010/8020

MATRIX SPIKE - AROMATIC / HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Spike	Date Reported:	05-30-94
Laboratory Number:	7359STCV.	Date Sampled:	05-06-94
Sample Matrix:	Soil	Date Received:	05-06-94
Analysis Requested:	TCLP	Date Analyzed:	05-29-94
Condition:	NA		

Parameter	Sample Result (ug/L)	Spike Added (ug/L)	Spiked Sample Result (ug/L)	Det. Limit (ug/L)	Percent Recovery	SW-846 % Rec. Accept. Range
Vinyl Chloride	ND	10.0	16.6	7.0	98	28-163
1,1-Dichloroethene	ND	10.0	13.5	5.4	97	43-143
2-Butanone	ND	10.0	12.1	5.4	97	47-132
Chloroform	ND	10.0	9.5	5.0	95	49-133
Carbon Tetrachloride	ND	10.0	9.4	5.0	94	43-143
Benzene	ND	10.0	9.7	5.3	92	39-150
1,2-Dichloroethane	ND	10.0	9.7	5.0	97	51-147
Trichloroethene	ND	10.0	9.4	5.0	92	35-146
Tetrachloroethene	ND	10.0	9.9	5.1	99	26-162
Chlorobenzene	ND	10.0	9.7	5.0	96	38-150
1,4-Dichlorobenzene	ND	10.0	10.0	5.0	100	42-143

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.

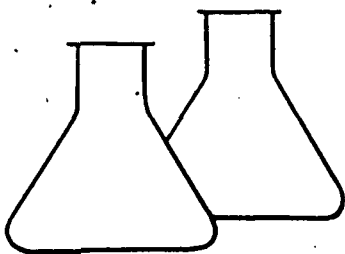
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments:

Devin L. Jensen
Analyst

Morris D. Young
Review



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PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8040 PHENOLS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	06-02-94
Laboratory Number:	0601TCA.BLK	Date Sampled:	NA
Sample Matrix:	2-Propanol	Date Received:	NA
Preservative:	NA	Date Extracted:	NA
Condition:	NA	Date Analyzed:	06-02-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.040	400.0
2,4,5-Trichlorophenol	ND	0.040	2.0
Pentachlorophenol	ND	0.023	100.0

SURROGATE RECOVERY	Parameter	Percent Recovery
	2-fluorophenol	102 %
	2,4,6-tribromophenol	102 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

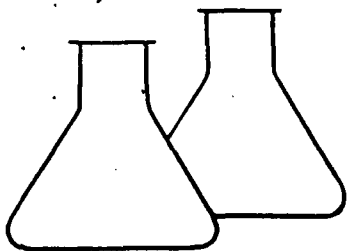
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1992

ND - Parameter not detected at the stated detection limit.

Comments:

Devin L. Cramer
Analyst

Maris D. Young
Review



ENVIROTECH LABS

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

EPA METHOD 8040 PHENOLS

Client:	NA	Project #:	NA
Sample ID:	Method Blank	Date Reported:	06-02-94
Laboratory Number:	0519TCA.MB	Date Sampled:	NA
Sample Matrix:	Soil	Date Received:	NA
Preservative:	Cool	Date Extracted:	05-19-94
Condition:	Cool & Intact	Date Analyzed:	06-02-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.040	2.0
2,4,5-Trichlorophenol	ND	0.040	2.0
Pentachlorophenol	ND	0.023	100.0

SURROGATE RECOVERY	Parameter	Percent Recovery
	2-fluorophenol	98 %
	2,4,6-tribromophenol	98 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

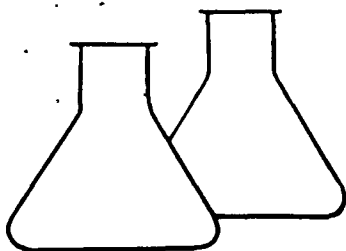
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1992

ND - Parameter not detected at the stated detection limit.

Comments: TCLP Extraction Method Blank

Devin S. Cline
Analyst

Morris D. Young
Review



ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	06-02-94
Laboratory Number:	0601TBN.BLK	Date Sampled:	NA
Sample Matrix:	Hexane	Date Received:	NA
Preservative:	NA	Date Extracted:	NA
Condition:	NA	Date Analyzed:	06-01-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	101 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

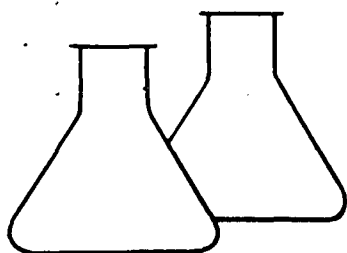
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments:

Kevin L. Cramer
Analyst

Maria D. Young
Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	NA	Project #:	NA
Sample ID:	Method Blank	Date Reported:	06-02-94
Laboratory Number:	0519TBN.MB	Date Sampled:	NA
Sample Matrix:	Soil	Date Received:	NA
Preservative:	Cool	Date Extracted:	05-19-94
Condition:	Cool and Intact	Date Analyzed:	06-01-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	97 %

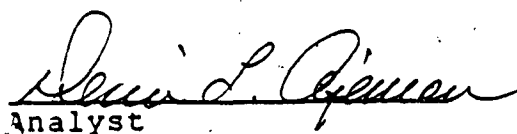
Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992

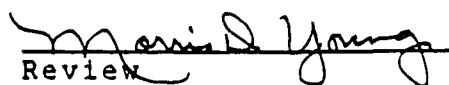
Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

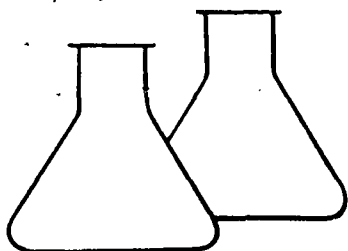
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: TCLP Extraction Method Blank


Analyst


Review



ENVIROTECH LABS

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

EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS - BLANKS

Client:	NA	Project #:	NA
Sample ID:	Blanks	Date Reported:	05-31-94
Laboratory Number:	NA	Date Sampled:	NA
Sample Matrix:	TCLP Extract	Date Received:	NA
Analysis Requested:	TCLP	Date Analyzed:	05-29-94
Condition:	NA	Date Extracted:	NA

Parameter	Instrument Blank (mg/L)	Extraction Sol. Blank (mg/L)	Det. Limit (mg/L)
ARSENIC	ND	ND	0.001
BARIUM	ND	ND	0.1
CADMIUM	ND	ND	0.001
CHROMIUM	ND	ND	0.001
LEAD	ND	ND	0.001
MERCURY	ND	ND	0.002
SELENIUM	ND	ND	0.001
SILVER	ND	ND	0.01

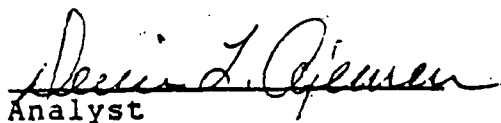
Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

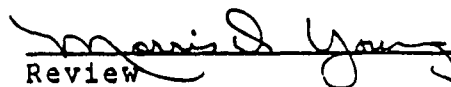
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

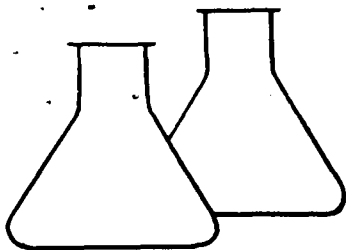
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND - Parameter not detected at the stated detection limit.

Comments:


Analyst


Review



ENVIROTECH LABS

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

QUALITY ASSURANCE REPORT
EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS - MATRIX SPIKE

Client:	NA	Project #:	NA
Sample ID:	NA	Date Reported:	05-31-94
Laboratory Number:	NA	Date Sampled:	05-06-94
Sample Matrix:	TCLP Extract	Date Received:	05-06-94
Analysis Requested:	TCLP	Date Analyzed:	05-29-94
Condition:	NA	Date Extracted:	05-19-94

Parameter	Spike Added (mg/L)	Sample Result (mg/L)	Spiked Sample Result (mg/L)	Percent Recovery
ARSENIC	0.100	0.006	0.106	100
BARIUM	10.0	2.05	12.1	101
CADMIUM	0.100	0.012	0.112	100
CHROMIUM	0.100	ND	0.099	99
LEAD	0.100	0.011	0.112	101
MERCURY	0.050	ND	0.049	98
SELENIUM	0.100	ND	0.099	99
SILVER	1.00	ND	1.006	101

QA ACCEPTANCE CRITERIA:	Parameter	Acceptance Range %
	TCLP Metals	80 - 120

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND - Parameter not detected at the stated detection limit.

Comments:

Shirley L. Gibson
Analyst

Regina D. Young
Review

CHAIN OF CUSTODY RECORD

Client/Project Name HRM 92118			Project Location 1125 US Hwy 550, Aztec, NM		ANALYSIS/PARAMETERS							
Sampler: (Signature) <i>Robert M. Young</i>			Chain of Custody Tape No.		No. of Containers 1	TCLP ✓						Remarks Spint Composite
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix								
501 Wash by Solids	5/6/94	1030	7359	SOIL								
Relinquished by: (Signature) <i>Robert M. Young</i>			Date 5/6/94	Time 1103	Received by: (Signature) <i>Kevin L. O'Brien</i>			Date 5-6-94	Time 1103			
Relinquished by: (Signature)					Received by: (Signature)							
Relinquished by: (Signature)					Received by: (Signature)							

ENVIROTECH INC.
 5796 U.S. Highway 64-3014
 Farmington, New Mexico 87401
 (505) 632-0615

92132

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

XXXXXXXXXXXXXXXXXXXXXXXXXXXX

1. RCRA Exempt: ☐ Non-Exempt: ☒
 Verbal Approval Received: Yes ☐ No ☒
 (Submitting this form for oilfield exempt waste is optional)

4. Name of Transporter

2. Destination

Land Farm # 2 Envirotech Soil Remediation Facility

5. Generator

HALLIBURTON Services

3. Address of Facility Operator

5796 US Hwy. 64-3014 Farmington, NM 87401

6. Name of Originating Site

FARMINGTON Yard

7. Originating Location of Material (Street Address or ULSTR)

4109 E. Main, FARMINGTON, NM 87401

8. State

New Mexico

9. Check One

- ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Date(s) for Transportation: 1/95

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of solids generated from WASH BAY OPERATION
 at FARMINGTON Yard (4109 E. Main) TCLP ENCLOSED

RECEIVED
 JAN 30 1995
 OIL CON. DIV.
 DIST. 3

RECEIVED
 JAN 25 1995
 OIL CONSERVATION DIV.
 SANTA FE

RECEIVED
 JAN 18 1995
 OIL CON. DIV.
 DIST. 3

Estimated Volume 50 yd³ Known Volume (to be entered by the operator at the end of the haul): yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 1-16-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Dennis L. Jant TITLE Geologist DATE 1/23/95APPROVED BY C. S. Jant TITLE GEOLOGIST DATE 1-25-95

CONDITIONS OF APPROVAL IF ANY: Certificate of waste not in original added 1/23/95

92132

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator HALLIBURTON Services	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site FARMINGTON YARD	
7. Originating Location of Material (Street Address or ULSTR) 4109 E. Main, FARMINGTON, NM 87401	8. State New Mexico	
9. Check One ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for Transportation: 1/95		

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of solids generated from WASH BAY OPERATIONS
at Farmington Yard (4109 E. Main) TCLP ENCLOSED.

RECEIVED
JAN 18 1995

OIL CON. DIV.
DIST. 3

Estimated Volume 50 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Helen M. Brown for RMY TITLE Land Farm Supervisor DATE 1-16-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Faint TITLE Geologist DATE 1/23/95

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: Certificate of waste not in original - added 1-23-95

92132

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: Acubarton Services, 4109 E Main, Farmington N.M.

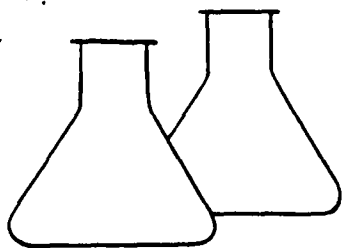
Source: Waste Box Solids

Disposal Location: Envirotech Soil Remediation Facility, (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Acubarton
concur with the status of the waste from the subject site.

Name GARY L. Morris
Title/Agency HR/HSE Coordinator
Address 4109 E. Main Farmington, N.M.
Signature Gary L. Morris
Date 1-20-95



ENVIROTECH LABS

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

SUSPECTED HAZARDOUS & SOLID WASTE ANALYSIS

Client:	Halliburton	Project #:	92132
Sample ID:	Wash Bay Solids	Date Reported:	11-21-94
Lab ID#:	7986	Date Sampled:	10-18-94
Sample Matrix:	Soil	Date Received:	10-18-94
Preservative:	Cool	Date Analyzed:	10-24-94
Condition:	Cool & Intact		

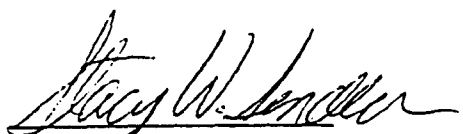
IGNITABILITY: Did not ignite upon direct contact with flame.

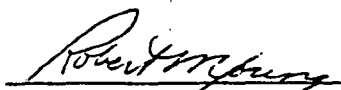
CORROSIVITY: pH of 7.45

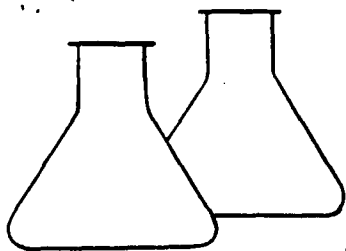
REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: $\leq$ pH 2 or $\geq$ pH 12.5 is hazardous waste
4109 E. Main, Farmington, NM.


Analyst


Reviewed



ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 1311

TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	Halliburton	Project #:	92132
Sample ID:	Wash Bay Solids	Date Reported:	11-18-94
Laboratory Number:	7986	Date Sampled:	10-18-94
Sample Matrix:	Soil	Date Received:	10-18-94
Preservative:	Cool	Date Analyzed:	11-18-94
Condition:	Cool & Intact	Date Extracted:	10-24-94
Chain of Custody:	3964	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
ARSENIC	ND	0.01	5.000
BARIUM	ND	0.5	100.0
CADMIUM	0.23	0.04	1.000
CHROMIUM	0.013	0.01	5.000
LEAD	0.019	0.001	5.000
MERCURY	ND	0.002	0.200
SELENIUM	ND	0.01	1.000
SILVER	0.02	0.01	5.00

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

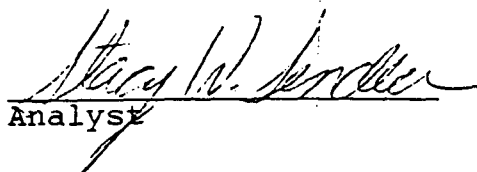
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

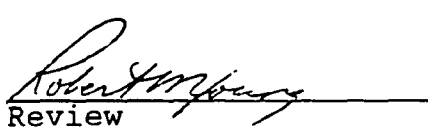
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

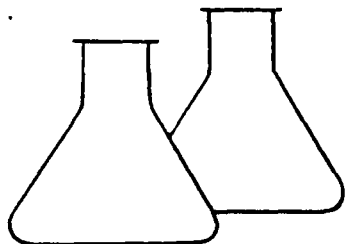
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: 4109 E. Main, Farmington, NM - Composite.


Analyst


Review



ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHODS 8010/8020 AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	Halliburton	Project #:	92132
Sample ID:	#1 wash bay	Date Reported:	11-21-94
Laboratory Number:	7986TCLP.	Date Sampled:	10-18-94
Sample Matrix:	Soil	Date Received:	10-18-94
Preservative:	Cool	Date Extracted:	10-24-94
Condition:	Cool & Intact	Date Analyzed:	11-08-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
1,1-Dichloroethene	ND	0.018	0.7
2-Butanone	ND	0.013	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.007	0.5
Tetrachloroethene	ND	0.006	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromochloromethane	89 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

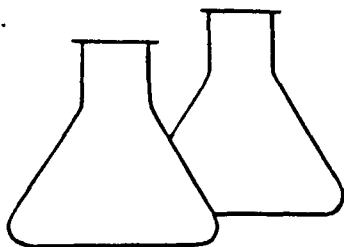
Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Halliburton Services Co. 4109 East Main, Farmington

Analyst

Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8040 PHENOLS

Client:	Halliburton	Project #:	NA
Sample ID:	#1 wash bay	Date Reported:	11-22-94
Laboratory Number:	7986TCA.	Date Sampled:	NA
Sample Matrix:	Soil	Date Received:	NA
Preservative:	Cool	Date Extracted:	10-24-94
Condition:	Cool & Intact	Date Analyzed:	11-17-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	0.037	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	92 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

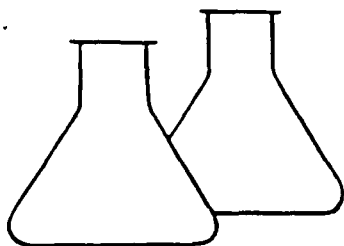
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Halliburton Services Co. #1 wash bay solids comp

Paul L. Griffin
Analyst

Wayne W. Jendler
Review



ENVIROTECH LABS

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

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	Halliburton	Project #:	92132
Sample ID:	1 wash bay	Date Reported:	11-22-94
Laboratory Number:	7986BNTC.	Date Sampled:	10-18-94
Sample Matrix:	Soil	Date Received:	10-18-94
Preservative:	NA	Date Extracted:	10-24-94
Condition:	NA	Date Analyzed:	11-21-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.024	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	102 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Halliburton Services Co. 4109 east Main, Framington

Rex L. Griffin
Analyst

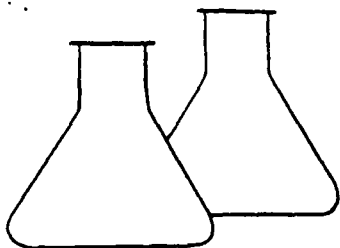
Stacy W. Smoller
Review

ENVIROTECH LABORATORIES

5796 U.S. HIGHWAY 64-3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

QUALITY ASSURANCE/QUALITY CONTROL

DOCUMENTATION



ENVIROTECH LABS

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

TRACE METAL ANALYSIS - BLANKS

Client:	NA	Project #:	NA
Sample ID:	Blanks 10-24-94	Date Reported:	11-18-94
Laboratory Number:	MB1024	Date Sampled:	NA
Sample Matrix:	Liquid	Date Received:	NA
Preservative:	Cool	Date Analyzed:	11-18-94
Condition:	NA	Analysis Needed:	TCLP Metals
		Date Extracted:	10-24-94

Parameter	Instrument Blank (mg/L)	Method Blank (mg/L)	Det. Limit (mg/L)
ARSENIC	ND	ND	0.01
BARIUM	ND	ND	0.5
CADMIUM	ND	ND	0.04
CHROMIUM	ND	ND	0.01
LEAD	ND	ND	0.001
MERCURY	ND	ND	0.002
SELENIUM	ND	ND	0.01
SILVER	ND	ND	0.01

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, Sept. 1992

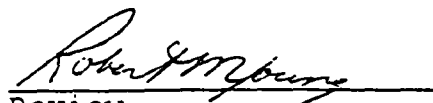
Methods 7060A, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA, 1992

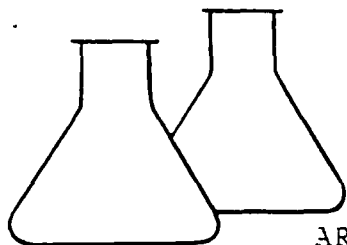
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND - Parameter not detected at the stated detection limit.

Comments: Lab Nos. 7986, 8007, 8009, 8011, 8020, 8038, QCCCK1026.


Analyst


Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615 • FAX: (505) 632-1865

AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	11-21-94
Laboratory Number:	1108TCV.BLK	Date Sampled:	NA
Sample Matrix:	Water	Date Received:	NA
Preservative:	NA	Date Analyzed:	11-08-94
Condition:	NA	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
2-Butanone	ND	0.013	200
1,1-Dichloroethene	ND	0.018	0.7
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.007	0.5
Tetrachloroethene	ND	0.006	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromochloromethane	103 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992

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

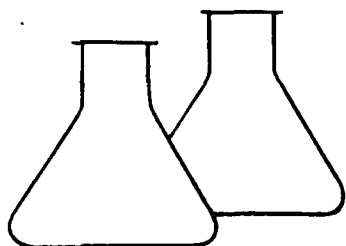
Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 7986, 8007, 8009, 8011, 8020, 8038

Reva L. Gaffin
Analyst

Tracy W. Jindler
Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8040 PHENOLS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	11-21-94
Laboratory Number:	1117TCA.BLK	Date Sampled:	NA
Sample Matrix:	2-Propanol	Date Received:	NA
Preservative:	NA	Date Analyzed:	11-17-94
Condition:	NA	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	99 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

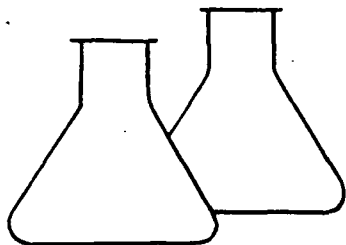
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8011, 8020, 8038, 8099

Rex L. Giff
Analyst

Ray W. Senter
Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	11-21-94
Laboratory Number:	1121BNTC.BLK	Date Sampled:	NA
Sample Matrix:	Hexane	Date Received:	NA
Preservative:	NA	Date Extracted:	NA
Condition:	NA	Date Analyzed:	11-21-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.024	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	95 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

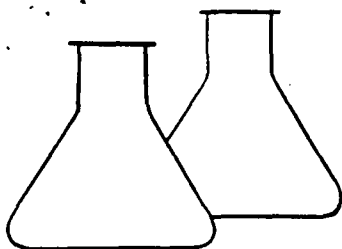
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8011, 8020, 8038, 8099

Ref L. Duffin
Analyst

Tracy W. Sander
Review



ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE**
EPA METHOD 8010/8020 AROMATIC VOLATILE/HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:
Sample ID:	Duplicate Sample	Date Reported: 11-21-94
Laboratory Number:	7986DUP.	Date Sampled:
Sample Matrix:	Soil	Date Received:
Analysis Requested:	TCLP	Date Analyzed: 11-08-94
Condition:	NA	

Parameter	Sample Result (ug/L)	Duplicate Sample Result (ug/L)	Percent Difference
-----	-----	-----	-----
Vinyl Chloride	ND	ND	0.0
1,1-Dichloroethene	ND	ND	0.0
2-Butanone	ND	ND	0.0
Chloroform	ND	ND	0.0
Carbon Tetrachloride	ND	ND	0.0
Benzene	ND	ND	0.0
1,2-Dichloroethane	ND	ND	0.0
Trichloroethene	ND	ND	0.0
Tetrachloroethene	ND	ND	0.0
Chlorobenzene	ND	ND	0.0
1,4-Dichlorobenzene	ND	ND	0.0

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.

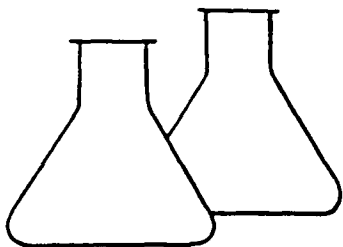
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples: 7986, 8007, 8009, 8011, 8020, 8038

Rex L. Griffin
Analyst

Harvey W. Jernigan
Review



ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

** QUALITY ASSURANCE REPORT MATRIX DUPLICATE
EPA METHOD 8040 PHENOLS

Client:		Project #:	
Sample ID:	Duplicate sample	Date Reported:	11-22-94
Laboratory Number:	7986TCA	Date Sampled:	
Sample Matrix:	Soil	Date Received:	
Preservative:	Cool	Date Analyzed:	11-19-94
Condition:	Cool & intact	Analysis Requested:	TCLP

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Percent Difference
o-Cresol	ND	ND	0.0
cresol	ND	ND	0.0
2,4,6-Trichlorophenol	ND	ND	0.0
2,4,5-Trichlorophenol	ND	ND	0.0
Pentachlorophenol	0.037	0.030	19.0

QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

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

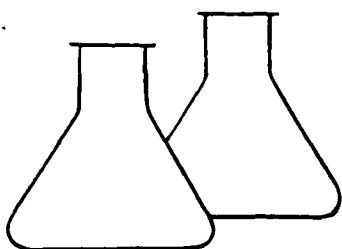
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8020, 8020, 8038, 8099

Rex L. Daffin
Analyst

Greg W. Smith
Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615 • FAX: (505) 632-1865

**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE**
EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:		Project #:	
Sample ID:	Duplicate sample	Date Reported:	11-22-94
Laboratory Number:	8099 BNTC	Date Sampled:	
Sample Matrix:	Soil	Date Received:	
Preservative:	Cool	Date Analyzed:	11-21-94
Condition:	Cool & intact	Analysis Requested:	TCLP

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Percent Difference
Pyridine	ND	ND	0.0
Hexachloroethane	0.064	0.064	0.0
Nitrobenzene	ND	ND	0.0
Hexachlorobutadiene	ND	ND	0.0
2,4-Dinitrotoluene	ND	ND	0.0
Hexachlorobenzene	ND	ND	0.0

QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

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

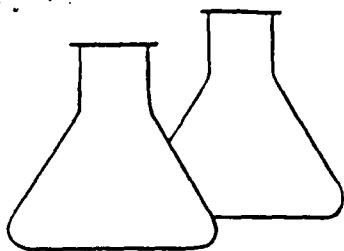
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8020, 8020, 8038, 8099

Rex L. Gaffa
Analyst

Mary W. Arnold
Review



ENVIROTECH LABS

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

TRACE METAL ANALYSIS - MATRIX SPIKE

Client:	NA	Project #:	NA
Sample ID:	7986 SPK	Date Reported:	11-18-94
Laboratory Number:	7986	Date Sampled:	NA
Sample Matrix:	Liquid	Date Received:	NA
Analysis Requested:	Trace Metals	Date Analyzed:	11-18-94
Condition:	NA		

Parameter	Spike Added (mg/L)	Sample Result (mg/L)	Spiked Sample Result (mg/L)	Percent Recovery
ARSENIC	0.1000	ND	0.12	120
BARIUM	10.00	ND	10.1	101
CADMIUM	1.0000	0.23	0.92	69
CHROMIUM	0.1000	0.01	0.13	120
LEAD	0.1000	0.02	0.12	100
MERCURY	0.1000	ND	0.08	80
SELENIUM	0.1000	ND	0.07	70
SILVER	1.000	0.02	0.95	93

QA ACCEPTANCE CRITERIA:	Parameter	Acceptance Range %
	Trace Metals	80 - 120

Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND - Parameter not detected at the stated detection limit.

Comments: Spike recoveries for Cadmium and Selenium are slightly low.

Analyst

Review

CHAIN OF CUSTODY RECORD

[illegible]

ENVIROTECH INC.
5796 U.S. Highway 64-3014
Farmington, New Mexico 87401
(505) 632-0615

CHAIN OF CUSTODY RECORD

Client/Project Name 92132 HALLIBURTON SERVICES Co.			Project Location 4109 EAST MAIN FARMINGTON		ANALYSIS/PARAMETERS							
Sampler: (Signature) Mani O. Young			Chain of Custody Tape No.		No. of Containers 1	TCLP ✓	RCRA ✓					Remarks No HERB or PEST Required
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix								
#1 WASH BAY	10/18/94	15:30	7986	Soil								
Solids Comp												
Relinquished by: (Signature) Mani O. Young			Date 10/18/94	Time 17:10	Received by: (Signature) Robert M. Young					Date 10/18/94	Time 17:10	
Relinquished by: (Signature)					Received by: (Signature)							
Relinquished by: (Signature)					Received by: (Signature)							

ENVIROTECH INC.
 5796 U.S. Highway 64-3014
 Farmington, New Mexico 87401
 (505) 632-0615

92101

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

XXXXXXXXXXXXXXXXXXXXXXXXXXXX

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ 05 JAN 24 (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter Enviro TECH
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator Western Co. of North America
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site Western Co.
7. Originating Location of Material (Street Address or ULSTR) 3250 South Side River Rd, Farmington, NM. 87401	8. State New Mexico

9. Check One

- ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport

Projected Date(s) for Transportation: 3/95

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of Floor Sweep from stop and yard spills.
TCLP Enclosed

RECEIVED

JAN 25 1995

OIL CONSERVATION DIV.
SANTA FE

RECEIVED

JAN 30 1995

OIL CON. DIV.
DIST. 3

RECEIVED

JAN 18 1995

OIL CON. DIV.
DIST. 3

Estimated Volume 8 barrels dog. Known Volume (to be entered by the operator at the end of the haul):

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Heather M Brown for RMY TITLE Land Farm Supervisor DATE 1-16-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny S. Faint TITLE Geologist DATE 1/23/94APPROVED BY C. S. Faint TITLE GEOLOGIST DATE 1-25-95

CONDITIONS OF APPROVAL, IF ANY: Certificate of waste not in original added 1/23/95

92101

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter ENVIROTECH	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator Western Co. of North America	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site Western Co.	
7. Originating Location of Material (Street Address or ULSTR) 3250 South Side River Rd, Farmington, NM. 87401	8. State New Mexico	
9. Check One ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Dates(s) for Transportation: 3/95		

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of Floor Sweep from sump and yard spills.
TCLP Enclosed

RECEIVED
JAN 18 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 8 barrels dry. Known Volume (to be entered by the operator at the end of the haul): yd³
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young for RM4. TITLE Land Farm Supervisor DATE 1-16-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny S. Fout TITLE Geologist DATE 1/23/95

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY: certificate of waste not in original added 1/23/95

92101

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: Western Co 3250 Southside River Rd. Farmington, N.M.

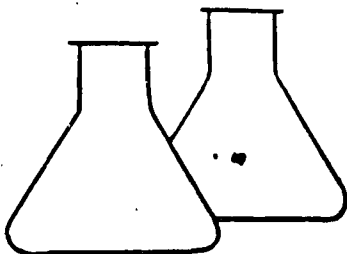
Source: Floor Sump.

Disposal Location: Envirotech Soil Remediation Facility, (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for _____
concur with the status of the waste from the subject site.

Name Les Baugh
Title/Agency Facilities Super
Address 3250 Southside River Road
Farmington, N. Mex. 87401
Signature Les Baugh
Date 1/16/95



ENVIROTECH LABS

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

RCRA CHARACTERISTICS

Client:	Western Company	Project #:	92101
Sample ID:	Floor Sweep	Date Reported:	03-21-94
Lab ID#:	7073	Date Sampled:	03-18-94
Sample Matrix:	Soil	Date Received:	03-18-94
Preservative:	Cool	Date Analyzed:	03-21-94
Condition:	Cool & Intact		

IGNITABILITY: Did not ignite upon direct contact with flame after heating to 600c.

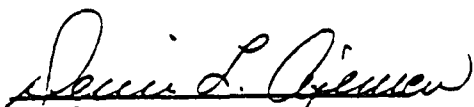
CORROSIVITY: pH of 7.12

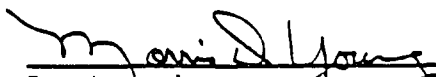
REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

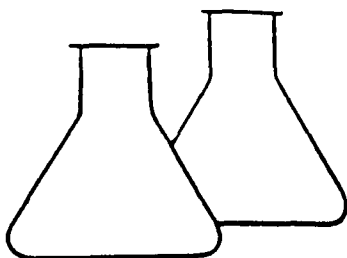
Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: $\leq$ pH 2 or $\geq$ pH 12.5 is hazardous waste.

5 - point Composite


Analyst


Reviewed



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHODS 8010/8020

AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	Western Company	Project #:	92101
Sample ID:	Floor Sweep	Date Reported:	03-22-94
Laboratory Number:	7073	Date Sampled:	03-18-94
Sample Matrix:	Soil	Date Received:	03-18-94
Preservative:	Cool	Date Extracted:	03-21-94
Condition:	Cool and Intact	Date Analyzed:	03-22-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.006	0.2
1,1-Dichloroethene	ND	0.006	0.7
2-Butanone	0.055	0.007	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethane	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.005	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:

Parameter	Percent Recovery
Bromochloromethane	99 %
Bromofluorobenzene	97 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.

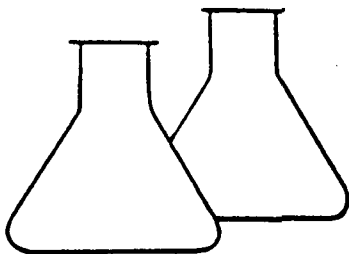
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: 3250 Southside River Road 5-point composite

David L. Piquero



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS

Client:	Western Company	Project #:	92101
Sample ID:	Floor Sweep	Date Reported:	03-28-94
Laboratory Number:	7073	Date Sampled:	03-18-94
Sample Matrix:	Soil	Date Received:	03-18-94
Preservative:	Cool	Date Analyzed:	03-23-94
Condition:	Cool & Intact	Date Extracted:	03-21-94
		Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
ARSENIC	0.003	0.001	5.000
BARIUM	0.1	0.1	100.0
CADMIUM	0.001	0.001	1.000
CHROMIUM	0.006	0.001	5.000
LEAD	ND	0.001	5.000
MERCURY	ND	0.002	0.200
SELENIUM	ND	0.001	1.000
SILVER	ND	0.01	5.00

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

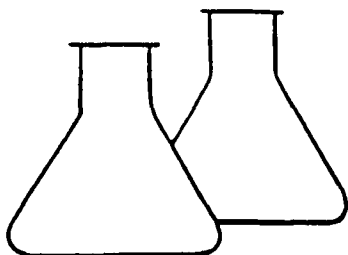
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: 3250 Southside River Rd 5-Point Composite


Analyst


Review



ENVIROTECH LABS

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

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	Western Company	Project #:	92101
Sample ID:	Floor sweep	Date Reported:	04-03-94
Laboratory Number:	7073	Date Sampled:	03-18-94
Sample Matrix:	Soil	Date Received:	03-18-94
Preservative:	Cool	Date Extracted:	03-21-94
Condition:	Cool & Intact	Date Analyzed:	04-03-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.022	5.0
Nitrobenzene	ND	0.020	5.0
Hexachlorobutadiene	0.10	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	0.03	0.020	0.13

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

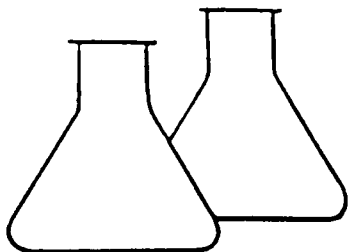
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: 3250 Southside River Rd.
5 point composite

Tony Tristano
Analyst

Maria D. Young
Review



ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8040 PHENOLS

Client:	Western Company	Project #:	92101
Sample ID:	Floor Sweep	Date Reported:	04-04-94
Laboratory Number:	7073	Date Sampled:	03-18-94
Sample Matrix:	Soil	Date Received:	03-18-94
Preservative:	Cool	Date Extracted:	03-21-94
Condition:	Cool & Intact	Date Analyzed:	04-03-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	3.0	0.040	200.0
2,4,6-Trichlorophenol	ND	0.040	2.0
2,4,5-Trichlorophenol	ND	0.040	2.0
Pentachlorophenol	ND	0.025	100.0

SURROGATE RECOVERY	Parameter	Percent Recovery
	2-fluorophenol	117 %
	2,4,6-tribromophenol	114 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

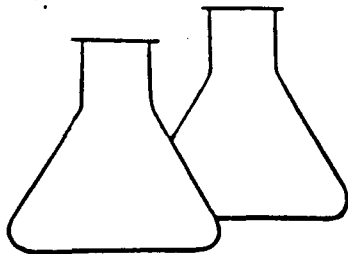
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1992

ND - Parameter not detected at the stated detection limit.

Comments: 3250 Southside River Rd.
5-point composite

Tony Tisler
Analyst

Maris D. Young
Review



ENVIROTECH LABS

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EPA METHODS 8010/8020 AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	03-22-94
Laboratory Number:	0322TCV.BLK	Date Sampled:	NA
Sample Matrix:	Water	Date Received:	NA
Preservative:	NA	Date Analyzed:	03-22-94

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.006	0.2
1,1-Dichloroethene	ND	0.007	0.7
2-Butanone	ND	0.006	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethane	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.005	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromochloromethane	97 %
	Bromofluorobenzene	98 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.

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

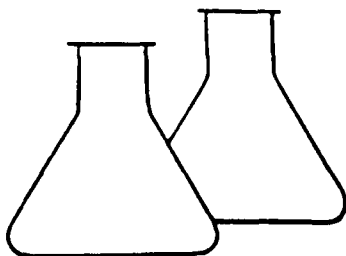
Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments:

Devin L. Pinner
Analyst

Mavis D. Young
Review



ENVIROTECH LABS

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

EPA METHODS 8010/8020 AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:	NA
Sample ID:	Method Blank	Date Reported:	03-22-94
Laboratory Number:	0321TCV.MB	Date Sampled:	NA
Sample Matrix:	Soil	Date Received:	NA
Preservative:	Cool	Date Extracted:	03-21-94
Condition:	Cool and Intact	Date Analyzed:	03-22-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.006	0.2
1,1-Dichloroethene	ND	0.006	0.7
2-Butanone	ND	0.007	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethane	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.005	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromochloromethane	98 %
	Bromofluorobenzene	99 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

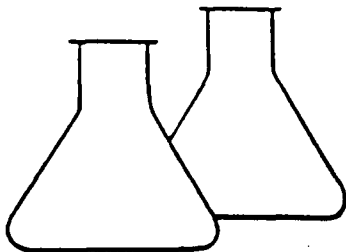
Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.

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

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: TCLP Extraction Method Blank



ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

** QUALITY ASSURANCE

EPA METHODS 8010/8020

MATRIX SPIKE - AROMATIC / HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Spike	Date Reported:	03-22-94
Laboratory Number:	7071-S-TCV	Date Sampled:	03-18-94
Sample Matrix:	Soil	Date Received:	03-18-94
Analysis Requested:	TCLP	Date Analyzed:	03-22-94
Condition:	NA		

Parameter	Sample Result (ug/L)	Spike Added (ug/L)	Spiked Sample Result (ug/L)	Det. Limit (ug/L)	Percent Recovery	SW-846 % Rec. Accept. Range
Vinyl Chloride	ND	10.0	12.0	6.4	99	28-163
1,1-Dichloroethene	ND	10.0	10.4	6.5	100	43-143
2-Butanone	49.1	10.0	58.0	5.7	98	47-132
Chloroform	ND	10.0	9.9	5.0	99	49-133
Carbon Tetrachloride	ND	10.0	9.2	5.0	92	43-143
Benzene	ND	10.0	9.4	5.1	94	39-150
1,2-Dichloroethane	ND	10.0	9.4	5.0	94	51-147
Trichloroethene	ND	10.0	9.6	5.0	96	35-146
Tetrachloroethene	ND	10.0	10.0	5.0	99	26-162
Chlorobenzene	ND	10.0	9.4	5.0	94	38-150
1,4-Dichlorobenzene	ND	10.0	9.8	5.0	98	42-143

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992

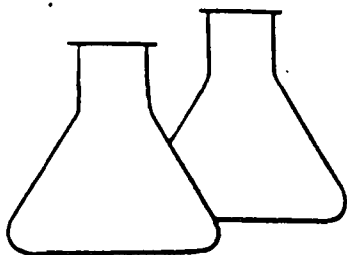
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments:


Analyst


Review



ENVIROTECH LABS

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EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS - BLANKS

Client:	NA	Project #:	NA
Sample ID:	Blanks	Date Reported:	03-28-94
Laboratory Number:	NA	Date Sampled:	NA
Sample Matrix:	TCLP Extract	Date Received:	NA
Analysis Requested:	TCLP	Date Analyzed:	03-23-94
Condition:	NA	Date Extracted:	NA

Parameter	Instrument Blank (mg/L)	Extraction Sol. Blank (mg/L)	Det. Limit (mg/L)
ARSENIC	ND	ND	0.001
BARIUM	ND	ND	0.1
CADMIUM	ND	ND	0.001
CHROMIUM	ND	ND	0.001
LEAD	ND	ND	0.001
MERCURY	ND	ND	0.002
SELENIUM	ND	ND	0.001
SILVER	ND	ND	0.01

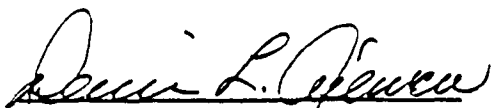
Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

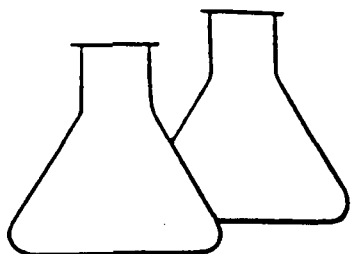
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND - Parameter not detected at the stated detection limit.

Comments:


Analyst


Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615 • FAX: (505) 632-1865

QUALITY ASSURANCE REPORT
EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS - MATRIX SPIKE

Client:	NA	Project #:	NA
Sample ID:	NA	Date Reported:	03-28-94
Laboratory Number:	NA	Date Sampled:	03-18-94
Sample Matrix:	TCLP Extract	Date Received:	03-18-94
Analysis Requested:	TCLP	Date Analyzed:	03-23-94
Condition:	NA	Date Extracted:	03-21-94

Parameter	Spike Added (mg/L)	Sample Result (mg/L)	Spiked Sample Result (mg/L)	Percent Recovery
ARSENIC	0.100	0.007	0.106	99
BARIUM	10.0	3.18	13.1	99
CADMIUM	0.100	0.014	0.112	98
CHROMIUM	0.100	ND	0.101	101
LEAD	0.100	0.008	0.107	99
MERCURY	0.100	ND	0.098	98
SELENIUM	0.100	0.002	0.102	100
SILVER	1.00	ND	0.975	98

QA ACCEPTANCE CRITERIA:	Parameter	Acceptance Range %
	TCLP Metals	80 - 120

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

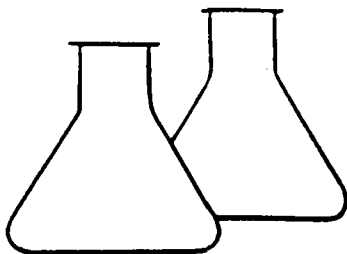
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND - Parameter not detected at the stated detection limit.

Comments:

Steven R. Cline
Analyst

Morris D. Young
Review



ENVIROTECH LABS

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

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	04-03-94
Laboratory Number:	0402TBN.BLK	Date Sampled:	NA
Sample Matrix:	Hexane	Date Received:	NA
Preservative:	NA	Date Extracted:	NA
Condition:	NA	Date Analyzed:	04-02-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.022	5.0
Nitrobenzene	ND	0.020	5.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

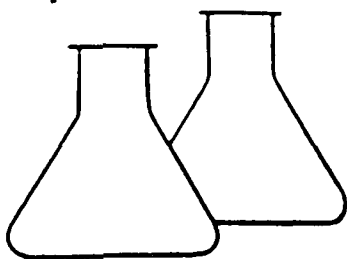
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments:

Tony Testa
Analyst

Morgan D. Young
Review



ENVIROTECH LABS

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

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	N/A	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	04-03-94
Laboratory Number:	0316TBN.MB	Date Sampled:	N/A
Sample Matrix:	Sand	Date Received:	N/A
Preservative:	N/A	Date Extracted:	03-16-94
Condition:	N/A	Date Analyzed:	04-02-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.022	5.0
Nitrobenzene	ND	0.020	5.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

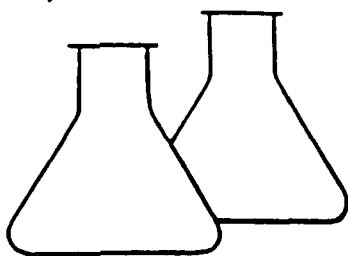
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments:

Tony T. Tostano
Analyst

Marie D. Young
Reviewer



ENVIROTECH LABS

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

EPA METHOD 8040 PHENOLS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	04-04-94
Laboratory Number:	0403TCA.BLK	Date Sampled:	NA
Sample Matrix:	2-Propanol	Date Received:	NA
Preservative:	NA	Date Extracted:	NA
Condition:	NA	Date Analyzed:	04-03-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.040	2.0
2,4,5-Trichlorophenol	ND	0.040	2.0
Pentachlorophenol	ND	0.025	100.0

SURROGATE RECOVERY	Parameter	Percent Recovery
	2-fluorophenol	111 %
	2,4,6-tribromophenol	112 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

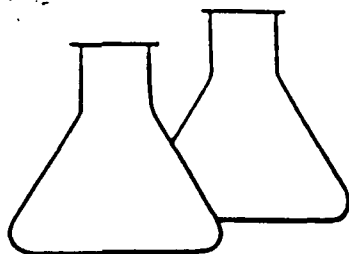
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1992

ND - Parameter not detected at the stated detection limit.

Comments:

Tony Tintar
Analyst

Morris D. Young
Review



ENVIROTECH LABS

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

EPA METHOD 8040 PHENOLS

Client:	NA	Project #:	NA
Sample ID:	Method Blank	Date Reported:	04-04-94
Laboratory Number:	0316TCA.MB	Date Sampled:	NA
Sample Matrix:	Sand	Date Received:	NA
Preservative:	NA	Date Extracted:	03-16-94
Condition:	NA	Date Analyzed:	04-03-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.040	2.0
2,4,5-Trichlorophenol	ND	0.040	2.0
Pentachlorophenol	ND	0.025	100.0

SURROGATE RECOVERY	Parameter	Percent Recovery
	2-fluorophenol	98 %
	2,4,6-tribromophenol	105 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1992

ND - Parameter not detected at the stated detection limit.

Comments:

Tom Tinton
Analyst

Marcus Young
Review

CHAIN OF CUSTODY RECORD

Client/Project Name WESTERN COMPANY			Project Location 3250 SOUTHSIDE RIVER RD		92101 ANALYSIS/PARAMETERS							
Sampler: (Signature) <i>Robert M Young</i>			Chain of Custody Tape No.		No. of Containers 1	TCLP w/o Pest/Herb ✓						Remarks 5-POINT COMPOSITE
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix								
WASH BAY SOLIDS	3/18/94	1340	7072	SOIL								
OR SWEEP	3/18/94	1335	7073	SOIL	1	✓						5-POINT COMPOSITE
Relinquished by: (Signature) <i>Robert M Young</i>			Date 3/18/94	Time 1435	Received by: (Signature) <i>Kevin L. Cramer</i>			Date 3-18-94	Time 1435			
Relinquished by: (Signature)					Received by: (Signature)							
Relinquished by: (Signature)					Received by: (Signature)							

ENVIROTECH INC.
 5796 U.S. Highway 64-3014
 Farmington, New Mexico 87401
 (505) 632-0615

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)		4. Generator Halliburton Energy Services
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility		5. Name of Originating Site Halliburton Energy Services / Ker
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, New Mexico 87401		6. Name of Transporter Envirotech Waste Management
7. Location of Material (Street Address or ULSTR) 1125 US Hwy 550, Artec, NM		8. State New Mexico

9. Check One

☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.

☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.

☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Dates(s) for Transportation: 12/94

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of Compressor Oil Contaminated Soils from Various Sites. Stockpiled at 1125 W. Hwy 550

*TCLP on file, Sampled 3-15-94.

RECEIVED
JAN 3 0 1995
OIL CON. DIV.
DIST. 3

RECEIVED
JAN 2 5 1995
OIL CONSERVATION DIV.
SANTA FE

RECEIVED
DEC 1 5 1994
OIL CON. DIV.
DIST. 3

Estimated Volume 50 yd³ Known Volume (to be entered by the operator at the end of the haul):

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert M. Young TITLE Land Farm Supervisor DATE 12/13/94

TYPE OR PRINT NAME Robert M. Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Faust TITLE Geologist DATE 12/15/94

APPROVED BY [Signature] TITLE GEOLOGIST DATE 1-25-95

CONDITIONS OF APPROVAL, IF ANY: Chris - you need to attach these sheets to original entire packet and have Roger review again. This is the original cover sheet - note Tidewater has acquired this company, TCLP on file

92118

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	4. Generator <i>Halliburton Energy Services</i>	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Name of Originating Site <i>Halliburton Energy Services Yard</i>	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, New Mexico 87401	6. Name of Transporter <i>Envirotech Waste Management</i>	
7. Location of Material (Street Address or ULSTR) <i>1125 US Hwy 550, Aztec, NM</i>	8. State <i>New Mexico</i>	
9. Check One		
☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.		
All transporters must certify that the wastes delivered are only those consigned for transport.		
Projected Dates(s) for Transportation: <i>12/94</i>		
BRIEF DESCRIPTION OF THE MATERIAL:		

Continuation of Compressor Oil Contaminated Soils from Various Sites. Stockpiled at 1125 W. Hwy 550

*TCLP on file, Sampled 3-15-94.

RECEIVED
DEC 15 1994
OIL CON. DIV.
DIST. 3

Estimated Volume 50 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Robert M. Young* TITLE Land Farm Supervisor DATE 12/13/94

TYPE OR PRINT NAME Robert M. Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY *Denny G. Fawcett* TITLE Geologist DATE 12/15/94

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

REAFFIRMATION OF WASTE STATUS / NON-EXEMPT WASTE

I hereby certify that the attached Request For Approval and Certificate of Waste Status are for materials generated using the same procedures and equipment employed to generate the waste on which Toxicity Characterization Leaching Procedures (TCLP) analysis was performed. I further certify that said material is from operations in the immediate Four Corners area.

Signed *Paul McCoy*Date of TCLP 5/6/94Name TOOD M^{CO}COYTitle/Agency Dist managerAddress P.O. Box 280Flora Vista NM 87415Signature *Paul McCoy*Date 1/23/95

Tidewater Compression

TO: DENNY FOUST

FROM: JIM WOODS

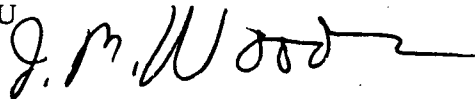
DATE: JANUARY 23, 1994

SUBJECT: CHANGE IN NAME

HALLIBURTON COMPRESSION SERVICES HAS BEEN PURCHASED BY
TIDEWATER COMPRESSION SERVICES. THE LOCATION AND MATERIAL HAS
REMAINED THE SAME. THE ONLY CHANGE HAS BEEN THE NAME.

PLEASE CONTACT ME IF YOU NEED ANY FURTHER INFORMATION
REGARDING THIS MATTER.

THANK YOU



JIM WOODS
REGIONAL SUPERVISOR



TIDEWATER COMPRESSION SERVICE, INC.

P.O. Box 280

Flora Vista, NM 87415

(505) 334-6713

FAX (505) 334-7547

A Tidewater Company

92118

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0613

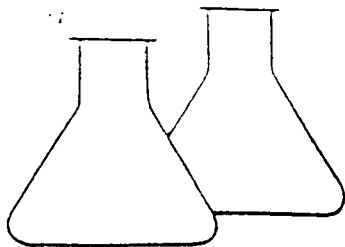
CERTIFICATE OF WASTE STATUS
OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: Halliburton Energy Services
Source: Compressor Dr. Contaminated SOBS -
Disposal Location: Envirotech Soil Remediation Facility, (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Halliburton Energy Services concur with the status of the waste from the subject site.

Name J
Title/Agency _____
Address _____
Signature James M. Wood
Date 12/13/90



ENVIROTECH LABS

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

EPA METHODS 8010/8020 AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	Halliburton Resource Mgmt.	Project #:	92118
Sample ID:	20 Barrel Comp	Date Reported:	03-18-94
Laboratory Number:	7059	Date Sampled:	03-15-94
Sample Matrix:	Soil	Date Received:	03-16-94
Preservative:	Cool	Date Extracted:	03-16-94
Condition:	Cool & Intact	Date Analyzed:	03-17-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
1,1-Dichloroethene	ND	0.005	0.7
2-Butanone	ND	0.005	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.005	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:

Parameter	Percent Recovery
Bromochloromethane	96 %
Bromofluorobenzene	96 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.
Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

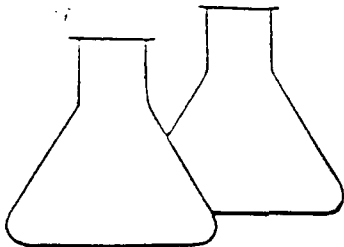
Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: 1125 Hwy 550, Artec

[Signature]

[Signature]



ENVIROTECH LABS

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

EPA METHOD 8040 PHENOLS

Client:	HRM	Project #:	92118
Sample ID:	20 bbl composite	Date Reported:	04-04-94
Laboratory Number:	7059	Date Sampled:	03-15-94
Sample Matrix:	Soil	Date Received:	03-16-94
Preservative:	Cool	Date Extracted:	03-16-94
Condition:	Cool & Intact	Date Analyzed:	04-03-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.040	2.0
2,4,5-Trichlorophenol	ND	0.040	2.0
Pentachlorophenol	0.39	0.025	100.0

SURROGATE RECOVERY	Parameter	Percent Recovery
	2-fluorophenol	114 %
	2,4,6-tribromophenol	106 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

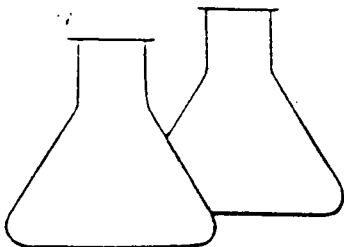
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1992

ND - Parameter not detected at the stated detection limit.

Comments: 1125 Hwy 550, Aztec
Sample from compressor oil waste stream

Tom Tosta
Analyst

Maria D. Young
Review



ENVIROTECH LABS

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

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	HRM	Project #:	92112
Sample ID:	20 bbl composite	Date Reported:	04-03-94
Laboratory Number:	7059	Date Sampled:	03-15-94
Sample Matrix:	Sand	Date Received:	03-16-94
Preservative:	Cool	Date Extracted:	03-16-94
Condition:	Cool & Intact	Date Analyzed:	04-02-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.022	5.0
Nitrobenzene	ND	0.020	5.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
Hexachlorobenzene	ND	0.020	0.13

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

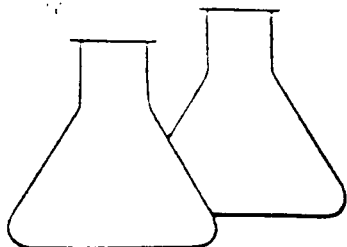
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: 1125 Hwy 550 Aztec
Sample from compressor oil waste stream

Tony Tristano
Analyst

Marion L. Young
Reviewer



ENVIROTECH LABS

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

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	Halliburton Resource Mgmt.	Project #:	92118
Sample ID:	20 Barrel Comp.	Date Reported:	03-18-94
Laboratory Number:	7059	Date Sampled:	03-15-94
Sample Matrix:	Soil	Date Received:	03-16-94
Preservative:	Cool	Date Analyzed:	03-17-94
Condition:	Cool & Intact	Date Extracted:	03-16-94
		Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
ARSENIC	0.003	0.001	5.000
BARIUM	1.3	0.1	100.0
CADMIUM	0.030	0.001	1.000
CHROMIUM	ND	0.001	5.000
LEAD	0.042	0.001	5.000
MERCURY	ND	0.002	0.200
SELENIUM	0.008	0.001	1.000
SILVER	ND	0.01	5.00

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

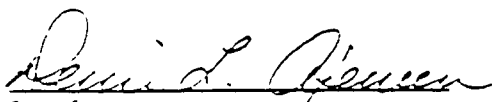
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

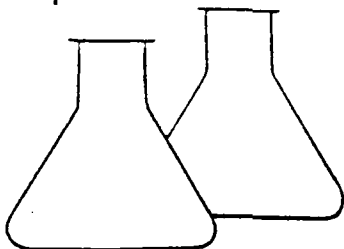
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: 1125 Hwy 550, Aztec


Analyst


Review



ENVIROTECH LABS

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

RCRA CHARACTERISTICS

Client:	Halliburton Resources Mgmt.	Project #:	92118
Sample ID:	20 Barrel Composite	Date Reported:	03-16-94
Lab ID#:	7059	Date Sampled:	03-15-94
Sample Matrix:	Soil	Date Received:	03-16-94
Preservative:	Cool	Date Analyzed:	03-16-94
Condition:	Cool & Intact		

IGNITABILITY: Did not ignite upon direct contact with flame after heating to 60°C.

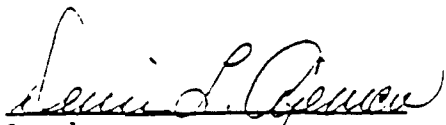
CORROSIVITY: pH of 8.19

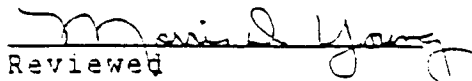
REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: $\leq$ pH 2 or $\geq$ pH 12.5 is hazardous waste.

1125 Hwy 550, Aztec


Analyst

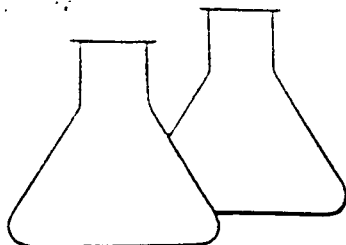

Reviewed

ENVIROTECH LABORATORIES

5796 U.S. HIGHWAY 64-2014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

QUALITY ASSURANCE/QUALITY CONTROL

DOCUMENTATION



ENVIROTECH LABS

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

AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	03-18-94
Laboratory Number:	0317TCV.BLK	Date Sampled:	NA
Sample Matrix:	Water	Date Received:	NA
Preservative:	NA	Date Analyzed:	03-17-94
Condition:	NA	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
2-Butanone	ND	0.005	200
1,1-Dichloroethene	ND	0.005	0.7
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.005	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromochloromethane	99 %
	Bromofluorobenzene	100 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992

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

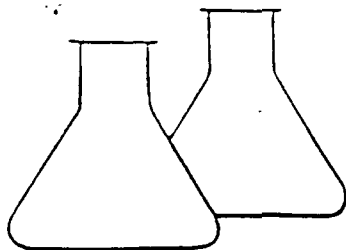
Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments:

David L. Brown

David L. Brown



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8040 PHENOLS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	04-04-94
Laboratory Number:	0403TCA.BLK	Date Sampled:	NA
Sample Matrix:	2-Propanol	Date Received:	NA
Preservative:	NA	Date Extracted:	NA
Condition:	NA	Date Analyzed:	04-03-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.040	2.0
2,4,5-Trichlorophenol	ND	0.040	2.0
Pentachlorophenol	ND	0.025	100.0

SURROGATE RECOVERY	Parameter	Percent Recovery
	2-fluorophenol	111 %
	2,4,6-tribromophenol	112 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

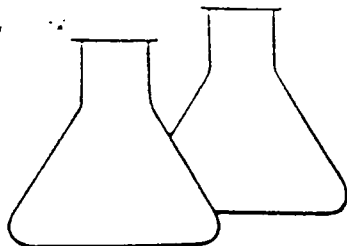
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1992

ND - Parameter not detected at the stated detection limit.

Comments:

Tony Tustons
Analyst

Mavis D. Young
Reviewer



ENVIROTECH LABS

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

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	04-03-94
Laboratory Number:	0402TBN.BLK	Date Sampled:	NA
Sample Matrix:	Hexane	Date Received:	NA
Preservative:	NA	Date Extracted:	NA
Condition:	NA	Date Analyzed:	04-02-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.022	5.0
Nitrobenzene	ND	0.020	3.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

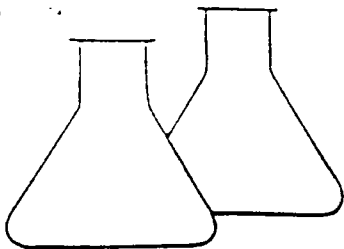
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments:

Tony Tristano
Analyst

Maria D. Young
Reviewer



ENVIROTECH LABS

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

EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS - BLANKS

Client:	NA	Project #:	NA
Sample ID:	Blanks	Date Reported:	03-18-94
Laboratory Number:	NA	Date Sampled:	NA
Sample Matrix:	TCLP Extract	Date Received:	NA
Analysis Requested:	TCLP	Date Analyzed:	03-17-94
Condition:	NA	Date Extracted:	NA

Parameter	Instrument Blank (mg/L)	Extraction Sol. Blank (mg/L)	Det. Limit (mg/L)
ARSENIC	ND	ND	0.001
BARIUM	ND	ND	0.1
CADMIUM	ND	ND	0.001
CHROMIUM	ND	ND	0.001
LEAD	ND	ND	0.001
MERCURY	ND	ND	0.002
SELENIUM	ND	ND	0.001
SILVER	ND	ND	0.01

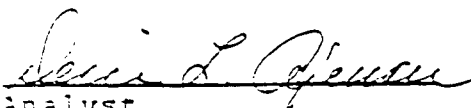
Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

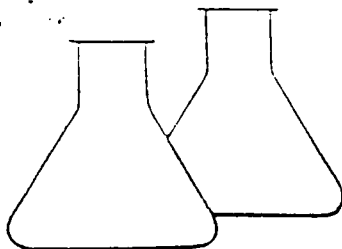
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND - Parameter not detected at the stated detection limit.

Comments:


Analyst


Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1365

EPA METHODS 8010/8020 AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:	NA
Sample ID:	Method Blank	Date Reported:	03-18-94
Laboratory Number:	0316TCV.MB	Date Sampled:	NA
Sample Matrix:	Soil	Date Received:	NA
Preservative:	Cool	Date Extracted:	03-16-94
Condition:	Cool & Intact	Date Analyzed:	03-17-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
1,1-Dichloroethene	ND	0.005	0.7
2-Butanone	ND	0.005	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.005	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromochloromethane	99 %
	Bromofluorobenzene	98 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.
Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

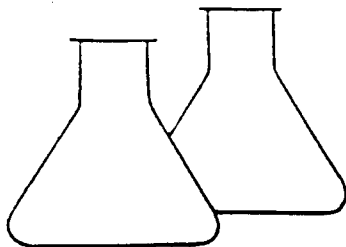
Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: TCLP Extraction Method Blank

[Signature]

[Signature]



ENVIROTECH LABS

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

EPA METHOD 8040 PHENOLS

Client:	NA	Project #:	NA
Sample ID:	Method Blank	Date Reported:	04-04-94
Laboratory Number:	0316TCA.MB	Date Sampled:	NA
Sample Matrix:	Sand	Date Received:	NA
Preservative:	NA	Date Extracted:	03-16-94
Condition:	NA	Date Analyzed:	04-03-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	100.0
p,m-Cresol	ND	0.040	100.0
2,4,6-Trichlorophenol	ND	0.040	2.0
2,4,5-Trichlorophenol	ND	0.040	2.0
Pentachlorophenol	ND	0.025	100.0

SURROGATE RECOVERY	Parameter	Percent Recovery
	2-fluorophenol	98 %
	2,4,6-tribromophenol	105 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

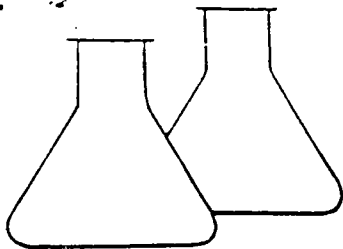
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1992

ND - Parameter not detected at the stated detection limit.

Comments:

Tom Tinsley
Analyst

Maria D. Yama
Reviewer



ENVIROTECH LABS

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

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	N/A	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	04-03-94
Laboratory Number:	0316TEN.MB	Date Sampled:	N/A
Sample Matrix:	Sand	Date Received:	N/A
Preservative:	N/A	Date Extracted:	03-16-94
Condition:	N/A	Date Analyzed:	04-02-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.022	5.0
Nitrobenzene	ND	0.020	5.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

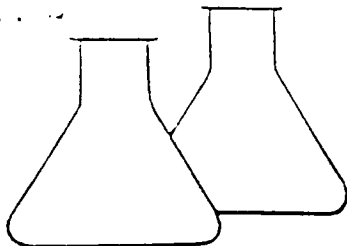
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments:

Tony Taitano
Analyst

Marvin Young
Review



ENVIROTECH LABS

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

** QUALITY ASSURANCE

EPA METHODS 8010/8020

MATRIX SPIKE - AROMATIC / HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Spike	Date Reported:	03-13-94
Laboratory Number:	7059STCV.	Date Sampled:	03-15-94
Sample Matrix:	Soil	Date Received:	03-16-94
Analysis Requested:	TCLP	Date Analyzed:	03-17-94
Condition:	NA		

Parameter	Sample Result (ug/L)	Spike Added (ug/L)	Spiked Sample Result (ug/L)	Det. Limit (ug/L)	Percent Recovery	SW-846 % Rec. Accept. Range
Vinyl Chloride	ND	10.0	11.3	5.0	101	28-153
1,1-Dichloroethene	ND	10.0	10.4	5.1	98	43-143
2-Butanone	ND	10.0	10.8	5.0	102	47-132
Chloroform	ND	10.0	9.9	5.0	99	49-133
Carbon Tetrachloride	ND	10.0	9.7	5.0	97	43-143
Benzene	ND	10.0	10.0	5.0	96	39-150
1,2-Dichloroethane	ND	10.0	9.7	5.0	97	51-147
Trichloroethene	ND	10.0	9.7	5.0	97	35-146
Tetrachloroethene	ND	10.0	12.1	5.0	100	26-162
Chlorobenzene	ND	10.0	10.0	5.0	100	38-150
1,4-Dichlorobenzene	ND	10.0	9.6	5.0	96	42-143

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

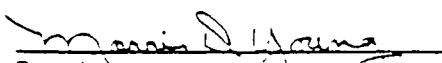
Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.

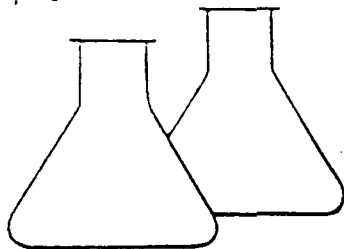
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments:


Analyst


Review



ENVIROTECH LABS

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

QUALITY ASSURANCE REPORT
EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS - MATRIX SPIKE

Client:	NA	Project #:	NA
Sample ID:	NA	Date Reported:	03-18-94
Laboratory Number:	NA	Date Sampled:	03-15-94
Sample Matrix:	TCLP Extract	Date Received:	03-16-94
Analysis Requested:	TCLP	Date Analyzed:	03-17-94
Condition:	NA	Date Extracted:	03-16-94

Parameter	Spike Added (mg/L)	Sample Result (mg/L)	Spiked Sample Result (mg/L)	Percent Recovery
ARSENIC	0.100	0.003	0.102	99
BARIUM	10.0	1.28	11.3	100
CADMIUM	0.100	0.030	0.130	100
CHROMIUM	0.100	ND	0.101	101
LEAD	0.100	0.042	0.141	99
MERCURY	0.100	ND	0.099	99
SELENIUM	0.100	0.008	0.107	99
SILVER	1.00	ND	1.01	101

QA ACCEPTANCE CRITERIA:	Parameter	Acceptance Range %
	TCLP Metals	80 - 120

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND - Parameter not detected at the stated detection limit.

Comments:

Dennis L. Pinner
Analyst

Marvin J. Young
Review

1

CHAIN OF CUSTODY RECORD

[illegible]

ENVIROTECH INC.
5796 U.S. Highway 64 3014
Farmington, New Mexico 87401

Submittal Results
e. A. Young

92197

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter Enviro Tech, Inc.	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator Meridian Oil Inc.	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site Val Verde Plant	
7. Originating Location of Material (Street Address or ULSTR) Val Verde Gas Plant Bloomfield, NM.	8. State New Mexico	
9. Check One ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for Transportation: 1/3/95		

BRIEF DESCRIPTION OF THE MATERIAL:

Activated Charcoal Filter media for TEG & MDEA
Filtration.

RECEIVED
JAN 11 1995
OIL CON. DIV.
DIST. 3

BOL 5685
20 yds
1-3-95
Placed in LF#2-D19

Estimated Volume 20 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert M. Brown for RMY TITLE Land Farm Supervisor DATE 1-10-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Foust TITLE Geologist DATE 1/11/95

APPROVED BY Steve Bruch TITLE Geologist DATE 1/11/95

CONDITIONS OF APPROVAL, IF ANY:

ENV RO' ECH NC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS
OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: Val Verde Plant

Source: MDEA & TGA Filters

Disposal Location: Envirotech Soil Remediation Facility (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Meridian Oil Inc
concur with the status of the waste from the subject site.

Name Craig A. Buck
Title/Agency Associate Environmental Representative
Address PO Box 4289, Farmington NM, 87401-4289
Signature C. A. Buck
Date 1/3/95

PO Box 4289, Farmington, NM 87499

1. Waste Location: Lease/Well No. Val Verde Plant

2. Volume: 20 Cubic Yards Barrels Gallons

3. Description of Waste: 3 Activated Charcoal Filter
Media Sac TEG & MDEA Filtration

4. Method of Waste Generation: Filtration of MDEA &
TEG

5. Approval for Disposal C. A. Ford Date 1/3/95
(signature)

Transportation Company: _____

Date(s) Transported: _____

MOI Representative on Site _____ Date _____

(signature)

Date(s) Received: _____
Total Volume Received: _____
Waste Location : Cell/Grid No. _____
Disposal Cost: _____

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter ENVIROTECH	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator ROBERT L BARLESS	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site Navajo H 12	
7. Originating Location of Material (Street Address or ULSTR) SW NW Sec 14. T29N R14W San Juan Co. N.M.	8. State New Mexico	

9. Check One

☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.

☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.

☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Date(s) for Transportation:
BRIEF DESCRIPTION OF THE MATERIAL:

Crude oil spill; flowline release between well head and Battery.

RECEIVED
APR 28 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 80 yd³ Known Volume (to be entered by the operator at the end of the haul): yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 4-25-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Fent TITLE Geologist DATE 5/1/95

APPROVED BY Eric Bush TITLE " DATE "

CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: Navajo H #12 Oil well SWNW, Sec: 14, T29N, R14W, San Juan County, NM

Source: Crude oil flowline on lease between wellhead and battery

Disposal Location: Envirotech Soil Remediation Facility, (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for R.L. Bayless
concur with the status of the waste from the subject site.

Name Tom McCarthy

Title/Agency Petroleum Engineer

Address P O Box 168
Farmington, NM 87499

Signature Tom W. McCarthy

Date 4-20-95

RECEIVED
APR 28 1995
OIL CON. DIV.
DIST. 3

**THE
NAVAJO
NATION**

P. O. BOX 308 • WINDOW ROCK, ARIZONA 86515 • (602) 871-4941

ALBERT HALE
PRESIDENT

THOMAS ATCITY
VICE PRESIDENT

April 12, 1995

Mr. Tom R. McCarthy
Robert L. Bayless
P.O. Box 168
Farmington, NM 87499

RE: Navajo Tribal H Lease

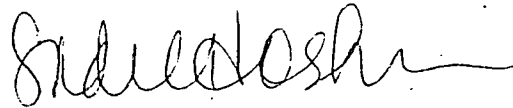
Dear Mr. McCarthy

We have reviewed the information concerning the petroleum contaminated waste material from the Navajo H No. 12 oil well, SW/4 NW/4 Section 14, T29N, R14W, San Juan Co., New Mexico.

We do not certify the waste as exempt from regulation by the Resource Conservation and Recovery Act (RCRA). The operator remains responsible for this certification.

As a representative for the Navajo Nation, I have no objections to the material being removed to New Mexico. After removal, the material may not be returned to Navajo Nation lands.

Sincerely,



Sadie Hoskie, Director
Navajo Nation Environmental
Protection Agency

RECEIVED
APR 28 1995

OIL CON. DIV.
DIST. 3

92197

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter ENVIROTECH	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator MERIDIAN	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site VAL VERDE Plant	
7. Originating Location of Material (Street Address or ULSTR) A-14 T29N R11W N14PM	8. State New Mexico	

9. Check One

☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.

☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.

☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Date(s) for Transportation: 4-5-95

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of ACTIVATED CHARCOAL FILTER Media for Amine Filtration

RECEIVED
MAY 16 1995
OIL CON. DIV.
DIST. 3

Rec Tag 8025855
Landfarm 2 D-19
4/15/95

Estimated Volume 7 cu yd Known Volume (to be entered by the operator at the end of the haul): 7 yd

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 4-5-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny J. Foust TITLE Geologist DATE 5/16/95

APPROVED BY Frank Busch TITLE u DATE u

CONDITIONS OF APPROVAL, IF ANY: Rob young has been warned there is not to be a delay of over 10 days between shipment and paperwork. If verbal approval is given paperwork should not be later than 10 days regardless of shipping date.

Exempt Waste Manifest

Meridian Oil Inc.

PO Box 4289, Farmington, NM 87498

92197

Safety and
Environmental

1. Waste Location: Lease/Well No. VAL VERDE PLANT
2. Volume: 7 Cubic Yards Barrels Gallons
3. Description of Waste: CHARCOAL FILTER MEDIA
4. Method of Waste Generation: PRODUCTION OPERATION
5. Disposal Facility: ENVIROTECH LANDFARM
6. Disposal Cost:
7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal Kevin C. Myers Date 4-4-95
(signature)MOI
RepresentativeTransportation Company: EnvirotechDate(s) Transported: 4-5-95MOI Representative on Site Bob H. Huffer Date 4-5-95
(signature)

Disposal Facility

Complete and
return to
MeridianSafety and
Environmental
with Invoice.Date(s) Received: 4-5-95Total Volume Received: 7 CUBIC YARDSWaste Location: Cell/Grid No. LF#2 D19Received By: [Signature]
(signature)

Post-It™ brand fax transmittal memo 7571		# of pages > 1
To PERRY DOUGLAS	From KEVIN MYERS	
Co. MOI	Co. MOI	
Dept.	Phone #	
Fax # 632-1847	Fax #	

ENVIROTECH INC.

92197

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

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

CERTIFICATE OF WASTE STATUS
OILFIELD EXEMPT WASTE

Originating Location: VAL VERDE PLANT - MERIDIAN OIL

Source: CHARCOAL FILTER MEDIA

Disposal Location: Envirotech Soil Remediation Facility (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for MERIDIAN OIL
concur with the status of the waste from the subject site.

Name KEVIN C. MYERS
Title/Agency ENVIRONMENTAL SPECIALIST

Address _____

Signature Kevin C Myers

Date 4/4/95

92197

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☐ No ☐ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter Envirotech	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator Meridian	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site Val Verde Plant	
7. Originating Location of Material (Street Address or ULSTR) A-14- T29N- R11W - N14PM	8. State New Mexico	
9. Check One ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for Transportation: 4/12/95		

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of activated charcoal filter media from Amine Filtration

RECEIVED
MAY 17 1995OIL CON. DIV.
DIST. 3
 Rec 9 cy 4/12/95
 Box 5504
 Landfarm 2 D-19
Estimated Volume 10 yd³ Known Volume (to be entered by the operator at the end of the haul): 10 yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 4/12/95TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Fount TITLE Geologist DATE 5/17/95APPROVED BY Ernie Bush TITLE u DATE uCONDITIONS OF APPROVAL, IF ANY: Continued late paperwork will result in no verbal approvals being given.

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

Q2197

CERTIFICATE OF WASTE STATUS OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: Val Verde Plant
Source: MDEA Filtration
Disposal Location: Envirotech Soil Remediation Facility (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Meridian Oil Inc. concur with the status of the waste from the subject site.

Name Craig A. Bock
Title/Agency PR Environmental Representative
Address 38 P.O. Box 4289, Farmington NM 87401-4289
Signature Craig A. Bock
Date 04/13/95

Exempt Waste Manifest
Meridian Oil Inc.
PO Box 4269, Farmington, NM 87409

92197

Safety and
Environmental

1. Waste Location: Lease/Well No. Val Verde Plant
2. Volume: 10 Cubic Yards Barrels Gallons
3. Description of Waste: Activated Charcoal Filter media
4. Method of Waste Generation: Filtration of MREA Solvent
5. Disposal Facility: Envirotech
6. Disposal Cost: \$16 / yd³
7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal

(signature)

Date 4-12-95MOI
RepresentativeTransportation Company: EnvirotechDate ☒ Transported: 4-12-95

MOI Representative on Site

(signature)

Date 4-12-95Disposal Facility
Complete andreturn to
MeridianSafety and
Environmental
with Invoice.Date(s) Received: 4/12/95Total Volume Received: 9cy

Waste Location: Cell/Grid No.

Landfarm 2 D-19

Received By:

(signature)

Revised January 16, 1994

93163

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal OK Verbal Approval Received: Yes ☒ No ☐ ERNIE BUSH 4-17-95 3:30 PM (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter ENVIROTECH	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator Phillips Petroleum	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site Various Separators	
7. Originating Location of Material (Street Address or ULSTR) San Juan 30-5 #202, Sec 30 T30N R5W San Juan 31-6 #201, Sec 1, T30N R6W San Juan 31-6 #202, Sec 1, T31N, R6W	8. State New Mexico	
9. Check One ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for Transportation: 4/18/95		

BRIEF DESCRIPTION OF THE MATERIAL:

CARBONATE Scale clean up of separators

Rec 2 drums 4/18/95
 box 5907. Placed in
 Landfarm #2 D-17

RECEIVED
 MAY 17 1995
 OIL CON. DIV.
 DIST. 3

Estimated Volume 1 dry drum ^{yd³} Known Volume (to be entered by the operator at the end of the haul): 2 drums ^{yd³}
 I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 4-17-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Dennis J. Zant TITLE Geologist DATE 5/17/95

APPROVED BY Ernie Bush TITLE u DATE 4

CONDITIONS OF APPROVAL, IF ANY: Continual late paperwork will result in no verbal approvals being given

ENVIROTECH INC.

93163

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 • 3014

FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615

San Juan 30-5 #201 Sec 6-30-5
" " 31-6 #201 Sec 1-30-6
" " 31-6 #202 Sec 1-30-6

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

San Juan 31-6 #203 NENE Sec 3-T30N-R6W
Originating Location: San Juan 31-6 #206 SE SW Sec 4-T30N-R6W

source: Coal Seam Produced Water Tank Scale

Disposal Location: Envirotech Soil Remediation Facility, (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Phillips Petroleum
concur with the status of the waste from the subject site.

Name Eol Hasely
Title/Agency Environmental Engineer

Address 5525 Hwy 64
Farmington NM 87401

Signature Eol Hasely

Date 3/27/95

4/17/95

93116-02

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ (Submitting this form for oilfield exempt waste is optional)	Donna Faust Vice Pres Approved 4-5-95 8:00 AM	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	4. Name of Transporter A-Plus Well Servicing, Inc.	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	5. Generator Marilinda / A-Plus	
7. Originating Location of Material (Street Address or ULSTR) NE SEC 14 T30N, R8W S1C4 NM	6. Name of Originating Site Howell E#2	
	8. State New Mexico	
9. <u>Check One</u> ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for Transportation: <u>4-5-95</u>		

BRIEF DESCRIPTION OF THE MATERIAL:

Play & abandonment returns, cement solids
From Howell ZE

RECEIVED
MAY 17 1995

OIL CON. DIV.
DIST. 3

Rec 304 4/5/95
Box 5856
Placed into LF#2 L-18

Estimated Volume 3 yd³ Known Volume (to be entered by the operator at the end of the haul): 3 yd³
I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 4-5-95
TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Faust TITLE Geologist DATE 5/17/95
APPROVED BY James Burch TITLE cc DATE 4

CONDITIONS OF APPROVAL, IF ANY: Continued late paperwork will result in no verbal approvals being given

93116-02

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615
FAX 632-1865

CERTIFICATE OF WASTE STATUS
OILFIELD EXEMPT WASTE

Originating Location: HOWELL E # 2
Source: P&A RETURNS / SOLIDS / CEMENT
Disposal Location: Envirotech Soil Remediation Facility. (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for MERIDIAN OIL
concur with the status of the waste from the subject site.

Name KEVIN C. MYERS
Title/Agency ENVIRONMENTAL SPECIALIST
Address _____

Signature Kevin C. Myers
Date 4-5-95

91005

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter <i>Envirotech</i>	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator <i>Envirotech</i>	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site <i>Envirotech Main Yard</i>	
7. Originating Location of Material (Street Address or ULSTR) <i>5796 US Hwy 64-3014, Farmington, NM 87401</i>	8. State <i>New Mexico</i>	

9. Check One

- ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Date(s) for Transportation: *5/95*

BRIEF DESCRIPTION OF THE MATERIAL:

Yard Clean-up. Soils Contaminated from maintenance spills of oil, diesel, etc.

RECEIVED
JUN - 2 1995
OIL CON. DIV.
DIST. 3

RECEIVED

MAY 23 1995
Environmental Bureau
Oil Conservation Division

RECEIVED
MAY 17 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 20 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Robert Young* TITLE Land Farm Supervisor DATE 5/16/95TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY *Dennis G. Fawcett* TITLE Geologist DATE 5/17/95APPROVED BY *C. G. Fawcett* TITLE Geologist DATE 5/23/95CONDITIONS OF APPROVAL IF ANY: SF 5/17/95

91005

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		RECEIVED	XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter <i>Envirotech</i>		
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator <i>Envirotech</i>		
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site <i>Envirotech Main Yard</i>		
7. Originating Location of Material (Street Address or ULSTR) <i>5796 US Hwy 64-3014, Farmington, NM 87401</i>	8. State <i>New Mexico</i>		

9. Check One
- ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
 - ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
 - ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.
- All transporters must certify that the wastes delivered are only those consigned for transport

Projected Date(s) for Transportation: *5/95*

BRIEF DESCRIPTION OF THE MATERIAL:

Yard Clean-up. Soils Contaminated from maintenance spills of oil, diesel, etc.

RECEIVED
JUN - 1 1995
Environmental Bureau
Oil Conservation Division
OIL CON. DIV.
DIST. 3

RECEIVED
MAY 17 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 20 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Robert Young* TITLE Land Farm Supervisor DATE 5/16/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY *Dennis G. Fennit* TITLE Geologist DATE 5/17/95

APPROVED BY *C. G. Fennit* TITLE Geologist DATE 5/23/95

CONDITIONS OF APPROVAL, IF ANY: *SF 5/17/95*

91005

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter <i>Envirotech</i>	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator <i>Envirotech</i>	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site <i>Envirotech Main Yard</i>	
7. Originating Location of Material (Street Address or ULSTR) <i>5796 US Hwy 64-3014, Farmington, NM 87401</i>	8. State <i>New Mexico</i>	
9. Check One ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for Transportation: <i>5/95</i>		

BRIEF DESCRIPTION OF THE MATERIAL:

Yard Clean-up. Soils Contaminated from maintenance spills of oil, diesel, etc.

RECEIVED
MAY 17 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 20 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Robert Young* TITLE Land Farm Supervisor DATE 5/16/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY *Denny G. Funt* TITLE Geologist DATE 5/17/95

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: Santa Fe 5/17/

ENVIROTECH INC.

91005

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: Envirotech, 5796 US Hwy 64-3014, Farmington NM

Source: Yard Clean-up

Disposal Location: Envirotech Soil Remediation Facility, (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

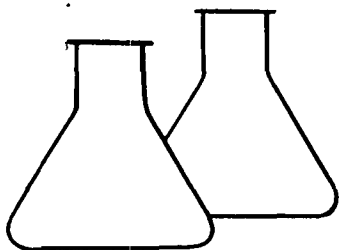
I, the undersigned, as the agent for Envirotech
concur with the status of the waste from the subject site.

Name ROBERT M. YOUNG
Title/Agency LANDFARM SUPERVISOR

Address 5796 US Hwy 64-3014
Farmington NM 87401

Signature Robert M. Young

Date 5/16/85



ENV RO' TECH LABS

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

SUSPECTED HAZARDOUS & SOLID WASTE ANALYSIS

Client:	Envirotech	Project #:	91005
Sample ID:	5 Point Composite	Date Reported:	04-14-95
Lab ID#:	8256	Date Sampled:	03-23-95
Sample Matrix:	Soil	Date Received:	03-23-95
Preservative:	Cool	Date Analyzed:	04-14-95
Condition:	Cool & Intact	Chain of Custody:	4129

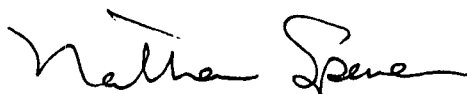
IGNITABILITY: Did not ignite upon direct contact with flame.

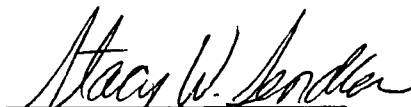
CORROSIVITY: pH of 7.76

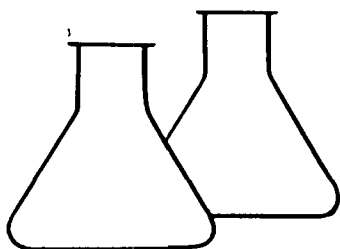
REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: $\leq$ pH 2 or $\geq$ pH 12.5 is hazardous waste.


Analyst


Reviewed



ENVIROTECH LABS

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

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	Envirotech	Project #:	91005
Sample ID:	5 Point Composite	Date Reported:	04-13-95
Laboratory Number:	8256	Date Sampled:	03-23-95
Chain of Custody:	4129	Date Received:	03-23-95
Sample Matrix:	Soil	Date Analyzed:	04-12-95
Preservative:	Cool	Date Extracted:	03-23-95
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
ARSENIC	0.097	0.001	5.00
BARIUM	ND	0.1	100
CADMIUM	ND	0.001	1.00
CHROMIUM	0.017	0.002	5.00
LEAD	0.263	0.001	5.00
MERCURY	ND	0.001	0.200
SELENIUM	ND	0.001	1.00
SILVER	ND	0.001	5.00

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

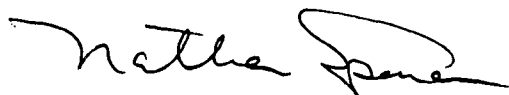
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

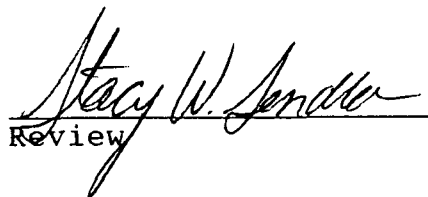
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND = Parameter not detected at the stated detection limit.

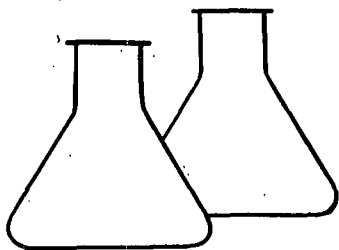
Comments: Composite waste from both Envirotech yards.



Analyst



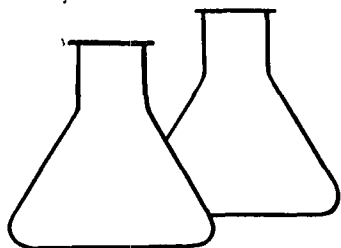
Review



ENV RO' ECH LABS

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

**QUALITY ASSURANCE / QUALITY CONTROL
DOCUMENTATION**



ENVIROTECH LABS

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

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS - BLANKS

Client:	N/A	Project #:	N/A
Sample ID:	Blanks	Date Reported:	04-13-95
Laboratory Number:	N/A	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	04-12-95
Condition:	N/A	Date Extracted:	N/A

Parameter	Instrument Blank (mg/L)	Extraction Sol. Blank (mg/L)	Det. Limit (mg/L)
ARSENIC	ND	ND	0.001
BARIUM	ND	ND	0.1
CADMIUM	ND	ND	0.001
CHROMIUM	ND	ND	0.002
LEAD	ND	ND	0.001
MERCURY	ND	ND	0.001
SELENIUM	ND	ND	0.001
SILVER	ND	ND	0.001

Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

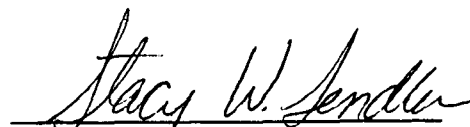
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

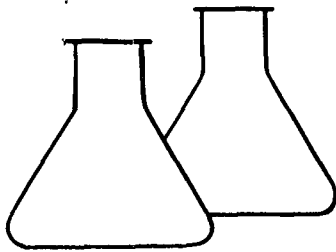
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND = Parameter not detected at the stated detection limit.
N/A = Not Applicable.

Comments: QA/QC for samples 8248, 8256, 8296.


Analyst


Review



ENVIROTECH LABS

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

QUALITY ASSURANCE REPORT
EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS - DUPLICATE

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	04-13-95
Laboratory Number:	8248	Date Sampled:	N/A
Sample Matrix:	Liquid	Date Received:	N/A
Analysis Requested:	Trace Metals	Date Analyzed:	04-12-95
Condition:	N/A	Date Extracted:	03-23-95

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference
ARSENIC	0.0201	0.0242	18.5
BARIUM	ND	ND	0.0
CADMIUM	ND	ND	0.0
CHROMIUM	ND	ND	0.0
LEAD	0.0067	0.0072	7.2
MERCURY	ND	ND	0.0
SELENIUM	0.0043	0.0045	4.5
SILVER	ND	ND	0.0

QA ACCEPTANCE CRITERIA:	Parameter	Maximum Difference
	Trace Metals	30 %

Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

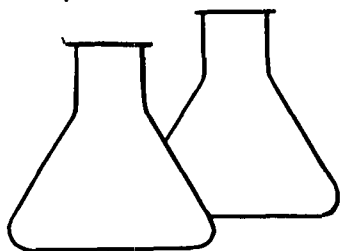
ND = Parameter not detected at the stated detection limit.

N/A = Not Applicable.

Comments: QA/QC for samples 8248, 8256, 8296.


Analyst


Review



ENVIROTECH LABS

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

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Spike	Date Reported:	04-13-95
Laboratory Number:	8248	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	04-12-95
Condition:	N/A	Date Extracted:	03-23-95

Parameter	Spike Added (mg/L)	Sample Result (mg/L)	Spiked Sample Result (mg/L)	Percent Recovery
ARSENIC	0.100	0.020	0.121	101
BARIUM	20.0	ND	19.9	100
CADMIUM	0.100	ND	0.105	105
CHROMIUM	0.100	ND	0.108	108
LEAD	0.100	0.007	0.108	101
MERCURY	0.050	ND	0.051	101
SELENIUM	0.100	0.004	0.104	100
SILVER	2.00	ND	2.08	104

QA ACCEPTANCE CRITERIA:	Parameter	Acceptance Range %
	TCLP Metals	80 - 120

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

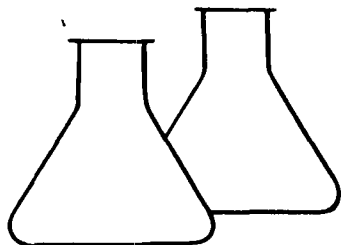
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND = Parameter not detected at the stated detection limit.
N/A = Not Applicable.

Comments: QA/QC for samples 8248, 8256, 8296.

Nathan Spence
Analyst

Steve W. Sandler
Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8040 PHENOLS

Client:	Envirotech Yard	Project #:	91005
Sample ID:	5 point Composite	Date Reported:	04-03-95
Laboratory Number:	8256	Date Sampled:	03-23-95
Chain of Custody:	4129	Date Received:	03-23-95
Sample Matrix:	Soil	Date Extracted:	03-23-95
Preservative:	Cool	Date Analyzed:	03-31-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.021	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	0.029	0.027	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-Fluorophenol	99 %
	2,4,6-Tribromophenol	108 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

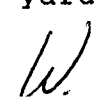
Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

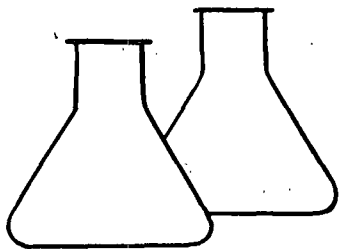
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND - Parameter not detected at the stated detection limit.

Comments: Composite waste from both Enviro ech yards.
Farmington, NM.


Analyst

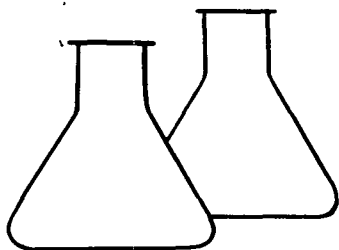

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EPA METHOD 8040 PHENOLS

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	04-03-95
Laboratory Number:	0331TALB	Date Sampled:	N/A
Sample Matrix:	2-Propanol	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-31-95
Condition:	N/A	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.027	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	101 %
	2,4,6-Tribromophenol	106 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

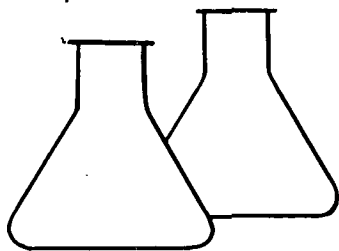
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8248, 8256, 8296.

Nathan Serna
Analyst

Stacy W. Sandler
Review



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EPA METHOD 8040 PHENOLS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Blank	Date Reported:	04-03-95
Laboratory Number:	0323TAMB	Date Sampled:	N/A
Sample Matrix:	2-Propanol	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-31-95
Condition:	N/A	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.021	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.025	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	94 %
	2,4,6-Tribromophenol	96 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

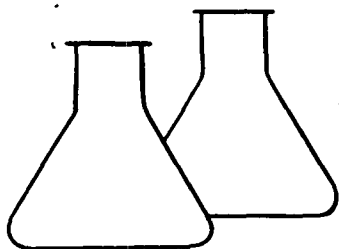
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8248, 8256, 8296.

Nathan Spence
Analyst

Stacy W. Sander
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**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE**
EPA METHOD 8040 PHENOLS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	04-03-95
Laboratory Number:	8248	Date Sampled:	03-15-95
Sample Matrix:	Soil	Date Received:	03-15-95
Preservative:	Cool	Date Extracted:	03-23-95
Condition:	Cool & intact	Date Analyzed:	03-31-95
		Analysis Requested:	TCLP

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Percent Difference
o-Cresol	ND	ND	0.0
p,m-Cresol	ND	ND	0.0
2,4,6-Trichlorophenol	ND	ND	0.0
2,4,5-Trichlorophenol	ND	ND	0.0
Pentachlorophenol	ND	ND	0.0

QA ACCEPTANCE CRITERIA:

Administrative control limit set
at maximum of 30% difference.

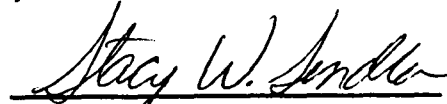
Method: Method 5030, Purge-and-Trap, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

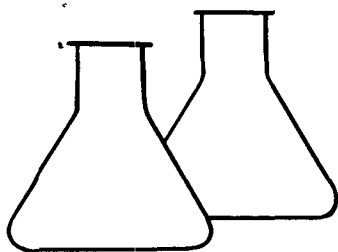
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8248, 8256, 8296.


Analyst


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EPA METHOD 8040 PHENOLS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	04-03-95
Laboratory Number:	8296	Date Sampled:	N/A
Chain of Custody:	N/A	Date Received:	N/A
Sample Matrix:	Soil	Date Extracted:	03-28-95
Preservative:	Cool	Date Analyzed:	03-31-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Sample Result (mg/L)	Spike Added (mg/L)	Spiked Sample Result (mg/L)	Percent Recovery (%)	% Rec. Accept. Range
o-Cresol	ND	0.100	0.096	96	75-125
p,m-Cresol	ND	0.200	0.194	97	75-125
2,4,6-Trichlorophenol	ND	0.100	0.086	86	53-119*
2,4,5-Trichlorophenol	ND	0.100	0.088	88	75-125
Pentachlorophenol	0.063	0.100	0.127	78	36-134*

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

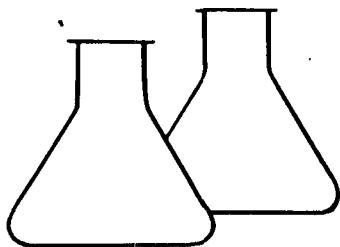
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8248, 8256, 8296.
* SW-846 acceptable recovery range

Nathan Spence
Analyst

Steve W. Sandler
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EPA METHODS 8010/8020 AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	Envirotech	Project #:	91005
Sample ID:	5 Point Composite	Date Reported:	04-11-95
Laboratory Number:	8256	Date Sampled:	03-23-95
Chain of Custody:	4129	Date Received:	03-23-95
Sample Matrix:	Soil	Date Extracted:	03-23-95
Preservative:	Cool	Date Analyzed:	03-28-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
1,1-Dichloroethene	ND	0.007	0.7
2-Butanone	ND	0.005	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.006	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:

Parameter	Percent Recovery
Trifluorotoluene	103 %
Bromofluorobenzene	99 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

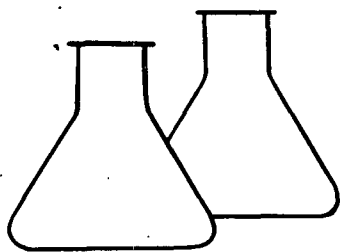
Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

ND = Parameter not detected at the stated detection limit.

Comments: Composite waste from both Envirotech yards.
Farmington, NM.

Nathan Spence
Analyst

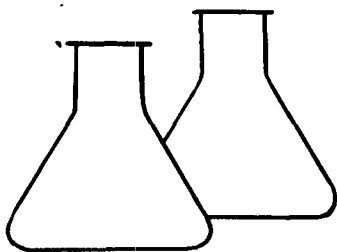
Steve W. Spiller
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AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	04-11-95
Laboratory Number:	0328TVLB	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-28-95
Condition:	N/A	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
2-Butanone	ND	0.005	200
1,1-Dichloroethene	ND	0.007	0.7
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.006	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	101 %
	Bromofluorobenzene	104 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.

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

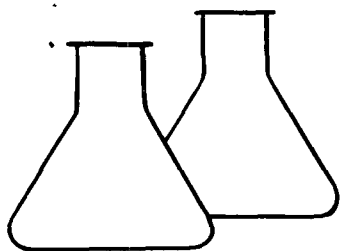
Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992.

ND = Parameter not detected at the stated detection limit.
N/A = Not Applicable.

Comments: QA/QC for samples 8248, 8256, 8296

Nathan Spence
Analyst

Stacy W. Bender
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AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Blank	Date Reported:	04-11-95
Laboratory Number:	0328TVMB	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-03-95
Condition:	N/A	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
2-Butanone	ND	0.007	200
1,1-Dichloroethene	ND	0.005	0.7
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.006	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	95 %
	Bromofluorobenzene	92 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992

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

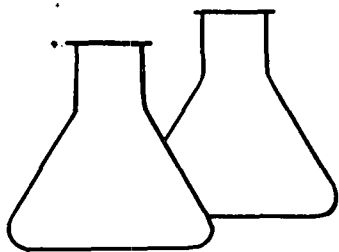
Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992.

ND = Parameter not detected at the stated detection limit.
N/A = Not Applicable.

Comments: QA/QC for samples 8248, 8256, 8296

Nathan Spencer
Analyst

Ray W. Senter
Review



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**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE**
EPA METHOD 8010/8020 AROMATIC VOLATILE/HALOGENATED VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	Duplicate Sample	Date Reported:	04-11-95
Laboratory Number:	8248	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	03-28-95
Condition:	N/A		

Parameter	Sample Result (mg/L)	Duplicate Sample Result (mg/L)	Detection Limits (mg/L)	Percent Difference
Vinyl Chloride	ND	ND	0.005	0.0
1,1-Dichloroethene	ND	ND	0.007	0.0
2-Butanone	ND	ND	0.005	0.0
Chloroform	ND	ND	0.005	0.0
Carbon Tetrachloride	ND	ND	0.005	0.0
Benzene	ND	ND	0.005	0.0
1,2-Dichloroethane	ND	ND	0.005	0.0
Trichloroethene	ND	ND	0.005	0.0
Tetrachloroethene	ND	ND	0.006	0.0
Chlorobenzene	0.039	0.039	0.005	0.1
1,4-Dichlorobenzene	ND	ND	0.005	0.0

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.

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

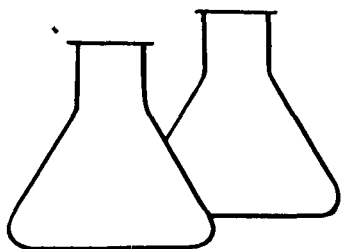
ND = Parameter not detected at the stated detection limit.

N/A = Not Applicable.

Comments: QA/QC for samples 8248, 8256, 8296.

Nathan Spencer
Analyst

Stacy W. Jenkins
Review



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EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	Envirotech	Project #:	91005
Sample ID:	5 Point Composite	Date Reported:	04-11-95
Laboratory Number:	8256	Date Sampled:	03-23-95
Chain of Custody:	4129	Date Received:	03-23-95
Sample Matrix:	Soil	Date Extracted:	03-23-95
Preservative:	Cool	Date Analyzed:	04-06-95
Condition:	Cool and Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	96 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986.

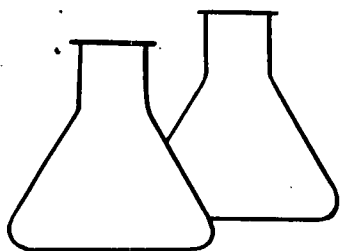
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND - Parameter not detected at the stated detection limit.

Comments: Composite waste from both Envirotech yards.
Farmington, NM.

Nathana Spence
Analyst

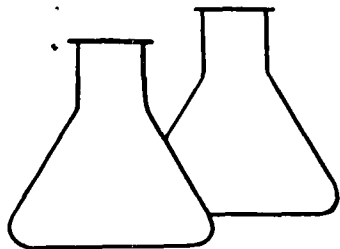
Stacy W. Jorde
Review



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EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	N/A	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	04-11-95
Laboratory Number:	0406BNLB	Date Sampled:	N/A
Sample Matrix:	Hexane	Date Received:	N/A
Preservative:	N/A	Date Extracted:	N/A
Condition:	N/A	Date Analyzed:	04-06-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	93 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

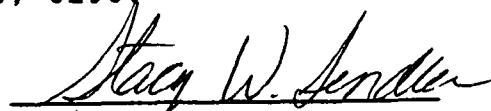
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986.

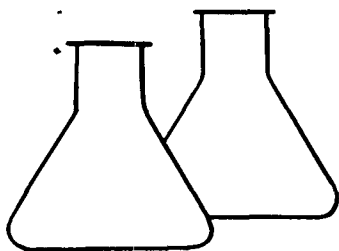
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND = Parameter not detected at the stated detection limit.
N/A = Not Applicable.

Comments: QA/QC for samples 8248, 8256, 8296.


Analyst


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EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	N/A	Project #:	N/A
Sample ID:	Matrix Blank	Date Reported:	04-11-95
Laboratory Number:	0323BNMB	Date Sampled:	N/A
Sample Matrix:	Hexane	Date Received:	N/A
Preservative:	N/A	Date Extracted:	N/A
Condition:	N/A	Date Analyzed:	04-06-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	111 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

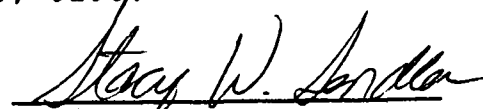
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986.

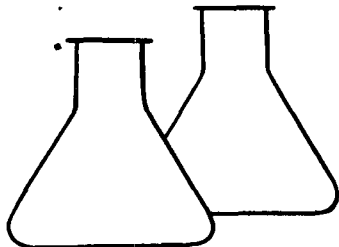
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND = Parameter not detected at the stated detection limit.
N/A = Not Applicable.

Comments: QA/QC for samples 8248, 8256, 8296.


Analyst


Review



ENV RO' TECH LABS

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

**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE**
EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	QA/QC	Project #:	N/A
Sample ID:	Duplicate Sample	Date Reported:	04-11-95
Laboratory Number:	8248	Date Sampled:	03-15-95
Sample Matrix:	Soil	Date Received:	03-15-95
Preservative:	Cool	Date Extracted:	03-23-95
Condition:	Cool & intact	Date Analyzed:	04-06-95
		Analysis Requested:	TCLP

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference
Pyridine	ND	ND	0.0
Hexachloroethane	ND	ND	0.0
Nitrobenzene	0.043	0.045	4.5
Hexachlorobutadiene	ND	ND	0.0
2,4-Dinitrotoluene	0.036	0.037	2.7
Hexachlorobenzene	ND	ND	0.0

QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

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: QA/QC for samples 8248, 8256, 8296.


Analyst


Review

3/95
Envirote

Name

CHAIN OF CUSTODY RECORD

Project Location FARMINGTON, NM

Both Yards - Com ite w te

Chain of Custody Tape No.

ANALYSIS/PARAMETERS

Remarks

Sampler: (Signature)

Nathan Spence

Sample No./
IdentificationSample
DateSample
Time

Lab Number

Sample
MatrixNo. of
Containers

TCU 4/18/93/551

5-Point Com 251

3

0930

2.

SOIL

1

Stock Pile -
Composite on

by: (Signature)

c

Date

Time

Received by: (Signature)

23/95 0950

Nathan

Received by: (Signature)

Date

Time

3/23/95 0950

Relinquished by: (Signature)

Relinquished by: (Signature)

Received by: (Signature)

ENVIROTECH INC.

5796 U.S. Highway 64-3014

Farmington, New Mexico 87401

(505) 632-0615

91005
Envirotech Yard Cleanup TCLP

Sample ID 8256

Sampled 3/23/95

Analyzed ~~4/14/95~~

RCI OK.

OK
led
fms 5/16/95

Maximum Contaminant Concentrations For Toxicity Characteristic Wastes

Waste Stream Constituent	Concentration (milligrams/liter, mg/l)	EPA HW No.	Waste Stream Constituent	Concentration (milligrams/liter, mg/l)	EPA HW No.
✓ Arsenic	5.0	D004	✓ Hexachlorobenzene	0.13	D032
✓ Barium	100.0	D005	✓ Hexachlorobutadiene	0.5	D033
✓ Benzene	0.5	D018	✓ Hexachloroethane	3.0	D034
✓ Cadmium	1.0	D006	✓ Lead	5.0	D008
✓ Carbon Tetrachloride	0.5	D019	✓ Lindane	0.4	D013
✓ Chlordane	0.03	D020	✓ Mercury	0.2	D009
✓ Chlorobenzene	100.0	D021	✓ Methoxychlor	10.0	D014
✓ Chloroform	6.0	D022	✓ Methyl ethyl ketone	200.0	D035
✓ Chromium	5.0	D007	✓ Nitrobenzene	2.0	D036
✓ Cresol	200.0	D026	✓ Pentachlorophenol	100.0	D037
✓ m-Cresol	200.0	D024	✓ Pyridine	5.0	D038
✓ o-Cresol	200.0	D023	✓ Selenium	1.0	D010
✓ p-Cresol	200.0	D025	✓ Silver	5.0	D011
✓ 2,4-D	10.0	D016	✓ 2,4,5-TP (Silvex)	1.0	D017
✓ 1,4-Dichlorobenzene	7.5	D027	✓ Tetrachloroethylene	0.7	D039
✓ 1,2-Dichloroethane	0.5	D028	✓ Toxaphene	0.5	D015
✓ 1,1-Dichloroethylene	0.7	D029	✓ Trichloroethylene	0.5	D040
✓ 2,4-Dinitrotoluene	0.13	D030	✓ 2,4,5-Trichlorophenol	400.0	D041
✓ Endrin	0.02	D012	✓ 2,4,6-Trichlorophenol	2.0	D042
✓ Heptachlor	0.008	D031	✓ Vinyl chloride	0.2	D043

*=EP Toxic wastes; TCLP must now be utilized for characterizing these wastes

04047 RECEIVED



El Paso

Natural Gas Company

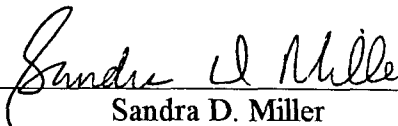
Compliance-Engineering Memorandum

Date: May 8, 1995
To: Envirotech Inc.
From: Sandra D. Miller

Certificate of Waste Status Report:

Due to the lack of field pit closures a Certificate of Waste Status will not be filed for the April, 1995.

If there should be any questions regarding this matter I can be reached at 599-2223.


Sandra D. Miller

bbm

cc:
File

RECEIVED
MAY 12 1995
OIL CON. DIV.
DIST. 3

92197

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter ENVIROTECH	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator MERIDIAN	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site VAL VERDE Plant	
7. Originating Location of Material (Street Address or ULSTR) A-14 T29K - R11W - N4PM	8. State New Mexico	

9. Check One
- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
 - ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
 - ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.
- All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Date(s) for Transportation:
BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of Activated CHARCOAL Filter Media for
Ammonia Filtration

Rec 7Cy Box 5829
LF# 2 D-19
5/14/95
RMV

RECEIVED
MAY 22 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 7 cy yd³ Known Volume (to be entered by the operator at the end of the haul): 7 yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 5-3-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)
APPROVED BY Denny G. Fout TITLE Geologist DATE 5/23/95

APPROVED BY Ernie Busch TITLE " DATE 21

CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

92197

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS
OILFIELD EXEMPT WASTE

Originating Location: Val Verde Plant
Source: WDEA Filtration for CO₂ gas removal
Disposal Location: Envirotech Soil Remediation Facility (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for _____
concur with the status of the waste from the subject site.

Name Craig A. Buck
Title/Agency Environmental
Rep.
Address 4329 Farmington,

Signature C. A. Buck
Date 5/1/91

92197

Exempt Waste Manifest Meridian Oil Inc.

PO Box 4289, Farmington, NM 87499

Safety and
Environmental

1. Waste Location: Lease/Well No. Val verde Plant
2. Volume: 7 Cubic Yards Barrels Gallons
3. Description of Waste: Activated Charcoal Filter medium
4. Method of Waste Generation: MDA filtration for CO₂ Removal
5. Disposal Facility: Envirotech
6. Disposal Cost: \$16/yd.
7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal

(signature)

Date 5/2/95MOI
RepresentativeTransportation Company: EnvirotechDate(s) Transported: 5-4-95

MOI Representative on Site

(signature)

Date 5-4-95Disposal Facility
Complete and
return to
Meridian
Safety and
Environmental
with Invoice.Date(s) Received: 5-4-95Total Volume Received: 7 cu ydsWaste Location: Cell/Grid No. D19Received By:

(signature)

92197

EC

1. RCRA Exempt: ☒ Non-Exempt: ☐
 Verbal Approval Received: Yes ☒ No ☐

For Enviro-Bush
4/28/95

4. Name of Transporter

Envirotech

2. Destination

Land Farm # 2 Envirotech Soil Remediation Facility

5. Generator

Meridian

3. Address of Facility Operator

5796 US Hwy. 64-3014 Farmington, NM 87401

6. Name of Originating Site

Val Verde Plant

7. Originating Location of Material (Street Address or ULSTR)

-14 T29N R11W N14PM

8. State

NM CO

9. Check One

- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport

2

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of Activated Charcoal Filter Media From Amine Filtration.

RECEIVED
MAY 22 1995

OIL CON. DIV.
DIST. 3

Received 7cy B0L5825
4/28/95. Placed into LF#2
D-19

Estimated Volume 7cy yd³ Known Volume (to be entered by the operator at the end of the haul): 7cy yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 4/28/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Dennis G. Jant TITLE Geologist DATE 5/22/95

APPROVED BY Enrico Bush TITLE 21 DATE 27

CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

92197

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: Meridian Val Verde Plant
Source: Charcoal Filtration From Amine Filtration
Disposal Location: Envirotech Soil Remediation Facility (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Meridian
concur with the status of the waste from the subject site.

Name Craig A. Bock
Title/Agency Environmental
Rep.
Address 204289, Farmington, NM
87409-4289
Signature C. A. Bock
Date 4/27/95

Exempt Waste Manifest
Meridian Oil Inc.

PO Box 4289, Farmington, NM 87409

92197

Safety and
Environmental

1. Waste Location: Lease/Well No. Val Verde Plant
2. Volume: 7 Cubic Yards Barrels Gallons
3. Description of Waste: Activated Charcoal Filter
4. Method of Waste Generation: Filtering of MDEA used in CO₂ stripping from the field gas stream
5. Disposal Facility: Envirotech
6. Disposal Cost: \$16 / yd³
7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal

(signature)

Date 4/27/95

MOI
Representative

Transportation Company: Envirotech

Date(s) Transported: 4/28/95

MOI Representative on Site

(signature)

Date

Disposal Facility

Complete and

return to

Meridian

Safety and

Environmental

with invoice.

Date(s) Received: 4/28/95

Total Volume Received: 7 yd³

Waste Location : Cell/Grid No. Landfarm #2 D-19

Received By: Niel Winterton

(signature)

Revised January 16, 1994

95026

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ OIL CONSERVATION DIVISION Verbal Approval Received: Yes ☐ No ☒ RECEIVED (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter <u>Envirotech</u>	
2. Destination <u>Land Farm # 2 Envirotech Soil Remediation Facility</u>	5. Generator <u>BT Services (Formerly Western Co. North America)</u>	
3. Address of Facility Operator <u>5796 US Hwy. 64-3014 Farmington, NM 87401</u>	6. Name of Originating Site <u>BT Services Yard</u>	
7. Originating Location of Material (Street Address or ULSTR) <u>3250 South Side River Road, Farmington, NM 87401</u>	8. State <u>New Mexico</u>	

9. Check One

☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator's certificate per job.

☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.

☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Date(s) for Transportation: 6/95

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of Floor Sweep.
- BT Services bought Western Co.

RECEIVED
JUN 20 1995
OIL CON. DIV.
DIST. 3

RECEIVED
JUN - 9 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 6 drums yd³ Known Volume (to be entered by the operator at the end of the haul): _____

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 6/2/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Fount TITLE Geologist DATE 6/12/95

APPROVED BY C. G. Fount TITLE Geologist DATE 6-19-95

CONDITIONS OF APPROVAL, IF ANY:
SF/ 6/12/95

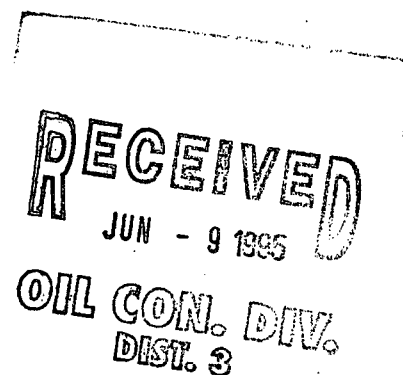
95026

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter <i>Envirotech</i>	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator <i>BT Services</i> (Formerly Western Co. of North America & 2101)	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site <i>BT Services Yard</i>	
7. Originating Location of Material (Street Address or ULSTR) <i>3250 South Side River Road, Farmington, NM 87401</i>	8. State <i>New Mexico</i>	
9. Check One ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for Transportation: <i>6/95</i>		

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of Floor Sweep.

- BT Services bought Western Co.



Estimated Volume 6 drums yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³
 I hereby certify that the information above is true and complete to the best of my knowledge and belief.
 SIGNATURE *Robert Young* TITLE Land Farm Supervisor DATE 6/12/95
 TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY *Denny G. Faint* TITLE Geologist DATE 6/12/95
 APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Santa F 6/12/95

ENVIROTECH INC.

a 5026
UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

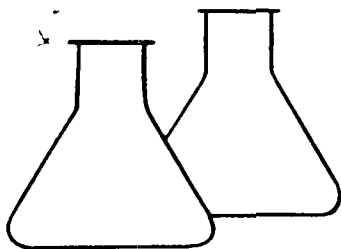
CERTIFICATE OF WASTE STATUS
OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: B J Services, 3250 Southside River Road
Farmington, New Mex.
Source: Floor Sump
Disposal Location: Envirotech Soil Remediation Facility, (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for B J Services
concur with the status of the waste from the subject site.

Name Lis Baugh
Title/Agency Facilities Supervisor
Address 3250 Southside River Road
Farmington, New Mexico 87401
Signature Lis Baugh
Date 5/31/95



ENVIROTECH LABS

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

95026

May 24, 1995

Mr. Les Baugh
Western Company
3250 Southside River Road
Farmington, New Mexico 87401

Dear Mr. Baugh,

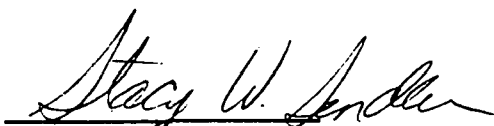
Enclosed are the analytical results for the stockpile soil collected from 3250 Southside River Road in Farmington, New Mexico on 05/17/95. One 5-point composite sample was collected by Envirotech personnel and delivered to the Envirotech laboratory for Hazardous Waste Characterization analysis. The sample was documented on Envirotech Chain of Custody No. 4221, and assigned Laboratory No. 8517 for tracking purposes.

Results of the analysis indicate that this material is not a characteristic hazardous waste as defined by 40 CFR, Section 261, Subpart C. This material is therefore acceptable for disposal at the Envirotech Soil Remediation Facility (ESRF), Landfarm #2 located at Hilltop, New Mexico. A Certificate of Waste Status is enclosed and must be completed and received by Envirotech prior to transportation of the stockpile soil to the ESRF. A fax copy is acceptable ((505) 632-1865). Documentation will then be submitted to the New Mexico Oil Conservation Division (NMOCD) for approval. Receipt of NMOCD approval can be expected in approximately two weeks, after which the material can be transported to the ESRF.

Results of this TCLP analysis are valid for one year from the date the sample was collected, and will expire on May 17, 1996.

Should you have any questions or require additional information, please do not hesitate to contact us at (505) 632-0615. It has been our pleasure doing business with you, and we hope you will consider Envirotech, Inc. for any of your future environmental contracting needs.

Respectively submitted,
Envirotech, Inc.


Stacy W. Sandler
Environmental Scientist

enc.
SWS/sws

92101.lb1/TCLP.ltr

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

95020

SUSPECTED HAZARDOUS & SOLID WASTE ANALYSIS

Client:	Western Co.	Project #:	92101
Sample ID:	5 Point Composite	Date Reported:	05-23-95
Lab ID#:	8517	Date Sampled:	05-17-95
Sample Matrix:	Kitty Litter	Date Received:	05-17-95
Preservative:	Cool	Date Analyzed:	05-23-95
Condition:	Cool & Intact	Chain of Custody:	4221

IGNITABILITY: Did not ignite upon direct contact with flame.

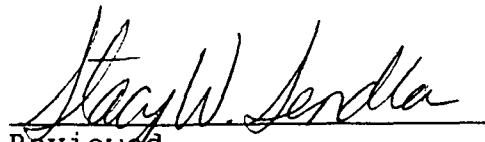
CORROSIVITY: pH of 6.69

REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: $\leq$ pH 2 or $\geq$ pH 12.5 is hazardous waste.
3250 Southside River Rd., Farmington, NM.


Analyst


Reviewed

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

95024

EPA METHODS 8010/8020
AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	Western Co.	Project #:	92101
Sample ID:	5 pt. Composite	Date Reported:	05-19-95
Laboratory Number:	8517	Date Sampled:	05-17-95
Chain of Custody:	4221	Date Received:	05-17-95
Sample Matrix:	Kitty Litter	Date Extracted:	05-17-95
Preservative:	Cool	Date Analyzed:	05-18-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.006	0.2
1,1-Dichloroethene	ND	0.005	0.7
2-Butanone (MEK)	ND	0.006	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethane	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.005	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	95 %
	Bromofluorobenzene	95 %

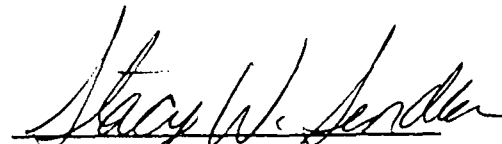
Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.
Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992.

ND = Parameter not detected at the stated detection limit.

Comments: 3250 Southside River Rd., Farmington, NM.


Analyst


Review

QUALITY ASSURANCE / QUALITY CONTROL
DOCUMENTATION

Q5020

AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	05-19-95
Laboratory Number:	05-18-TCV.BLK	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-18-95
Condition:	N/A	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.006	0.2
1,1-Dichloroethene	ND	0.005	0.7
2-Butanone (MEK)	ND	0.006	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethane	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.005	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	94 %
	Bromofluorobenzene	96 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992

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

Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992.

ND = Parameter not detected at the stated detection limit.

N/A = Not Applicable.

Comments: QA/QC for sample 8517.

Kevin L. O'Brien
Analyst

Stacy W. Sander
Review

EPA METHODS 8010/8020
AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	05-19-95
Laboratory Number:	05-17-TCV.MB	Date Sampled:	N/A
Chain of Custody:	N/A	Date Received:	N/A
Sample Matrix:	Soil	Date Extracted:	05-17-95
Preservative:	N/A	Date Analyzed:	05-18-95
Condition:	N/A	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.006	0.2
1,1-Dichloroethene	ND	0.005	0.7
2-Butanone (MEK)	ND	0.006	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethane	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.005	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	98 %
	Bromofluorobenzene	94 %

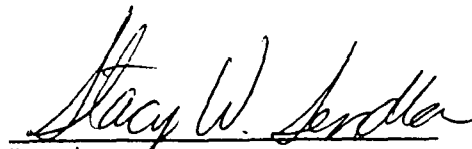
Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

ND = Parameter not detected at the stated detection limit.

Comments: QA/QC for sample 8517.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Q5026

** QUALITY ASSURANCE REPORT MATRIX DUPLICATE
EPA METHOD 8010/8020 AROMATIC VOLATILE/HALOGENATED VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	05-19-95
Laboratory Number:	8517	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	05-18-95
Condition:	N/A		

Parameter	Sample Result (mg/L)	Duplicate Sample Result (mg/L)	Detection Limits (mg/L)	Percent Difference
Vinyl Chloride	ND	ND	0.006	0.0%
1,1-Dichloroethene	ND	ND	0.005	0.0%
2-Butanone (MEK)	ND	ND	0.006	0.0%
Chloroform	ND	ND	0.005	0.0%
Carbon Tetrachloride	ND	ND	0.005	0.0%
Benzene	ND	ND	0.005	0.0%
1,2-Dichloroethane	ND	ND	0.005	0.0%
Trichloroethene	ND	ND	0.005	0.0%
Tetrachloroethene	ND	ND	0.005	0.0%
Chlorobenzene	ND	ND	0.005	0.0%
1,4-Dichlorobenzene	ND	ND	0.005	0.0%

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.

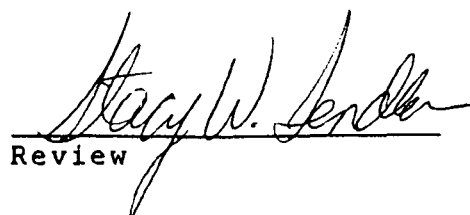
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND = Parameter not detected at the stated detection limit.

N/A = Not Applicable.

Comments: QA/QC for sample 8517.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

95026

** QUALITY ASSURANCE

EPA METHODS 8010/8020

MATRIX SPIKE - AROMATIC / HALOGENATED VOLATILE ORGANICS

Client: QA/QC
Sample ID: Matrix Spike
Laboratory Number: 8517
Sample Matrix: Soil
Analysis Requested: TCLP
Condition: N/A

Project #: N/A
Date Reported: 05-19-95
Date Sampled: N/A
Date Received: N/A
Date Analyzed: 05-18-95

Parameter	Sample Result (mg/L)	Spike Added (mg/L)	Spiked Sample Result (mg/L)	Det. Limit (mg/L)	Percent Recovery	SW-846 % Rec. Accept. Range
Vinyl Chloride	ND	0.020	0.022	0.006	98	28-163
1,1-Dichloroethene	ND	0.020	0.020	0.005	99	43-143
2-Butanone (MEK)	ND	0.020	0.024	0.006	93	47-132
Chloroform	ND	0.020	0.020	0.005	99	49-133
Carbon Tetrachloride	ND	0.020	0.019	0.005	97	43-143
Benzene	ND	0.020	0.021	0.005	99	39-150
1,2-Dichloroethane	ND	0.020	0.019	0.005	97	51-147
Trichloroethene	ND	0.020	0.020	0.005	98	35-146
Tetrachloroethene	ND	0.020	0.023	0.005	95	26-162
Chlorobenzene	ND	0.020	0.019	0.005	94	38-150
1,4-Dichlorobenzene	ND	0.020	0.020	0.005	98	42-143

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

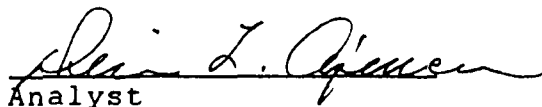
Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.

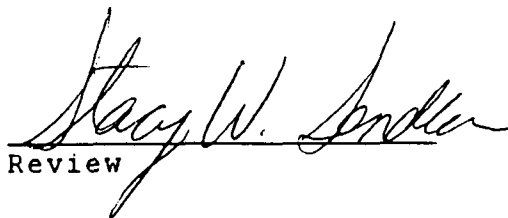
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND = Parameter not detected at the stated detection limit.

N/A = Not Applicable.

Comments: QA/QC for sample 8517.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

95026

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	Western Co.	Project #:	92101
Sample ID:	5 Point Composite	Date Reported:	05-22-95
Laboratory Number:	8517	Date Sampled:	05-17-95
Chain of Custody:	4221	Date Received:	05-17-95
Sample Matrix:	Kitty Litter	Date Extracted:	05-17-95
Preservative:	Cool	Date Analyzed:	05-19-95
Condition:	Cool and Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	0.062	0.020	5.0
Hexachloroethane	0.058	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	0.048	0.020	0.13
HexachloroBenzene	ND	0.021	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	117 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

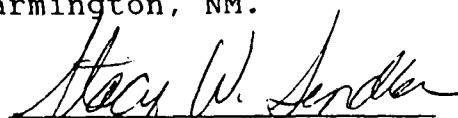
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986.

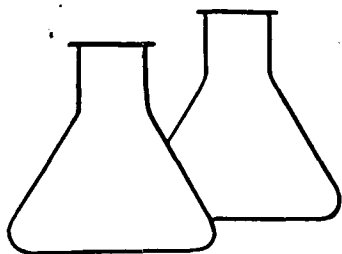
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND - Parameter not detected at the stated detection limit.

Comments: 3250 Southside River Rd., Farmington, NM.


Analyst


Review



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Q5026

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Q5024

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	05-22-95
Laboratory Number:	0519BNLB	Date Sampled:	N/A
Sample Matrix:	Hexane	Date Received:	N/A
Preservative:	N/A	Date Extracted:	N/A
Condition:	N/A	Date Analyzed:	05-19-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.021	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	118 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

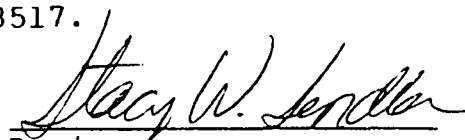
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND = Parameter not detected at the stated detection limit.
N/A = Not Applicable.

Comments: QA/QC for samples 8493 and 8517.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

95026

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Blank	Date Reported:	05-22-95
Laboratory Number:	0516BNMB	Date Sampled:	N/A
Chain of Custody:	N/A	Date Received:	N/A
Sample Matrix:	Soil	Date Extracted:	05-16-95
Preservative:	Cool	Date Analyzed:	05-19-95
Condition:	Cool and Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.021	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	101 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

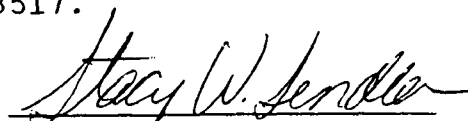
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8493 and 8517.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

45026

**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE**
EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	05-22-95
Laboratory Number:	8493	Date Sampled:	05-15-95
Sample Matrix:	Soil	Date Received:	05-15-95
Preservative:	Cool	Date Extracted:	05-16-95
Condition:	Cool & intact	Date Analyzed:	05-19-95
		Analysis Requested:	TCLP

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference
Pyridine	0.023	0.022	4.4
Hexachloroethane	ND	ND	0.0
Nitrobenzene	ND	ND	0.0
Hexachlorobutadiene	ND	ND	0.0
2,4-Dinitrotoluene	ND	ND	0.0
Hexachlorobenzene	ND	ND	0.0

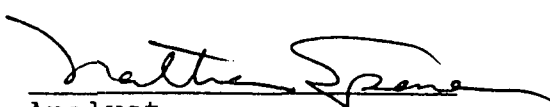
QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

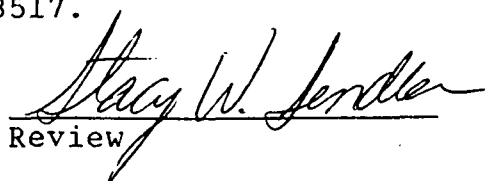
Method: Method 5030, Purge-and-Trap, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

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: QA/QC for samples 8493 and 8517.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

45026

EPA METHOD 8040 PHENOLS

Client:	Western Co.	Project #:	92101
Sample ID:	5 Point Composite	Date Reported:	05-22-95
Laboratory Number:	8517	Date Sampled:	05-17-95
Chain of Custody:	4221	Date Received:	05-17-95
Sample Matrix:	Kitty Litter	Date Extracted:	05-17-95
Preservative:	Cool	Date Analyzed:	05-22-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	0.024	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	0.137	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-Fluorophenol	112 %
	2,4,6-Tribromophenol	95 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

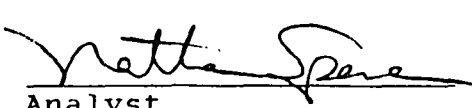
Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

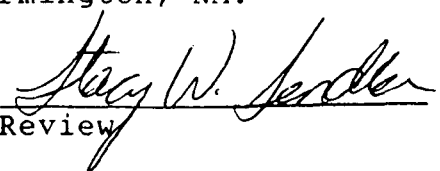
Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

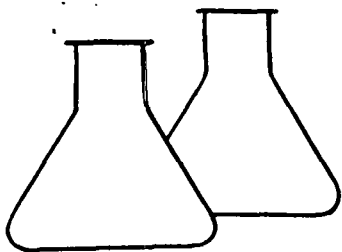
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND - Parameter not detected at the stated detection limit.

Comments: 3250 Southside River Rd., Farmington, NM.


Analyst


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QSO24

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

95026

EPA METHOD 8040 PHENOLS

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	05-22-95
Laboratory Number:	0522TALB	Date Sampled:	N/A
Sample Matrix:	2-Propanol	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-22-95
Condition:	N/A	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	102 %
	2,4,6-tribromophenol	101 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8493 and 8517.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Q5026

EPA METHOD 8040 PHENOLS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Blank	Date Reported:	05-22-95
Laboratory Number:	0516TAMB	Date Sampled:	N/A
Chain of Custody:	N/A	Date Received:	N/A
Sample Matrix:	Soil	Date Extracted:	05-16-95
Preservative:	Cool	Date Analyzed:	05-22-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-Fluorophenol	111 %
	2,4,6-Tribromophenol	108 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

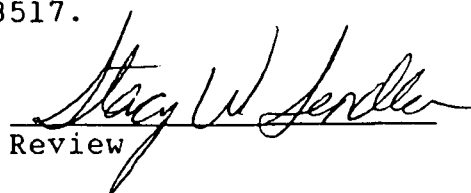
Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8493 and 8517.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

95026

**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE**
EPA METHOD 8040 PHENOLS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	05-22-95
Laboratory Number:	8493	Date Sampled:	05-15-95
Sample Matrix:	Soil	Date Received:	05-15-95
Preservative:	Cool	Date Extracted:	05-16-95
Condition:	Cool & intact	Date Analyzed:	05-22-95
		Analysis Requested:	TCLP

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Percent Difference
o-Cresol	ND	ND	0.0
p,m-Cresol	ND	ND	0.0
2,4,6-Trichlorophenol	ND	ND	0.0
2,4,5-Trichlorophenol	ND	ND	0.0
Pentachlorophenol	ND	ND	0.0

QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

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: QA/QC for samples 8493 and 8517.


Analyst


Reviewer

95026

EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS

Client:	Western Co.	Project #:	92101
Sample ID:	5 Point Composite	Date Reported:	05-23-95
Laboratory Number:	8517	Date Sampled:	05-17-95
Chain of Custody:	4221	Date Received:	05-17-95
Sample Matrix:	Kitty Litter	Date Analyzed:	05-22-95
Preservative:	Cool	Date Extracted:	05-17-95
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
ARSENIC	0.168	0.001	5.00
BARIUM	ND	0.01	100
CADMIUM	ND	0.001	1.00
CHROMIUM	0.003	0.001	5.00
LEAD	0.020	0.001	5.00
MERCURY	ND	0.002	0.200
SELENIUM	ND	0.001	1.00
SILVER	ND	0.001	5.00

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

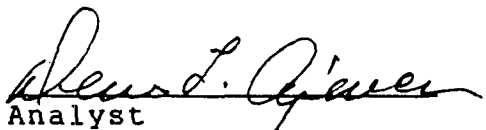
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND = Parameter not detected at the stated detection limit.

Comments: 3250 Southside River Rd., Farmington, NM.


Analyst


Review

**QUALITY ASSURANCE / QUALITY CONTROL
DOCUMENTATION**

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

45026

EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS - BLANKS

Client:	QA/QC	Project #:	N/A
Sample ID:	Blanks	Date Reported:	05-23-95
Laboratory Number:	N/A	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	05-22-95
Condition:	N/A	Date Extracted:	N/A

Parameter	Instrument Blank (mg/L)	Extraction Sol. Blank (mg/L)	Det. Limit (mg/L)
ARSENIC	ND	ND	0.001
BARIUM	ND	ND	0.01
CADMIUM	ND	ND	0.001
CHROMIUM	ND	ND	0.001
LEAD	ND	ND	0.001
MERCURY	ND	ND	0.002
SELENIUM	ND	ND	0.001
SILVER	ND	ND	0.001

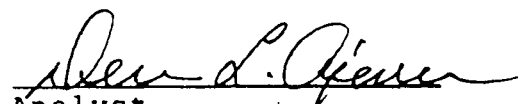
Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

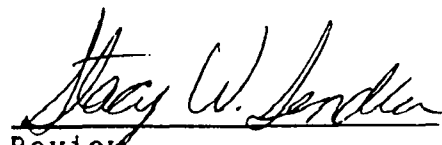
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND = Parameter not detected at the stated detection limit.
N/A = Not Applicable.

Comments: QA/QC for samples 8493, 8500, 8517, 8529.


Analyst


Review

Q5026

QUALITY ASSURANCE REPORT
EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS - DUPLICATE

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	05-23-95
Laboratory Number:	8493	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	Trace Metals	Date Analyzed:	05-22-95
Condition:	N/A	Date Extracted:	05-16-95

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference
ARSENIC	0.005	0.005	0.0
BARIUM	0.080	0.080	0.0
CADMIUM	0.002	0.002	0.0
CHROMIUM	ND	ND	0.0
LEAD	0.070	0.068	2.9
MERCURY	ND	ND	0.0
SELENIUM	ND	ND	0.0
SILVER	ND	ND	0.0

QA ACCEPTANCE CRITERIA:	Parameter	Maximum Difference
	Trace Metals	30 %

Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

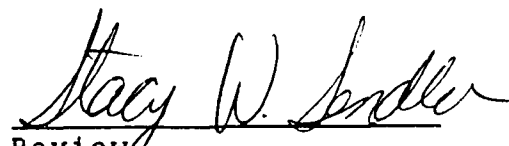
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Method 1311, Toxicity Characteristic Leaching Procedure SW-846, USEPA, July 1992.

ND = Parameter not detected at the stated detection limit.
N/A = Not Applicable.

Comments: QA/QC for samples 8493, 8500, 8517, 8529.


Analyst


Review

95024

QUALITY ASSURANCE REPORT
EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS - MATRIX SPIKE

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Spike	Date Reported:	05-23-95
Laboratory Number:	8493	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	05-22-95
Condition:	N/A	Date Extracted:	05-16-95

Parameter	Spike Added (mg/L)	Sample Result (mg/L)	Spiked Sample Result (mg/L)	Percent Recovery
ARSENIC	0.100	0.005	0.105	100
BARIUM	0.50	0.08	0.57	98
CADMIUM	0.100	0.002	0.102	100
CHROMIUM	0.200	ND	0.197	98
LEAD	0.200	0.070	0.269	99
MERCURY	0.050	ND	0.049	98
SELENIUM	0.100	ND	0.099	99
SILVER	1.00	ND	1.02	102

QA ACCEPTANCE CRITERIA:	Parameter	Acceptance Range %
	TCLP Metals	80 - 120

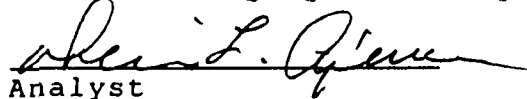
Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

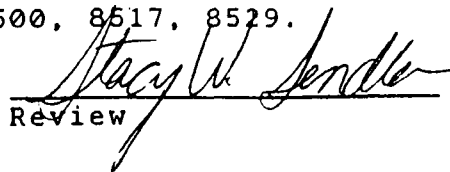
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND = Parameter not detected at the stated detection limit.
N/A = Not Applicable.

Comments: QA/QC for samples 8493, 8500, 8517, 8529.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name

92101

Project Location 3250 Souths R

Farmington, N

ANALYSIS/PARAMETERS

NS 5-19-95

Remarks

(Signature)

Chain of Custody Tape No.

Sample No./
IdentificationSample
DateSample
Time

Lab Number

Sample
MatrixNo. of
Containers

Q

X

1

SPin

5-1

1125

851

Ki litter

" "
 waste.

by: (Signature)

Date

Time

Received by: (Signature)

Date

Time

5-17

1150

atha

5-17-9

1150

by: (Signature)

Received by: (Signature)

by: (Signature)

Received by: (Signature)

ENVIROTECH INC.

5796 U.S. Highway 64-3014
Farmington, New Mexico 87401

(505) 632-0615

BT Services ~~9210~~ 95026
 Western CO 92101
 TCLP # 8517
 Collected 5/17/95

OK Rm

Maximum Contaminant Concentrations For Toxicity Characteristic Wastes

Waste Stream Constituent	Concentration (milligrams/liter, mg/l)	EPA HW No.	Waste Stream Constituent	Concentration (milligrams/liter, mg/l)	EPA HW No.
✓ Arsenic	5.0	D004	✓ Hexachlorobenzene	0.13	D032
✓ Barium	100.0	D005	✓ Hexachlorobutadiene	0.5	D033
✓ Benzene	0.5	D018	✓ Hexachloroethane	3.0	D034
✓ Cadmium	1.0	D006	✓ Lead	5.0	D008
✓ Carbon Tetrachloride	0.5	D019	• Lindane	0.4	D013
Chlordane	0.03	D020	✓ Mercury	0.2	D009
✓ Chlorobenzene	100.0	D021	• Methoxychlor	10.0	D014
✓ Chloroform	6.0	D022	✓ Methyl ethyl ketone	200.0	D035
✓ Chromium	5.0	D007	✓ Nitrobenzene	2.0	D036
✓ Cresol	200.0	D026	✓ Pentachlorophenol	100.0	D037
m-Cresol	200.0	D024	✓ Pyridine	5.0	D038
p-Cresol	200.0	D023	✓ Selenium	1.0	D010
o-Cresol	200.0	D025	✓ Silver	5.0	D011
• 2,4-D	10.0	D016	• 2,4,5-TP (Silvex)	1.0	D017
✓ 1,4-Dichlorobenzene	7.5	D027	✓ Tetrachloroethylene	0.7	D039
✓ 1,2-Dichloroethane	0.5	D028	• Toxaphene	0.5	D015
✓ 1,1-Dichloroethylene	0.7	D029	✓ Trichloroethylene	0.5	D040
✓ 2,4-Dinitrotoluene	0.13	D030	✓ 2,4,5-Trichlorophenol	400.0	D041
• Endrin	0.02	D012	✓ 2,4,6-Trichlorophenol	2.0	D042
Heptachlor	0.008	D031	✓ Vinyl chloride	0.2	D043

*=EP Toxic wastes; TCLP must now be utilized for characterizing these wastes

RCT is ok

Roger Anderson

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	RECEIVED JUN 14 1995	4. Name of Transporter EnviroTECH
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility		5. Generator Harciburton Services
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401		6. Name of Originating Site Harciburton Main Yard
7. Originating Location of Material (Street Address or ULSTR) 4109 E Main, Farmington, NM. 87401		8. State New Mexico

9. Check One

- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Date(s) for Transportation:

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of solids generated from Wash bay operation at Farmington Mainyard (4109 E Main) TCLP Enclosed

RECEIVED
JUN 20 1995
OIL CON. DIV.
DIST. 3

RECEIVED
JUN 13 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 80 cu yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 6-13-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Fount TITLE Geologist DATE 6/13/95

APPROVED BY C. G. Fount TITLE Geologist DATE 6-15-95

SF 6/13

CONDITIONS OF APPROVAL, IF ANY:

1. RCRA Exempt: ☐ Non-Exempt: ☒
Verbal Approval Received: Yes ☐ No ☒

4. Name of Transporter

EnviroTECH

2. Destination

Land Farm # 2 Envirotech Soil Remediation Facility

3. Address of Facility Operator

5796 US Hwy. 64-3014 Farmington, NM 87401

7. Originating Location of Material (Street Address or ULSTR)

4109 E Main Farmington NM.

5. Generator

HARRINGTON SERVICES

6. Name of Originating Site

Harrington Main Yard

8. State

New Mexico

9. Check One

☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.

☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.

☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of solids generated from Wash bay operation at Farmington Mainyard (4109 E Main) TCEP Enclosed

RECEIVED
JUN 13 1995

OIL CON. DIV.
DIST. 3

Estimated Volume 80 cu yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 6-13-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Faint TITLE Geologist DATE 6/13/95

APPROVED BY _____ TITLE _____ DATE _____

Santa Fe 6/13
CONDITIONS OF APPROVAL IF ANY:

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS
OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: HALLIBURTON SERVICES, 4109 E. MAIN, FARMINGTON, N.M.

Source: WASH BAY SOLIDS

Disposal Location: Envirotech Soil Remediation Facility, (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

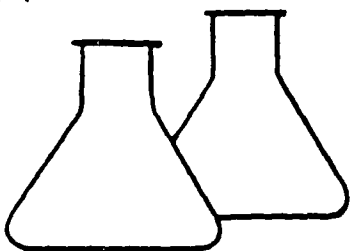
I, the undersigned, as the agent for Halliburton
concur with the status of the waste from the subject site.

Name Ray L. Morris
Title/Agency HR/HSE Coordinator

Address 4109 E. Main
Farmington, N.M. 87401

Signature Ray L. Morris

Date 6-2-95



ENVIROTECH LABS

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

SUSPECTED HAZARDOUS & SOLID WASTE ANALYSIS

Client:	Halliburton	Project #:	92132
Sample ID:	Wash Bay Solids	Date Reported:	11-21-94
Lab ID#:	7986	Date Sampled:	10-18-94
Sample Matrix:	Soil	Date Received:	10-18-94
Preservative:	Cool	Date Analyzed:	10-24-94
Condition:	Cool & Intact		

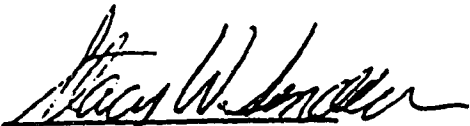
IGNITABILITY: Did not ignite upon direct contact with flame.

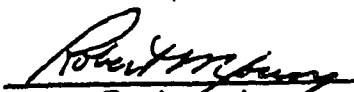
CORROSIVITY: pH of 7.45

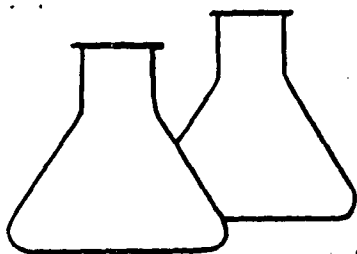
REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: $\leq$ pH 2 or $\geq$ pH 12.5 is hazardous waste
4109 E. Main, Farmington, NM.


Analyst


Reviewed



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 1311

TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	Halliburton	Project #:	92132
Sample ID:	Wash Bay Solids	Date Reported:	11-18-94
Laboratory Number:	7986	Date Sampled:	10-18-94
Sample Matrix:	Soil	Date Received:	10-18-94
Preservative:	Cool	Date Analyzed:	11-18-94
Condition:	Cool & Intact	Date Extracted:	10-24-94
Chain of Custody:	3964	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
ARSENIC	ND	0.01	5.000
BARIUM	ND	0.5	100.0
CADMIUM	0.23	0.04	1.000
CHROMIUM	0.013	0.01	5.000
LEAD	0.019	0.001	5.000
MERCURY	ND	0.002	0.200
SELENIUM	ND	0.01	1.000
SILVER	0.02	0.01	5.00

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

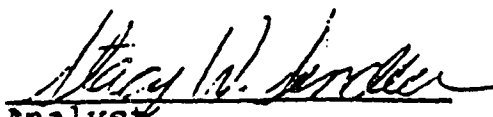
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

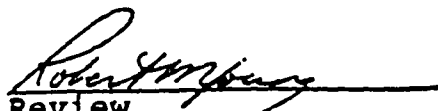
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

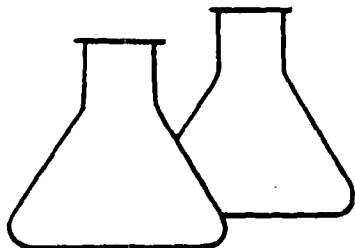
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: 4109 E. Main, Farmington, NM - Composite.


Analyst


Review



ENVIROTECH LABS

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

EPA METHODS 8010/8020 AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	Halliburton	Project #:	92132
Sample ID:	#1 wash bay	Date Reported:	11-21-94
Laboratory Number:	7986TCLP.	Date Sampled:	10-18-94
Sample Matrix:	Soil	Date Received:	10-18-94
Preservative:	Cool	Date Extracted:	10-24-94
Condition:	Cool & Intact	Date Analyzed:	11-08-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
1,1-Dichloroethene	ND	0.018	0.7
2-Butanone	ND	0.013	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.007	0.5
Tetrachloroethene	ND	0.006	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromochloromethane	89 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

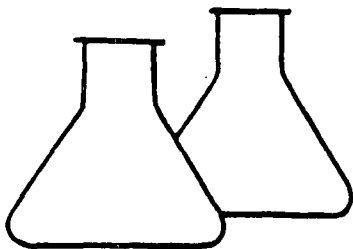
Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Halliburton Services Co. 4109 East Main, Farmington

Rey L. Griffin
Analyst

Henry W. Jordan
Review



ENVIROTECH LABS

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

EPA METHOD 8040 PHENOLS

Client:	Halliburton	Project #:	NA
Sample ID:	#1 wash bay	Date Reported:	11-22-94
Laboratory Number:	7986TCA.	Date Sampled:	NA
Sample Matrix:	Soil	Date Received:	NA
Preservative:	Cool	Date Extracted:	10-24-94
Condition:	Cool & Intact	Date Analyzed:	11-17-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	0.037	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	92 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA.
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

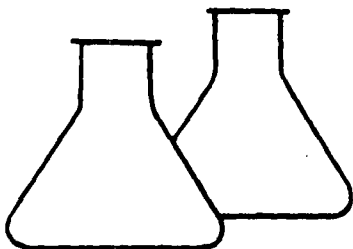
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Halliburton Services Co. #1 wash bay solids comp

Paul D. Griffin
Analyst

Steve W. Jander
Review



ENVIROTECH LABS

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

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	Halliburton	Project #:	92132
Sample ID:	1 wash bay	Date Reported:	11-22-94
Laboratory Number:	7986BNTC.	Date Sampled:	10-18-94
Sample Matrix:	Soil	Date Received:	10-18-94
Preservative:	NA	Date Extracted:	10-24-94
Condition:	NA	Date Analyzed:	11-21-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.024	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	102 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Halliburton Services Co. 4109 east Main, Framington

Dee L. Hoffman
Analyst

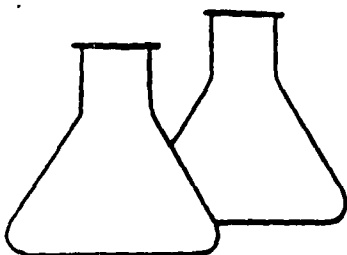
Steve W. Dwyer
Review

ENVIROTECH LABORATORIES

5796 U.S. HIGHWAY 64-3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

QUALITY ASSURANCE/QUALITY CONTROL

DOCUMENTATION



ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

TRACE METAL ANALYSIS - BLANKS

Client:	NA	Project #:	NA
Sample ID:	Blanks 10-24-94	Date Reported:	11-18-94
Laboratory Number:	MB1024	Date Sampled:	NA
Sample Matrix:	Liquid	Date Received:	NA
Preservative:	Cool	Date Analyzed:	11-18-94
Condition:	NA	Analysis Needed:	TCLP Metals
		Date Extracted:	10-24-94

Parameter	Instrument Blank (mg/L)	Method Blank (mg/L)	Det. Limit (mg/L)
ARSENIC	ND	ND	0.01
BARIUM	ND	ND	0.5
CADMIUM	ND	ND	0.04
CHROMIUM	ND	ND	0.01
LEAD	ND	ND	0.001
MERCURY	ND	ND	0.002
SELENIUM	ND	ND	0.01
SILVER	ND	ND	0.01

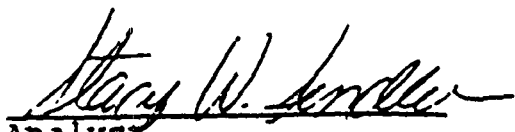
Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, Sept. 1992

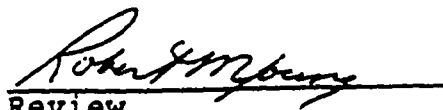
Methods 7060A, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA, 1992

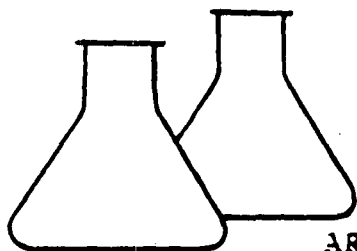
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND - Parameter not detected at the stated detection limit.

Comments: Lab Nos. 7986, 8007, 8009, 8011, 8020, 8038, QCCCK1026.


Analyst


Review



ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	11-21-94
Laboratory Number:	1108TCV.BLK	Date Sampled:	NA
Sample Matrix:	Water	Date Received:	NA
Preservative:	NA	Date Analyzed:	11-08-94
Condition:	NA	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
2-Butanone	ND	0.013	200
1,1-Dichloroethene	ND	0.018	0.7
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.007	0.5
Tetrachloroethene	ND	0.006	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromochloromethane	103 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992

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

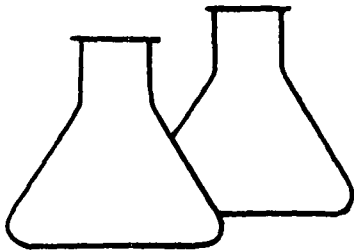
Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 7986, 8007, 8009, 8011, 8020, 8038

Rev. L. Haffin
Analyst

Tracy W. Jurek
Review



ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8040 PHENOLS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	11-21-94
Laboratory Number:	1117TCA.BLK	Date Sampled:	NA
Sample Matrix:	2-Propanol	Date Received:	NA
Preservative:	NA	Date Analyzed:	11-17-94
Condition:	NA	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	99 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

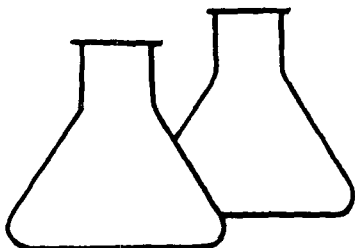
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8011, 8020, 8038, 8099

Dex L. Guff
Analyst

Henry W. Sander
Review



ENVIROTECH LABS

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EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	11-21-94
Laboratory Number:	1121BNTC.BLK	Date Sampled:	NA
Sample Matrix:	Hexane	Date Received:	NA
Preservative:	NA	Date Extracted:	NA
Condition:	NA	Date Analyzed:	11-21-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.024	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	95 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

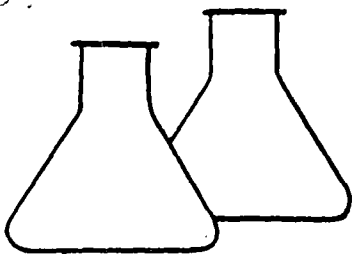
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8011, 8020, 8038, 8099

Ref. L. D. Griffin
Analyst

Steve W. Anderson
Review



ENVIROTECH LABS

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**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE**
EPA METHOD 8010/8020 AROMATIC VOLATILE/HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:
Sample ID:	Duplicate Sample	Date Reported: 11-21-94
Laboratory Number:	7986DUP.	Date Sampled:
Sample Matrix:	Soil	Date Received:
Analysis Requested:	TCLP	Date Analyzed: 11-08-94
Condition:	NA	

Parameter	Sample Result (ug/L)	Duplicate Sample Result (ug/L)	Percent Difference
Vinyl Chloride	ND	ND	0.0
1,1-Dichloroethene	ND	ND	0.0
2-Butanone	ND	ND	0.0
Chloroform	ND	ND	0.0
Carbon Tetrachloride	ND	ND	0.0
Benzene	ND	ND	0.0
1,2-Dichloroethane	ND	ND	0.0
Trichloroethene	ND	ND	0.0
Tetrachloroethene	ND	ND	0.0
Chlorobenzene	ND	ND	0.0
1,4-Dichlorobenzene	ND	ND	0.0

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.

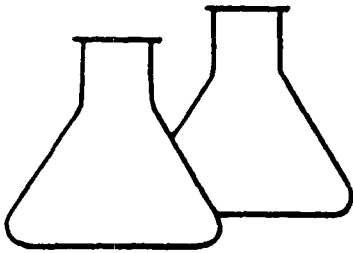
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples: 7986, 8007, 8009, 8011, 8020, 8038

Reza E. Khajepour
Analyst

Tracey W. Aswell
Review



ENVIROTECH LABS

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**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE**
EPA METHOD 8040 PHENOLS

Client: _____ Project #: _____
Sample ID: _____ Date Reported: 11-22-94
Laboratory Number: 7986TCA Date Sampled: _____
Sample Matrix: Soil Date Received: _____
Preservative: Cool Date Analyzed: 11-19-94
Condition: Cool & intact Analysis Requested: TCLP

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Percent Difference
o-Cresol	ND	ND	0.0
cresol	ND	ND	0.0
2,4,6-Trichlorophenol	ND	ND	0.0
2,4,5-Trichlorophenol	ND	ND	0.0
Pentachlorophenol	0.037	0.030	19.0

QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

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

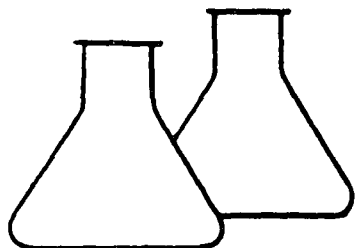
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8020, 8020, 8038, 8099

Ray L. Hoffman
Analyst

Henry W. J. Smith
Review



ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE**
EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:		Project #:	
Sample ID:	Duplicate sample	Date Reported:	11-22-94
Laboratory Number:	8099 BNTC	Date Sampled:	
Sample Matrix:	Soil	Date Received:	
Preservative:	Cool	Date Analyzed:	11-21-94
Condition:	Cool & intact	Analysis Requested:	TCLP

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Percent Difference
Pyridine	ND	ND	0.0
Hexachloroethane	0.064	0.064	0.0
Nitrobenzene	ND	ND	0.0
Hexachlorobutadiene	ND	ND	0.0
2,4-Dinitrotoluene	ND	ND	0.0
Hexachlorobenzene	ND	ND	0.0

QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

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

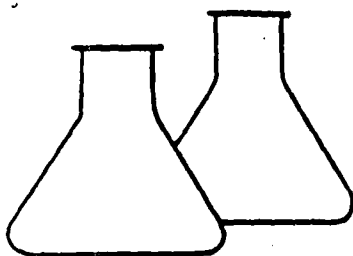
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8020, 8020, 8038, 8099

Raf L. Guffin
Analyst

Mark W. Arnold
Review



ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865
QUALITY ASSURANCE REPORT

TRACE METAL ANALYSIS - MATRIX SPIKE

Client:	NA	Project #:	NA
Sample ID:	7986 SPK	Date Reported:	11-18-94
Laboratory Number:	7986	Date Sampled:	NA
Sample Matrix:	Liquid	Date Received:	NA
Analysis Requested:	Trace Metals	Date Analyzed:	11-18-94
Condition:	NA		

Parameter	Spike Added (mg/L)	Sample Result (mg/L)	Spiked Sample Result (mg/L)	Percent Recovery
ARSENIC	0.1000	ND	0.12	120
BARIUM	10.00	ND	10.1	101
CADMIUM	1.0000	0.23	0.92	69
CHROMIUM	0.1000	0.01	0.13	120
LEAD	0.1000	0.02	0.12	100
MERCURY	0.1000	ND	0.08	80
SELENIUM	0.1000	ND	0.07	70
SILVER	1.000	0.02	0.95	93

QA ACCEPTANCE CRITERIA:	Parameter	Acceptance Range %
	Trace Metals	80 - 120

Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

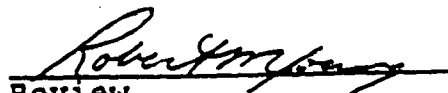
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND - Parameter not detected at the stated detection limit.

Comments: Spike recoveries for Cadmium and Selenium are slightly low.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name 912132 42132 HALLIBURTON SERVICES Co.			Project Location 4109 EAST MAIN FARMINGTON		ANALYSIS/PARAMETERS								
Sampler: (Signature) Marion D. Young			Chain of Custody Tape No.		No. of Containers 1	TCLP ✓	RCRA ✓						Remarks
Sample No / Identification	Sample Date	Sample Time	Lab Number	Sample Matrix									No HERB or PEST Required
#1 WASH BAY	10/10/94	15:30	7986	Soil									
Solids Comp													
Released by: (Signature) Marion D. Young			Date 10/10/94	Time 17:10	Received by: (Signature) Robert M. Young			Date 10/10/94	Time 17:10				
Released by: (Signature)					Received by: (Signature)								
Released by: (Signature)					Received by: (Signature)								

ENVIROTECH INC.
 5796 U.S. Highway 64-3014
 Farmington, New Mexico 87401
 (505) 632-0615

Roger Anderson

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

XXXXXXXXXXXXXXXXXXXXXXXXXX

1. RCRA Exempt: ☐ Non-Exempt: ☒
Verbal Approval Received: Yes ☐ No ☒
(Submitting this form for oilfield exempt waste is optional)

4. Name of Transporter
ENVIROTECH

2. Destination
Land Farm # 2 Envirotech Soil Remediation Facility

5. Generator
Arco Pipeline

3. Address of Facility Operator
5796 US Hwy. 64-3014 Farmington, NM 87401

6. Name of Originating Site
Bisti Station

7. Originating Location of Material (Street Address or ULSTR)
SE 1/4 Sec 17 T26N R12W N4PM
San Juan County.

8. State
New Mexico

9. Check One

- ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Date(s) for Transportation: 5/23/95

BRIEF DESCRIPTION OF THE MATERIAL:

CRUDE oil spill clean up; TRANSPORTATION Pumping Station
Alaska North Slope Coale.

RECEIVED
JUN 20 1995
OIL CON. DIV.
DIST. 3

RECEIVED
JUN 13 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 15 yd³ Known Volume (to be entered by the operator at the end of the haul): yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 6-12-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Fent TITLE Geologist DATE 6/13/95

APPROVED BY C. Quintan TITLE GEOLOGIST DATE 6-19-95

SF 6/13
CONDITIONS OF APPROVAL, IF ANY:

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter ENVIROTECH	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator Arco Pipeline	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site Bisti Station	
7. Originating Location of Material (Street Address or ULSTR) SE 1/4 Sec 17 T26N R12W N4PH San Juan County.	8. State New Mexico	
9. <u>Check One</u> ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport.		
Projected Date(s) for Transportation: 5/23/95		

BRIEF DESCRIPTION OF THE MATERIAL:

CRUDE oil spill cleanup; TRANSPORTATION Pumping Station
Alaska North Slope Coale.

RECEIVED
JUN 13 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 15 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 6-12-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Fendt TITLE Geologist DATE 6/13/95

APPROVED BY _____ TITLE _____ DATE _____

Scmtg Fe 6/13
CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS
OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: Bisti Station
Source: turned into Plover with 2" drain line open.
Disposal Location: Envirotech Soil Remediation Facility, (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for ARCO Pipeline Co.
concur with the status of the waste from the subject site.

Name Kenneth Triplett
Title/Agency _____

Address P.O. Box 1588
Farmington NM. 87429

Signature Kenneth Triplett

Date 5/10/95

ENVIROTECH[®] INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

May 5, 1995

Mr. Ken Triplet
Location Supervisor
ARCO Pipeline Company
1215 South Lake Street
Farmington, New Mexico 87401

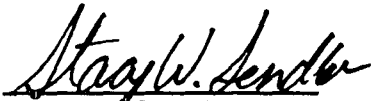
Dear Mr. Triplet,

Enclosed are the analytical results for the sample of stockpile soil collected from the Bisti Pumping Station location on 04/20/95. One 5 point composite sample was collected by Envirotech personnel and delivered to the Envirotech laboratory for Hazardous Waste Characterization analysis. The sample was documented on Envirotech Chain of Custody No. 4162 and assigned Laboratory No. 8396 for tracking purposes.

Results of the analysis indicate that this material is not a characteristic hazardous waste as defined by 40 CFR, Section 261, Subpart C. This material is therefore acceptable for disposal at the Envirotech Soil Remediation Facility (ESRF), Landfarm #2 located at Hilltop, New Mexico. A Certificate of Waste Status is enclosed and must be completed and received by Envirotech prior to transportation of the stockpile soil to the ESRF. A fax copy is acceptable ((505) 632-1865). Documentation will then be submitted to the New Mexico Oil Conservation Division (NMOCD) for approval. Receipt of NMOCD approval can be expected in approximately two weeks, after which the material can be transported to the ESRF.

Should you have any questions or require additional information, please do not hesitate to contact us at (505) 632-0615. It has been our pleasure doing business with you, and we hope you will consider Envirotech, Inc. for any of your future environmental contracting needs.

Respectively submitted,
Envirotech, Inc.



Stacy W. Sandler
Environmental Scientist

enc.
SWS/sws

92125-03/TCLP.ltr

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

SUSPECTED HAZARDOUS & SOLID WASTE ANALYSIS

Client:	ARCO Pipeline Co.	Project #:	92125-03
Sample ID:	Bisti Station	Date Reported:	05-03-95
Lab ID#:	8396	Date Sampled:	04-20-95
Sample Matrix:	Soil	Date Received:	04-20-95
Preservative:	Cool	Date Analyzed:	04-20-95
Condition:	Cool & Intact	Chain of Custody:	4162

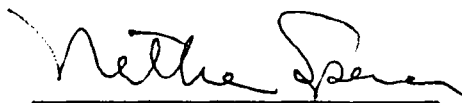
IGNITABILITY: Did not ignite upon direct contact with flame.

CORROSIVITY: pH of 6.74

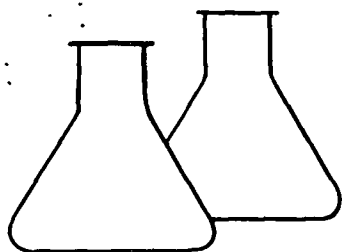
REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: $\leq$ pH 2 or $\geq$ pH 12.5 is hazardous waste.
Bisti Station. 5 Point Composite.


Analyst


Reviewed



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EPA METHODS 8010/8020 AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	ARCO Pipeline Co.	Project #:	92125-03
Sample ID:	Bisti Station	Date Reported:	04-26-95
Laboratory Number:	8396	Date Sampled:	04-20-95
Chain of Custody:	4162	Date Received:	04-20-95
Sample Matrix:	Soil	Date Extracted:	04-20-95
Preservative:	Cool	Date Analyzed:	04-25-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.007	0.2
1,1-Dichloroethene	ND	0.007	0.7
2-Butanone	ND	0.005	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	0.247	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	0.007	0.005	0.5
Tetrachloroethene	ND	0.006	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	98 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

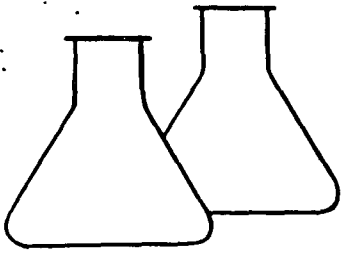
Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

ND = Parameter not detected at the stated detection limit.

Comments: ARCO Pipeline Co., Bisti Station, 5 pt. Composite.

Kevin L. Pfeiffer
Analyst

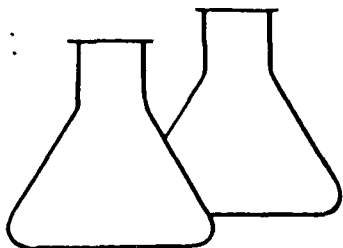
Stacy W. Bender
Review



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AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	04-26-95
Laboratory Number:	0425TCV.BLK	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-25-95
Condition:	N/A	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.007	0.2
2-Butanone	ND	0.005	200
1,1-Dichloroethene	ND	0.007	0.7
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.006	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	97 %
	Bromofluorobenzene	104 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992

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

Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992.

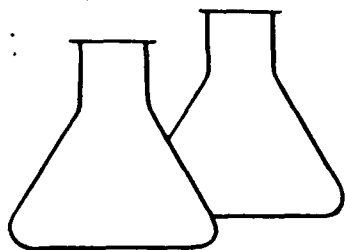
ND = Parameter not detected at the stated detection limit.

N/A = Not Applicable.

Comments: QA/QC for sample 8396.

Analyst

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EPA METHODS 8010/8020 AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	04-26-95
Laboratory Number:	0420TCV.MB	Date Sampled:	N/A
Chain of Custody:	4139	Date Received:	N/A
Sample Matrix:	Soil	Date Extracted:	04-20-95
Preservative:	N/A	Date Analyzed:	04-25-95
Condition:	N/A	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.007	0.2
1,1-Dichloroethene	ND	0.007	0.7
2-Butanone	ND	0.005	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.006	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	95 %
	Bromofluorobenzene	94 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.
Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

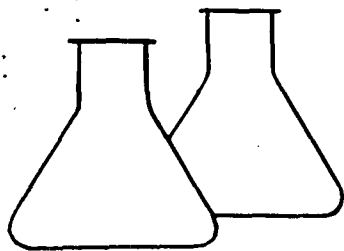
Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992.

ND = Parameter not detected at the stated detection limit.
N/A = Not Applicable.

Comments: QA/QC for sample 8396.

Analyst

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**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE**
EPA METHOD 8010/8020 AROMATIC VOLATILE/HALOGENATED VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	Duplicate Sample	Date Reported:	04-26-95
Laboratory Number:	8396	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	04-25-95
Condition:	N/A		

Parameter	Sample Result (mg/L)	Duplicate Sample Result (mg/L)	Detection Limits (mg/L)	Percent Difference
Vinyl Chloride	ND	ND	0.007	0.0
1,1-Dichloroethene	ND	ND	0.007	0.0
2-Butanone	ND	ND	0.005	0.0
Chloroform	ND	ND	0.005	0.0
Carbon Tetrachloride	ND	ND	0.005	0.0
Benzene	0.247	0.247	0.005	0.0
1,2-Dichloroethane	ND	ND	0.005	0.0
Trichloroethene	0.007	0.007	0.005	0.0
Tetrachloroethene	ND	ND	0.006	0.0
Chlorobenzene	ND	ND	0.005	0.0
1,4-Dichlorobenzene	ND	ND	0.005	0.0

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.

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

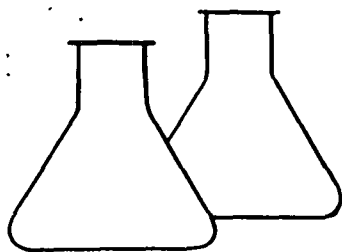
ND = Parameter not detected at the stated detection limit.

N/A = Not Applicable.

Comments: QA/QC for sample 8396.

Devin L. Spencer
Analyst

Margy W. Jendler
Review



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** QUALITY ASSURANCE

EPA METHODS 8010/8020

MATRIX SPIKE - AROMATIC / HALOGENATED VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Spike	Date Reported:	04-26-95
Laboratory Number:	8396	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	04-25-95
Condition:	N/A		

Parameter	Sample Result (ug/L)	Spike Added (ug/L)	Spiked Sample Result (ug/L)	Det. Limit (ug/L)	Percent Recovery	SW-846 % Rec. Accept. Range
Vinyl Chloride	ND	20.0	20.2	7.1	94	28-163
1,1-Dichloroethene	ND	20.0	18.3	6.8	91	43-143
2-Butanone	ND	20.0	19.2	5.3	87	47-132
Chloroform	ND	20.0	20.5	5.2	100	49-133
Carbon Tetrachloride	ND	20.0	19.9	5.1	98	43-143
Benzene	247	20.0	284.5	5.1	106	39-150
1,2-Dichloroethane	ND	20.0	20.9	5.2	103	51-147
Trichloroethene	6.6	20.0	23.6	5.0	89	35-146
Tetrachloroethene	ND	20.0	21.3	5.6	102	26-162
Chlorobenzene	ND	20.0	20.1	5.1	99	38-150
1,4-Dichlorobenzene	ND	20.0	20.9	5.0	104	42-143

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.

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.

N/A = Not Applicable.

Comments: QA/QC for sample 8396.

Shawn L. O'Brien
Analyst

Thay W. Sander
Review

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8040 PHENOLS

Client:	ARCO Pipeline Co.	Project #:	92125-03
Sample ID:	Bisti Station	Date Reported:	05-03-95
Laboratory Number:	8396	Date Sampled:	04-20-95
Chain of Custody:	4162	Date Received:	04-20-95
Sample Matrix:	Soil	Date Extracted:	04-20-95
Preservative:	Cool	Date Analyzed:	04-28-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.074	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-Fluorophenol	102 %
	2,4,6-Tribromophenol	106 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

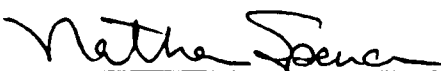
Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

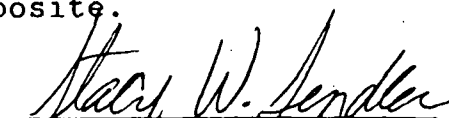
Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

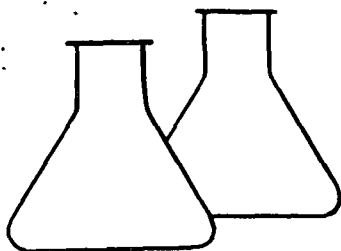
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND - Parameter not detected at the stated detection limit.

Comments: Bisti Station. 5 Point Composite.


Analyst


Review



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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8040 PHENOLS

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	05-03-95
Laboratory Number:	0428TALB	Date Sampled:	N/A
Sample Matrix:	2-Propanol	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-28-95
Condition:	N/A	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.074	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	96 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

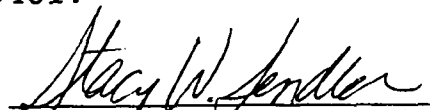
Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8396 and 8431.


Analyst


Review

EPA METHOD 8040
PHENOLS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Blank	Date Reported:	05-02-95
Laboratory Number:	0420TAMB	Date Sampled:	N/A
Sample Matrix:	2-Propanol	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-28-95
Condition:	N/A	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.074	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	117 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

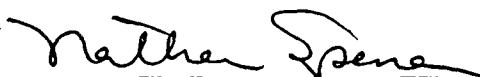
Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

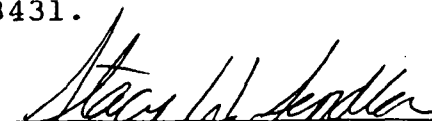
Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8396 and 8431.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

** QUALITY ASSURANCE REPORT MATRIX DUPLICATE
EPA METHOD 8040 PHENOLS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	05-03-95
Laboratory Number:	8396	Date Sampled:	04-20-95
Sample Matrix:	Soil	Date Received:	04-20-95
Preservative:	Cool	Date Extracted:	04-20-95
Condition:	Cool & intact	Date Analyzed:	04-28-95
		Analysis Requested:	TCLP

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Percent Difference
o-Cresol	ND	ND	0.0
p,m-Cresol	ND	ND	0.0
2,4,6-Trichlorophenol	ND	ND	0.0
2,4,5-Trichlorophenol	ND	ND	0.0
Pentachlorophenol	ND	ND	0.0

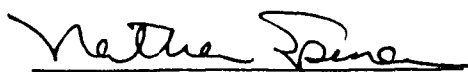
QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

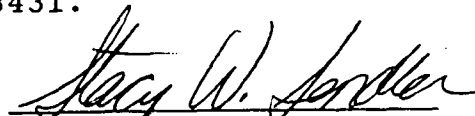
Method: Method 5030, Purge-and-Trap, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

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: QA/QC for samples 8396 and 8431.


Analyst


Review

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	ARCO Pipeline Co.	Project #:	92125-03
Sample ID:	Bisti Station	Date Reported:	05-03-95
Laboratory Number:	8396	Date Sampled:	04-20-95
Chain of Custody:	4162	Date Received:	04-20-95
Sample Matrix:	Soil	Date Extracted:	04-20-95
Preservative:	Cool	Date Analyzed:	05-02-95
Condition:	Cool and Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	0.155	0.020	3.0
Nitrobenzene	0.032	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	100 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

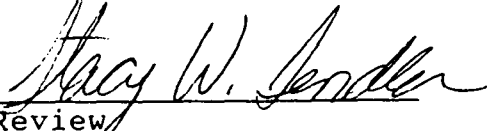
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986.

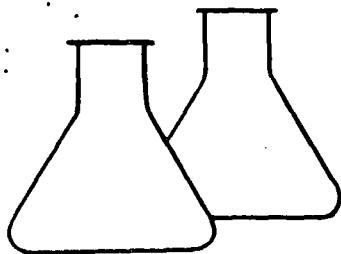
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND = Parameter not detected at the stated detection limit.

Comments: Bisti Station. 5 Point Composite.


Analyst


Review



ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

**QUALITY ASSURANCE / QUALITY CONTROL
DOCUMENTATION**

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	05-03-95
Laboratory Number:	0502BNLB	Date Sampled:	N/A
Sample Matrix:	Hexane	Date Received:	N/A
Preservative:	N/A	Date Extracted:	N/A
Condition:	N/A	Date Analyzed:	05-02-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	94 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

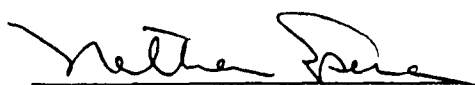
Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

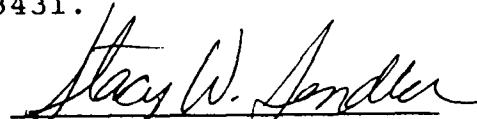
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND = Parameter not detected at the stated detection limit.
N/A = Not Applicable.

Comments: QA/QC for samples 8396 and 8431.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Blank	Date Reported:	05-03-95
Laboratory Number:	0420BNMB	Date Sampled:	N/A
Sample Matrix:	Hexane	Date Received:	N/A
Preservative:	N/A	Date Extracted:	04-20-95
Condition:	N/A	Date Analyzed:	05-02-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	96 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

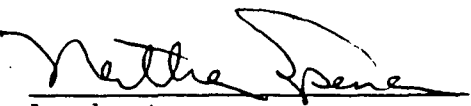
Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

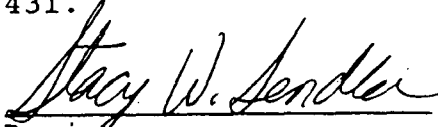
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND = Parameter not detected at the stated detection limit.
N/A = Not Applicable.

Comments: QA/QC for samples 8396 and 8431.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

** QUALITY ASSURANCE REPORT MATRIX DUPLICATE
EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	QA/QC	Project #:	N/A
Sample ID:	Duplicate Sample	Date Reported:	05-03-95
Laboratory Number:	8396	Date Sampled:	04-20-95
Sample Matrix:	Soil	Date Received:	04-20-95
Preservative:	Cool	Date Extracted:	04-20-95
Condition:	Cool & intact	Date Analyzed:	05-02-95
		Analysis Requested:	TCLP

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference
Pyridine	ND	ND	0.0
Hexachloroethane	0.155	0.151	2.6
Nitrobenzene	0.032	0.031	3.2
Hexachlorobutadiene	ND	ND	0.0
2,4-Dinitrotoluene	ND	ND	0.0
Hexachlorobenzene	ND	ND	0.0

QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

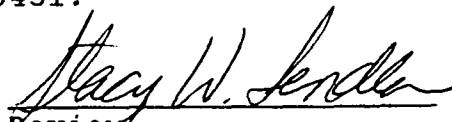
Method: Method 5030, Purge-and-Trap, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

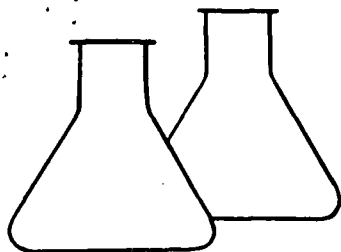
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8396 and 8431.


Analyst


Review



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PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	ARCO Pipeline Co.	Project #:	92125-03
Sample ID:	Bisti Station	Date Reported:	04-28-95
Laboratory Number:	8396	Date Sampled:	04-20-95
Chain of Custody:	4162	Date Received:	04-20-95
Sample Matrix:	Soil	Date Analyzed:	04-27-95
Preservative:	Cool	Date Extracted:	04-20-95
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
ARSENIC	0.004	0.001	5.00
BARIUM	0.41	0.01	100
CADMIUM	0.033	0.001	1.00
CHROMIUM	ND	0.002	5.00
LEAD	0.012	0.001	5.00
MERCURY	ND	0.001	0.200
SELENIUM	0.001	0.001	1.00
SILVER	ND	0.001	5.00

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

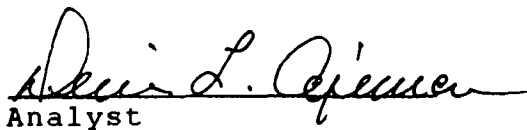
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

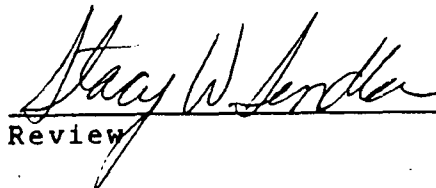
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

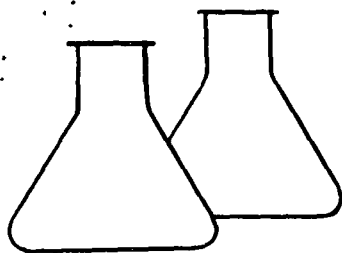
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND = Parameter not detected at the stated detection limit.

Comments: ARCO Pipeline Co., Bisti Station, 5 pt. Composite.


Analyst

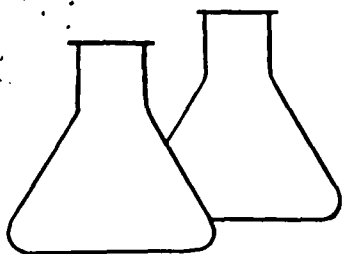

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS - BLANKS

Client:	N/A	Project #:	N/A
Sample ID:	Blanks	Date Reported:	04-28-95
Laboratory Number:	N/A	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	04-27-95
Condition:	N/A	Date Extracted:	N/A

Parameter	Instrument Blank • (mg/L)	Extraction Sol. Blank (mg/L)	Det. Limit (mg/L)
ARSENIC	ND	ND	0.001
BARIUM	ND	ND	0.01
CADMIUM	ND	ND	0.001
CHROMIUM	ND	ND	0.002
LEAD	ND	ND	0.001
MERCURY	ND	ND	0.001
SELENIUM	ND	ND	0.001
SILVER	ND	ND	0.001

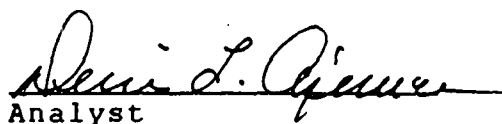
Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

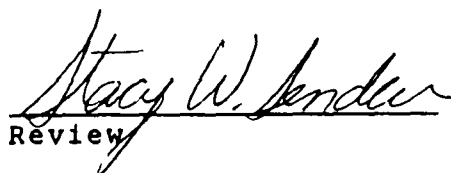
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

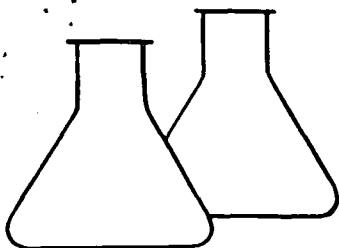
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND = Parameter not detected at the stated detection limit.
N/A = Not Applicable.

Comments: QA/QC for sample 8396.


Analyst


Review



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QUALITY ASSURANCE REPORT
EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS - DUPLICATE

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	04-28-95
Laboratory Number:	8396	Date Sampled:	N/A
Sample Matrix:	Liquid	Date Received:	N/A
Analysis Requested:	Trace Metals	Date Analyzed:	04-27-95
Condition:	N/A	Date Extracted:	04-20-95

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference
ARSENIC	0.004	0.004	0.0
BARIUM	0.410	0.480	15.7
CADMIUM	0.033	0.031	6.2
CHROMIUM	ND	ND	0.0
LEAD	0.012	0.011	8.7
MERCURY	ND	ND	0.0
SELENIUM	0.001	0.001	0.0
SILVER	ND	ND	0.0

QA ACCEPTANCE CRITERIA:	Parameter	Maximum Difference
	Trace Metals	30 %

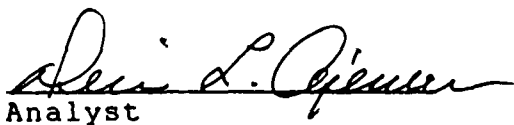
Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

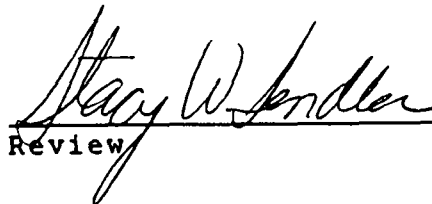
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

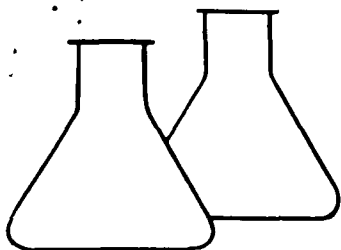
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND = Parameter not detected at the stated detection limit.
N/A = Not Applicable.

Comments: QA/QC for sample 8396.


Analyst


Review



ENVIROTECH LABS

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PHONE: (505) 632-0615 • FAX: (505) 632-1865

QUALITY ASSURANCE REPORT
EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS - MATRIX SPIKE

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Spike	Date Reported:	04-28-95
Laboratory Number:	8396	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	04-27-95
Condition:	N/A	Date Extracted:	04-20-95

Parameter	Spike Added (mg/L)	Sample Result (mg/L)	Spiked Sample Result (mg/L)	Percent Recovery
ARSENIC	0.100	0.004	0.104	100
BARIUM	0.50	0.41	0.94	106
CADMIUM	0.100	0.033	0.131	98
CHROMIUM	0.100	ND	0.100	100
LEAD	0.100	0.012	0.112	100
MERCURY	0.025	ND	0.025	101
SELENIUM	0.100	0.001	0.101	100
SILVER	1.00	ND	1.02	102

QA ACCEPTANCE CRITERIA:	Parameter	Acceptance Range %
	TCLP Metals	80 - 120

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND = Parameter not detected at the stated detection limit.
N/A = Not Applicable.

Comments: QA/QC for sample 8396.

Kevin L. Givens
Analyst

Stacy W. Bender
Review

CHAIN OF CUSTODY RECORD

Client/Project Name ARCO PIPELINE CO.			Project Location 92126-03 BISTI STATION		ANALYSIS/PARAMETERS							
Sampler: (Signature) <i>Harold M. Brown</i>			Chain of Custody Tape No.		No. of Containers 1	W/O TELP 44A						Remarks 5 pt. Composite
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix								
Bisti Station	4-20-95	8:54	8396	Soil								
Relinquished by: (Signature) <i>Harold M. Brown</i>			Date 4-20-95	Time 9:20	Received by: (Signature) <i>Natthe Spence</i>			Date 4-20-95	Time 0920			
Relinquished by: (Signature)					Received by: (Signature)							
Relinquished by: (Signature)					Received by: (Signature)							

ENVIROTECH INC.
 5796 U.S. Highway 64-3014
 Farmington, New Mexico 87401
 (505) 632-0615

Roger Anderson

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter ENVIROTECH	52
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator ENERGY Air Drilling	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site Main Yard	
7. Originating Location of Material (Street Address or ULSTR) 5633 Hwy 64, Farmington, N.M.	8. State New Mexico	
9. Check One ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for Transportation: 6-23-95		

BRIEF DESCRIPTION OF THE MATERIAL:

Clean of Diesel spills around fueling AREA

RECEIVED RECEIVED
JUN 20 1995 JUN 13 1995
OIL CON. DIV. OIL CON. DIV.
DIST. 3 DIST. 3

Estimated Volume 15 yd³ Known Volume (to be entered by the operator at the end of the haul):
I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 6-13-95
TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Dennis E. Faint TITLE Geologist DATE 6/13/95
APPROVED BY C. S. E. Faint TITLE GEOLOGIST DATE 6-19-95

SF 6/13

CONDITIONS OF APPROVAL, IF ANY: Note this diesel van auto adjacent property. material is entire cleanup.

1. RCRA Exempt: ☐ Non-Exempt: ☒
Verbal Approval Received: Yes ☐ No ☒

4. Name of Transporter
ENVIROTECH

2. Destination

Land Farm # 2 Envirotech Soil Remediation Facility

5. Generator

ENERGY Air Drilling Service

3. Address of Facility Operator

5796 US Hwy. 64-3014 Farmington, NM 87401

6. Name of Originating Site

Rain Yard

7. Originating Location of Material (Street Address or ULSTR)

5633 Hwy 64, Farmington, N.M.

8. State

New Mexico

9. Check One

- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport

6-23-95

BRIEF DESCRIPTION OF THE MATERIAL:

Clean of Diesel spills around Fueling AREA

RECEIVED
JUN 13 1995

OIL CON. DIV.
DIV. 3

Estimated Volume 15 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 6-13-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Feut TITLE Geologist DATE 6/13/95

APPROVED BY _____ TITLE _____ DATE _____

Santa Fe 6/13

CONDITIONS OF APPROVAL IF ANY:

Note this diesel ran onto adjacent property. material is entire cleanup

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS
OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: 5633 U.S. Hwy 64 Farmington NM. 87401
Source: Clean up of diesel spills around fueling area
Disposal Location: Envirotech Soil Remediation Facility, (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Energy Air Drilling Service Co. concur with the status of the waste from the subject site.

Name Jerald R. TuFly
Title/Agency Area Manager
Address P.O. Box 2783
Farmington N.M. 87499-2783
Signature Jerald R. TuFly
Date 6/13/95



**Bloomfield Refining
Company**

A Gary Energy Corporation Subsidiary

MATERIAL SAFETY DATA SHEET

MSDS NUMBER >

SECTION I		NAME		24 HOUR EMERGENCY ASSISTANCE									
Product	>	Diesel		Chemtrec 800-434-9300									
Chemical/ Synonyms	>	Fuel Oil #2		<table border="1"> <tr> <td>HAZARD RATING</td> <td></td> </tr> <tr> <td>LEAST 0 SLIGHT 1</td> <td></td> </tr> <tr> <td>MODERATE 2 HIGH 3 EXTREME 4</td> <td></td> </tr> </table>	HAZARD RATING		LEAST 0 SLIGHT 1		MODERATE 2 HIGH 3 EXTREME 4			HEALTH	0
HAZARD RATING													
LEAST 0 SLIGHT 1													
MODERATE 2 HIGH 3 EXTREME 4													
Chemical Family	>	hydrocarbon		FIRE	2								
C.A.S. Number	>	Mixture		REACTIVITY	0								

SECTION II			INGREDIENTS		
Composition		Toxicity Data			
Complete combination of straight chain and cracked hydrocarbons. Contains additives which are not considered hazardous in concentration present.		100%	None established.		

SECTION III - HEALTH INFORMATION

Inhalation: WARNING. Minimize breathing vapors. Repeated or prolonged exposures to high concentration of vapor may cause headache, dizziness, nausea, irritation, loss of consciousness or even death.

Ingestion: Harmful if swallowed resulting in nausea, vomiting, diarrhea and restlessness. Aspiration or vomitus may lead to severe lung damage and even death.

Skin Contact: Prolonged and repeated liquid contact can cause defatting and drying of the skin resulting in skin irritation and dermatitis.



Bloomfield Refining
Company

A Con Energy Corporation subsidiary

Material Safety Data Sheet

MSDS NUMBER ▶

Page 2 of 4

SECTION V - EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

Skin Contact: Remove contaminated clothing and shoes. Follow by washing with soap and water. Do not reuse clothing or shoes until cleaned. If irritation persists, get medical attention.

Eye Contact: Flush with water for 15 minutes while holding eyelids open. Get medical attention.

Ingestion: Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.

SECTION VI - PHYSICAL DATA

Boiling Point (°F) ▶ 357-642	Melting Point (°F) ▶ N/A	Vapor Pressure (mmHg) ▶ N/A
Specific Gravity (H ₂ O=1) ▶ .83	% Volatile by Volume ▶ 100% at 642°F	Vapor Density (Air=1) ▶ N/A
Solubility in Water ▶ N/A	Evaporation Rate (Butyl Acetate=1) ▶ N/A	

Appearance and Odor

Amber brown color slightly viscous liquid with hydrocarbon odor.

SECTION VII - FIRE AND EXPLOSION HAZARDS

Flash point & method used	Flammable limits/%Volume in air	Lower	Upper
148°F - tag closed tester		0.7%	5.0%

Extinguishing media

Water spray, foam, dry chemical or CO₂

Special fire fighting procedures and precautions

Use water to keep fire exposed containers cool. If a spill or leak has not ignited use water spray to disperse the vapors and provide protection for men attempting to stop a leak.

Water spray may be used to flush spills away from exposures.

Usual fire and explosion hazards



**Bloomfield Refining
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Material Safety Data Sheet

MSDS NUMBER ▶

Page 3 of 4

SECTION VIII REACTIVITY

STABILITY ▶

☐ Unstable ☒ Stable

HAZARDOUS POLYMERIZATION ▶

☐ May occur ☒ Will not occur

Conditions and Materials to avoid

Avoid heat, sparks, open flames, and strong oxidizing agents. Prevent vapor accumulation.

Hazardous decomposition products

Carbon monoxide and other organic compounds can be formed upon combustion.

SECTION IX EMPLOYEE PROTECTION

Respiratory protection

Under conditions of potential high exposure, the use of a NIOSH-approved respirator is recommended. Per 29 CFR 1910.134 use either an atmosphere-supplying respirator or an air-purifying respirator for organic vapors. For vice station personnel protection, see section XI.

Protective clothing

As required to minimize skin and eye contact, wear impervious gloves, eye protection, and other protective clothing.

Additional protective measures

Use explosion-proof ventilation as required to control vapor concentrations.

SECTION X ENVIRONMENTAL PROTECTION

Spill or leak procedures

Eliminate all ignition sources.

Large Spills: Isolate hazard area; deny entry to unnecessary personnel. Wear appropriate respirator and protective clothing. Shut off source of leak if safe to do so; dike and contain. Remove with vacuum trucks or pump to storage salvage vessels. Soak up residue with an absorbant such as clay, sand or other suitable material; place in D.O.T. authorized non-leaking containers for proper disposal.

Small spills: Take up with an absorbant material such as sand or clay and dispose as above.

Waste disposal

Uncovered product should be recycled. Waste generated during cleanup which is discarded as a solid waste should be disposed of at a facility approved under RCRA regulations for hazardous waste (see Sec. XIII).

Environmental hazards

This product is an "oil" under the Clean Water Act. KEEP OUT OF SURFACE



Bloomfield Refining
Company

A Gulf Energy Corporation subsidiary

Material Safety Data Sheet

MSDS NUMBER ▶

Page 4 of 4

SECTION XI

SPECIAL PRECAUTIONS

FOR USE AS A MOTOR FUEL ONLY. Do not use as a cleaning solvent or for other non-motor fuel uses.

Wash with soap and water before eating, drinking, smoking or using toilet facilities. Launder contaminated clothing before reuse. Under normal working conditions at service stations, a respirator is not warranted. If a major spill occurs, get upwind and notify local emergency personnel. Remember explosion and fire is the most immediate danger.

SECTION XII TRANSPORTATION REQUIREMENTS

Department of Transportation Classification ▶

- | | | | |
|---|--|--|--|
| ☐ FLAMMABLE LIQUID | ☒ COMBUSTIBLE LIQUID | ☐ OXIDIZING MATERIAL | ☐ NON-FLAMMABLE GAS |
| ☐ FLAMMABLE SOLID | ☐ POISON, CLASS A | ☐ CORROSIVE MATERIAL | ☐ NOT HAZARDOUS BY D.O.T. REGULATIONS |
| ☐ FLAMMABLE GAS | ☐ POISON, CLASS B | ☐ IRRITATING MATERIAL | ☐ OTHER—Specify below |

D.O.T. proper shipping name

Combustible liquid N.O.S.

Other requirements

D.O.T. I.D. # NA1993 Guide No. 26

SECTION XIII OTHER REGULATORY CONTROLS

EPA, FDA, OSHA, CPSC, etc.

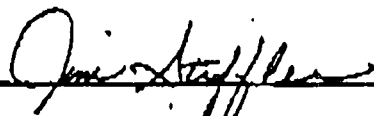
EPA - Resource Conservation and Recovery Act (RCRA) regulations as produced; this material is a product and not a waste. If discarded or intended to be discarded as is, it is a liquid ignitable hazardous waste as defined in RCRA (40 CFR 261.21). The EPA hazardous waste number is D001.

EPA - Clean Water Act (CWA)

This product is classified as an oil under Section 311 of the Clean Water Act

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding accuracy of these data or the results to be obtained from the use thereof.

Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore.


Bloomfield Refining Company
P.O. Box 159
Bloomfield, NM 87413

Roger Merson

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	CONSERVATION RECEIVED	4. Name of Transporter ENVIROTECH
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility		5. Generator Dowell-Schumbarger
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401		6. Name of Originating Site JICARILLA 89-4
7. Originating Location of Material (Street Address or ULSTR) Section 11, T27N, R3W, Well Name JICARILLA 89-4		8. State New Mexico

9. Check One
- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.
- All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Date(s) for Transportation: 6-23-95

BRIEF DESCRIPTION OF THE MATERIAL:

Hydraulic Line Failure on track at Field Location.
Clean of soil impacted by Hydraulic Fluid.

RECEIVED
JUN 20 1995
OIL CON. DIV.
DIST. 3

RECEIVED
JUN 13 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 10 yd³ Known Volume (to be entered by the operator at the end of the haul):

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young for RMY TITLE Land Farm Supervisor DATE 6-13-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Farrant TITLE Geologist DATE 6/14/95

APPROVED BY [Signature] TITLE Geologist DATE 6-15-95

SF 6/14/95

CONDITIONS OF APPROVAL IF ANY: Note This is from Jicarilla Reservation

1. RCRA Exempt: ☐ Non-Exempt: ☒
Verbal Approval Received: Yes ☐ No ☒

4. Name of Transporter

~~Envirotech~~

2. Destination

Land Farm # 2 Envirotech Soil Remediation Facility

3. Address of Facility Operator

5796 US Hwy. 64-3014 Farmington, NM 87401

5. Generator

Dowell-Schumberger

6. Name of Originating Site

Jicarilla 89-4

7. Originating Location of Material (Street Address or ULSTR)

Section 11, T27N, R3W,

Well Name

Jicarilla 89-4

8. State

New Mexico

9. Check One

☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.

☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.

☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport

6- .9

BRIEF DESCRIPTION OF THE MATERIAL:

Hydraulic Line Failure on track at Field Location.
Clean of soil impacted by Hydraulic Fluid.

RECEIVED
JUN 13 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 10 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young for RMY TITLE Land Farm Supervisor DATE 6-13-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny S. Faint TITLE Geologist DATE 6/14/95

APPROVED BY _____ TITLE _____ DATE _____

Santa Fe 6/14/95
CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD NON-EXEMPT WASTE MATERIAL

WELL NAMEOriginating Location: Jicarilla 89-4 Sec 11-T27N-R3WSource: Hydraulic Line ON TRUCK BrokeDisposal Location: Envirotech Soil Remediation Facility, (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Dowell
concur with the status of the waste from the subject site.

Name Todd Knutson
Title/Agency FACILITY SUPERVISOR
DOWELL SCHUMBERGER
Address 3106 E. Bloomfield Hwy
FARMINGTON NM
Signature Todd Knutson
Date 6-13-95



HYDC0180

Revised 6-APR-1994

Printed 20-JAN-1995

SUPER HYDRAULIC OIL 22, 32, 46, 68

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Product Use

Antiwear Hydraulic Fluid

Tradenames and Synonyms

7447, 7448, 7449, 7450 - Conoco Base Codes

Company Identification

MANUFACTURER/DISTRIBUTOR

CONOCO INC.

PO BOX 2197

HOUSTON, TX 77252

PHONE NUMBERS

Product Information 1-713-293-5550

Transport Emergency 1-800-424-9300 (Canada 1-613-348-3616)

Medical Emergency 1-800-441-3637 (Canada 1-613-348-3616)

COMPOSITION/INFORMATION ON INGREDIENTS

Components**Material****CAS Number****%**

May contain any combination of the following

95-100

base oils:

Solvent Refined Dist., Lt. Paraffinic 64741-89-5

Solvent Refined Dist., Hvy. Paraffinic 64741-88-4

Solvent Dewaxed Dist., Hvy. Paraffinic 64742-65-0

Solvent Dewaxed Dist., Lt. Paraffinic 64742-56-9

Hydrotreated Dist., Hvy. Paraffinic 64742-54-7

Hydrotreated Bottoms 64742-57-0

(Continued)

COMPOSITION/INFORMATION ON INGREDIENTS(Continued)

*Zinc Compound	68649-42-3	0-1
2-Ethylhexanol	104-76-7	0-1
Proprietary Additives		<5

If oil mist is generated, exposure limits apply.

* Regulated as a Toxic Chemical under Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

HAZARDS IDENTIFICATION**Potential Health Effects****Substance Information**

Primary Route of Entry: Skin

The product, as with many petroleum products, may cause minor skin, eye, and lung irritation, but good hygienic practices can minimize these effects.

Normal use of this product does not result in generation of an oil mist. However if an oil mist is generated, overexposure can cause minor and reversible irritation to the eyes, skin, and especially the lungs. Proper personal protective equipment and sufficient ventilation can provide adequate protection.

Carcinogenicity Information

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

FIRST AID MEASURES**First Aid****INHALATION**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

SKIN CONTACT

Wash skin thoroughly with soap and water. If irritation develops and persists, consult a physician.

If injected under the skin, necrosis could occur. See physician.

EYE CONTACT

(Continued)

FIRST AID MEASURES(Continued)

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

INGESTION

If swallowed, do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

Notes to Physicians

Activated charcoal mixture may be administered. To prepare activated charcoal mixture, suspend 50 grams activated charcoal in 400 mL water and mix thoroughly. Administer 5 mL/kg, or 350 mL for an average adult.

High velocity injection under the skin can cause a bloodless puncture wound and result in necrosis. Immediate attention by a surgical specialist is recommended.

FIRE FIGHTING MEASURES**Flammable Properties**

Flash Point	355 F (179 C)	Method: COC
Autoignition	650 F (343 C)	
Flammable limits in Air, % by Volume		
LEL	Undetermined	
UEL	Undetermined	

NFPA Classification Class IIIB Combustible Liquid.

Extinguishing Media

Water Spray, Foam, Dry Chemical, CO2.

Fire Fighting Instructions

Water or foam may cause frothing. Use water to keep fire-exposed containers cool. Water may be used to flush spills away from exposures.

Products of combustion may contain carbon monoxide, carbon dioxide, and other toxic materials. Do not enter enclosed or confined space without proper protective equipment including respiratory protection.

ACCIDENTAL RELEASE MEASURES**Safeguards (Personnel)**

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Remove source of heat, sparks, and flame.

(Continued)

ACCIDENTAL RELEASE MEASURES(Continued)

Initial Containment

Dike spill. Prevent material from entering sewers, waterways, or low areas.

Spill Clean Up

Recover free liquid for reuse or reclamation. Soak up with sawdust, sand, oil dry or other absorbent material.

HANDLING AND STORAGE

Handling (Personnel)

Wash thoroughly after handling. Wash contaminated clothing prior to reuse.

Handling (Physical Aspects)

Close container after each use. Do not pressurize, cut, weld, braze, solder, grind, or drill on or near full or empty container. Empty container retains residue (liquid and/or vapor) and may explode in heat of a fire.

Storage

Store in accordance with National Fire Protection Association recommendations. Store in a well ventilated place. Store in a clean, dry place. Store away from oxidizers, heat, sparks and flames.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls**VENTILATION**

Normal shop ventilation.

Personal Protective Equipment**RESPIRATORY PROTECTION**

None normally required except in emergencies or when conditions cause excessive airborne levels of mists or vapors. Select appropriate NIOSH-approved respiratory protective equipment when exposed to sprays or mists. Proper respirator selection should be determined by adequately trained personnel and based on the contaminant(s), the degree of potential exposure, and published respirator protection factors.

PROTECTIVE GLOVES

Should be worn when the potential exists for prolonged or repeated skin contact. NBR or neoprene recommended.

EYE PROTECTION

Safety glasses with side shields.

OTHER PROTECTIVE EQUIPMENT

Coveralls with long sleeves if splashing is probable.

(Continued)

EXPOSURE CONTROLS/PERSONAL PROTECTION(Continued)

Exposure Guidelines**Applicable Exposure Limits****2-Ethylhexanol**

PEL (OSHA)

None Established

TLV (ACGIH)

None Established

AEL * (Du Pont)

20 ppm, 8 Hr. TWA

If oil mist is generated, exposure limits apply.

PEL (OSHA)

5 mg/m3, 8 Hr. TWA

TLV (ACGIH)

5 mg/m3, 8 Hr. TWA, STEL 10 mg/m3

Notice of Intended Changes (1993-1994)

5 mg/m3, 8 Hr. TWA, severely refined

AEL * (Du Pont)

5 mg/m3, 8 Hr. TWA

* AEL is Du Pont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Boiling Point

>555-1060 F (291-571 C)

Vapor Pressure

Nil

Vapor Density

>1 (Air=1.0)

% Volatiles

Nil

Evaporation Rate

Nil

Solubility in Water

Insoluble

Odor

Petroleum Hydrocarbon (mild).

Form

Liquid.

Color

Yellow, Amber to Brown.

Specific Gravity

0.863-0.881 @ 60 F (16 C)

Density

7.16-7.35 lb/gal @ 60 F (16 C)

STABILITY AND REACTIVITY

Chemical Stability

Stable at normal temperatures and storage conditions.

Conditions to Avoid

Heat, sparks, and flames.

Incompatibility with Other Materials

Incompatible or can react with strong oxidizers.

Decomposition

Normal combustion forms

oxides of carbon and may produce minor quantities of oxides of nitrogen, phosphorus, sulfur, and zinc.

Polymerization

Polymerization will not occur.

(Continued)

TOXICOLOGICAL INFORMATION**Animal Data**

Mouse skin painting studies have shown that highly solvent-refined petroleum distillates similar to ingredients in this product have not caused skin tumors.

Animal skin exposure studies show high concentrations of zinc organic phosphates cause testicular atrophy, but this effect appears related to stress from the chemical causing severe skin irritation. Low concentrations of the zinc component, as occurs in lubricant products, would not have caused testicular damage.

ECOLOGICAL INFORMATION**Ecotoxicological Information**

No specific aquatic data available for this product.

DISPOSAL CONSIDERATIONS**Waste Disposal**

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Do not flush to surface water or sanitary sewer system.

Container Disposal

Empty drums should be completely drained, properly bunged, and promptly shipped to the supplier or a drum reconditioner. All other containers should be disposed of in an environmentally safe manner.

TRANSPORTATION INFORMATION**Shipping Information**

DOT

Not regulated.

ICAO/IMO

Not restricted.

Shipping Information -- Canada

This material is Not Regulated.

REGULATORY INFORMATION**U.S. Federal Regulations****OSHA HAZARD DETERMINATION**

Under normal conditions of use, this material is not known to be hazardous as defined by OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

(Continued)

REGULATORY INFORMATION(Continued)**CERCLA/SUPERFUND**

Not applicable; this material is covered by the CERCLA petroleum exclusion. Releases are not reportable.

SARA, TITLE III, 302/304

This material is not known to contain extremely hazardous substances.

TITLE III HAZARD CLASSIFICATIONS SECTIONS 311, 312

Acute : No
Chronic : No
Fire : No
Reactivity : No
Pressure : No

SARA, TITLE III, 313

This material contains the following chemical(s) at a level of 1.0% or greater (0.1% for carcinogens) on the list of Toxic Chemicals and is subject to toxic chemical release reporting requirements:

Toxic Chemical Zinc Compound.

TSCA

Material and/or components are listed in the TSCA Inventory of Chemical Substances (40 CFR 710).

RCRA

This material, when discarded or disposed of, is not specifically listed as a hazardous waste in Federal regulations. It could become a hazardous waste if it is mixed with, or comes in contact with, a listed hazardous waste. If it is a hazardous waste, regulations at 40 CFR 262-266 and 268 may apply.

CLEAN WATER ACT

The material contains the following ingredient(s) which is considered hazardous if spilled into navigable waters and therefore reportable to the National Response Center (1-800-424-8802).

Ingredient	Petroleum Hydrocarbons.
Reportable Quantity	Film or sheen upon or discoloration of any water surface.

State Regulations (U.S.)**CALIFORNIA "PROP 65"**

This material is not known to contain any ingredient(s) subject to the Act.

PENNSYLVANIA WORKER & COMMUNITY RIGHT TO KNOW ACT

This material may contain the following ingredient(s) subject to the Pennsylvania and Community Right to Know Hazardous Substances List.

(Continued)

REGULATORY INFORMATION(Continued)

Ingredient Category Zinc Compound.
 Environmental Hazard.

Ingredient Category 2-Ethylhexanol.
 Hazardous Substance.

Canadian Regulations

This is not a WHMIS Controlled Product.

Transport/Medical Emergency Phone Number: 1-613-348-3616

OTHER INFORMATION

NFPA, NPCA-HMIS

NFPA Rating	
Health	0
Flammability	1
Reactivity	0

NPCA-HMIS Rating

Health	1
Flammability	1
Reactivity	0

Personal Protection rating to be supplied by user depending on use conditions.

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Responsibility for MSDS : MSDS Administrator
Address : Conoco Inc.
> : PO Box 2197
> : Houston, TX 77252
Telephone : 1-713-293-5550

Indicates updated section.

End of MSDS

DOWELL

505-632-1867

WIRETECH INC
D:1-505-327-0317

322 P02 JUN 14 '95 12:04
4 '95 8.33 NO.001 P.02

Schlumberger Dowell

Dowell Schlumberger Incorporated
P.O. Box 1850
Farmington, New Mexico 87408
(505) 328-5088

Kurt Sandoval
Environmental Protection Office
Jicarilla Apache Tribe
P.O. Box 307
Dulce, NM 87528

Date : 6/14/95

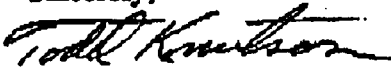
TO: Mr. Kurt Sandoval,

This letter is to inform you that Dowell Schlumberger was on a service job for Meridian Oil on the Jicarilla 89-4 well (Sec 11-27n-r3w). We had a hydraulic line break on one of our trucks, which put hydraulic oil on the surface ground. Dowell had this spill cleaned up by a backhoe and the contaminated soil hauled to our yard in Farmington, NM (3106 East Bloomfield Hwy).

We are now in the process of having the soil hauled to Envirotech's land farm #2.

If you have any questions, please give me a call.

Sincerely,



Todd Knutson
Facility Supervisor

1. RCRA Exempt: ☒ Non-Exempt: ☐
Verbal Approval Received: Yes ☐

Ver
Grand Forest
6-20-95
per RMY

4. Name of Transporter

CE&A

2. Destination

Land Farm # 2 Envirotech Soil Remediation Facility

3. Address of Facility Operator

5796 US Hwy. 64-3014 Farmington, NM 87401

7. Originating Location of Material (Street Address or ULSTR)

SAN JUAN 32-9 #21A well site.

5. Generator

Meridian Oil

6. Name of Originating Site

SJ 32-9 21A

8. State

New Mexico

9. Check One

- ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport

BRIEF DESCRIPTION OF THE MATERIAL:

Soil contaminated by overflow of condensate TANK

RECEIVED
JUN 26 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 20 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 6-23-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Feunt TITLE Geologist DATE 6/27/95

APPROVED BY Eric Branch TITLE " DATE "

CONDITIONS OF APPROVAL IF ANY: Approval based on spill from truck never leaving location

ENVIROTECH INC.

5796 U.S. HIGHWAY 64-3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

632-1865

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: SAN JUAN 32-9 # 21A T3N-10W-11E

Source: CONDENSATE TANKS

Disposal Location: Envirotech Soil Remediation Facility (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for MERIDIAN OIL
concur with the status of the waste from the subject site.

Name KEVIN C. MYERS
Title/Agency ENVIRONMENTAL SPECIALIST

Address P.O. Box 4289
FARMINGTON

Signature Kevin C. Myers

Date 6-20-95

Exempt Waste Manifest

Meridian Oil Inc.

PO Box 4289, Farmington, NM 87499

Safety and
Environmental

1. Waste Location: Lease/Well No. ST 32-9 # 21A
2. Volume: _____ Cubic Yards 7-8 _____ Barrels _____ Gallons
3. Description of Waste: CONDENSATE
4. Method of Waste Generation: TANK OVERFLOW
5. Disposal Facility: ENVIRO TECH
6. Disposal Cost: _____
7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal

Kevin C. Myers
(signature)Date 6-20-95MOI
Representative

Transportation Company: _____

Date(s) Transported: _____

MOI Representative on Site

(signature)

Date _____

Disposal Facility
Complete and
return to
Meridian
Safety and
Environmental
with Invoice.

Date(s) Received: _____

Total Volume Received: _____

Waste Location : Cell/Grid No. _____

Received By : _____

(signature)

6105

ENVIROTECH INC.

Bill of Lading

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 - 3014 • FARMINGTON, NEW MEXICO 87401

MONTH OF June

[illegible]

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME _____ COMPANY _____

SIGNATURE E. Mark Walsh

DATE 6-20-95

MERIDIAN OIL

SAFETY & ENVIRONMENTAL DEPARTMENT

3535 East 30th Street, Farmington NM 87402
P.O. Box 4289, Farmington, NM 87499
(505) 326-9700 FAX: (505) 326-9725

DATE: 6-20-95

TO: Rob

COMPANY: ENVIROTECH

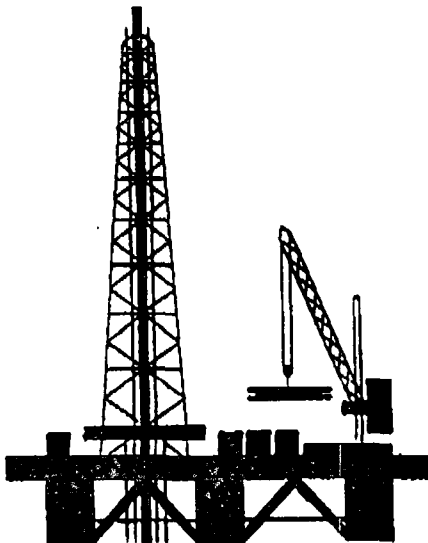
TELECOPIER NO: _____

FROM: KEVIN

NO. OF PAGES (including cover): 3

COMMENTS OR SPECIAL INSTRUCTIONS:

NOTE
2 Events
Same Location
One
4-18-95
The other
6-20-95
Deer has concerns



Preliminary ☒ Final

Report No. _____

Location Of Release/Incident Field Name: TRANSPORTATION Lease Name/No.: _____Date Of Release/Incident: 6/20/95 Date Of Cleanup: 6/20/95 Date Of Containment: 6/20/95Time Of Release/Incident: 6:30 am Time Of Cleanup: _____ Time Of Containment: 6:30 amPerson Reporting Release/Incident to Agencies: Doug Thomas

Agency	Type	Contact	Date	Time	Notes
	Internal	Guy Garretson	6/20/95	6:30 am	Called in report
	Internal	Doug Thomas	6/21/95	8:01 am	Faxed report to E/S office
NMOCD - FARMINGTON	External	Denny Foust	6/28/95	12:00 pm	Written report

Facility Name: SAN JUAN 32-9 #21A County/Parish: SAN JUANWell Number: _____ Section: 11 T 31N R 10W

Directions To Site:

Weather Conditions Wind Dir.: Calm Speed: _____ Temperature: 45

Other (Describe): _____

Substance	Substance(s) Released			Units
	Released Amt	Recovered Amt	Lost Amt	
Crude Oil	8.00	3.00	5.00	barrels
None	0.00	0.00	0.00	

Did Release Impact GroundWater/Surface Water/Drainage Area: NO Name: None

Description Of Water Impact: _____

Were There Any Injuries: NO Desc: No Injuries To ReportDescribe Release Incident: Valve on trailer left open.

Describe Impact To Surrounding Environment (i.e. size, livestock, wildlife): _____

Describe Containment And Cleanup: A dam was built to to reduce impacted area. Contaminated soil was removed and soil hauled to Envirotech to be landfarmed. (approx. 10yd)How Were Wastes Handled: Contaminated soil was picked up and hauled to Envirotech for remediation. (approx. 10yd)How Can Release Be Prevented In Future: Driver needs to check valves prior to loading.Estimated Cost: 1,000.00 Actual Cost: 0.00

Itemized Costs: _____

Supervisor: Guy Garretson

RECEIVED
JUN 22 1995
OIL CON. DIV.
DIST. 3

9136 10

1. RCRA Exempt: ☒ Non-Exempt: ☐
 Verbal Approval Received: Yes ☒ No ☐ *5-23-95 7:45*
2. Destination
 Land Farm # 2 Envirotech Soil Remediation Facility
3. Address of Facility Operator
 5796 US Hwy. 64-3014 Farmington, NM 87401
4. Name of Transporter
 Bill Moss
5. Generator
 Meridian Oil
6. Name of Originating Site
 Canyon Largo #291
7. Originating Location of Material (Street Address or ULSTR)
 D, Sec 12, T24N, R6W
8. State
 NM.
9. Check One
☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.
- All transporters must certify that the wastes delivered are only those consigned for transport

BRIEF DESCRIPTION OF THE MATERIAL:

Clean of spills and leaks around production equipment and
 Tanks on well location.
 Leaks around stuffing box.
 No significant water oil per Craig Back, MOI, 5-23-95

Rec 24cy Contam Soil
 Box 6027 on 5/23/95
 Rec 40cy Contam Soil
 Box 6029 on 5/24/95
 Placed into LF#2 D-19

RECEIVED
 JUN 29 1995
 OIL CON. DIV.
 DES 8

Estimated Volume 26 yd³ Known Volume (to be entered by the operator at the end of the haul): 70 yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young for RLY TITLE Land Farm Supervisor DATE 5-23-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Henry G. Faust TITLE Geologist DATE 6/29/95

APPROVED BY Emm? Bush TITLE u DATE u

CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

91364-10

5796 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: Can You Large #291 unit D, sec 12, T24N, R6W
Source: Location clean up (well site)
Disposal Location: Envirotech Soil Remediation Facility. (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Meridian Oil Inc.
concur with the status of the waste from the subject site.

Name Craig A. Bock
Title/Agency Environmental Representative
Address P.O. Box 4289, Farmington, NM
87499-4289
Signature C. A. Bock
Date 4/21/95

Exempt Waste Manifest
Meridian Oil Inc.

PO Box 4289, Farmington, NM 87499

91364-10

Safety and
Environmental

1. Waste Location: Lease/Well No. Canyon Largo unit #291
unit D, Sec 12, T24N, R6W

2. Volume: 26 Cubic Yards _____ Barrels _____ Gallons

3. Description of Waste: Crude oil contaminated soil.

4. Method of Waste Generation: Misc. Spills & leaks
around Production tanks & Equipment.

5. Disposal Facility: Envirotech.

6. Disposal Cost: \$16/yd³

7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal C. A. Back Date 5/21/95
(signature)

MOI
Representative

Transportation Company: Bill Moss Excavation

Date(s) Transported: 5-23-95

MOI Representative on Site Janna A. Work Date 5-23-95
(signature)

Disposal Facility
Complete and
return to
Meridian
Safety and
Environmental
with invoice.

Date(s) Received: 5/23/95 - 5/24/95

Total Volume Received: 70 cubic Yards

Waste Location: Cell/Grid No. Landfarm #2 D-19

Received By: Envirotech.
(signature)

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter CE & A	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator Meridian Oil	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site SJ 32-9 21A	
7. Originating Location of Material (Street Address or ULSTR) San Juan 32-9 #21A well site. T3IN RIDGE - 11E	8. State New Mexico	

9. Check One

☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; certificate per job.

☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.

☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Date(s) for Transportation: 6-20-95

BRIEF DESCRIPTION OF THE MATERIAL:

Soil contaminated by overflow of condensate tank

OK as exempt waste
Valid OK to Denny
7/11/95 RY

RECEIVED JUL 21 1995
OIL CON. DIV. DIST. 3

RECEIVED JUN 26 1995
OIL CON. DIV. DIST. 3

Estimated Volume 20 yd³ Known Volume (to be entered by the operator at the end of the haul): _____

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 6-23-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Faunt TITLE Geologist DATE 6/27/95

APPROVED BY Ernie Busch TITLE DATE 2

CONDITIONS OF APPROVAL, IF ANY: Approval based on spill from truck never leaving location

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ 5/30 (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter Envirotech	
2. Destination Landfarm #2, Envirotech Soil Remediation Facility	5. Generator Meridian Oil Inc. 92197	
3. Address of Facility Operator 5796 US Hwy 64-3014, Farmington, NM 87401	6. Name of Originating Site Val Verde Plant	
7. Originating Location of Material (Street Address or ULSTR) A S14 T29N R11W, NMPM	8. State from NM to NM	

9. **Check One**

- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Dates(s) for Transportation:

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of MDEA charcoal Filter Media

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JUN 30 1995
OIL CON. DIV.
DIST. 3

Rec 7cy Charcoal 5/30/95 Box 6051
Placed in LF#2 D-20

Estimated Volume 9 yd³ Known Volume (to be entered by the operator at the end of the haul): 7 yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert M. Young TITLE Landfarm Supervisor DATE 5/30/95

TYPE OR PRINT NAME Robert M. Young TELEPHONE NO. (505) 632-0615

(This space for State Use)

APPROVED BY Dennis L. Feunt TITLE Geologist DATE 6/30/95

APPROVED BY Ernest Burch TITLE u DATE u

CONDITIONS OF APPROVAL, IF ANY:

Paperwork is late.

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: Val Verde Plant
Source: Charcoal Filter Media
Disposal Location: Envirotech Soil Remediation Facility (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Meridian Oil Inc.
concur with the status of the waste from the subject site.

Name Craig A. Beck
Title/Agency Environmental Representative
Address P.O. Box 4289
Farmington New Mexico 87499-4289
Signature C. A. Beck
Date 5/30/95

91364-9

1. RCRA Exempt: ☒ Non-Exempt: ☐
 Verbal Approval Received: Yes ☒ No ☐ ⁴⁻¹⁸⁻⁹⁵ ^{du} ^{Environ Bus #} ^{RMT}

4. Name of Transporter
 Dawn Trucking

2. Destination
 Land Farm # 2 Envirotech Soil Remediation Facility

5. Generator
 Maridian.

3. Address of Facility Operator
 5796 US Hwy. 64-3014 Farmington, NM 87401

6. Name of Originating Site
 KLEIN MESA Evap Unit.

7. Originating Location of Material (Street Address or ULSTR)
 Sec 3 T25N R6W

8. State
 New Mexico

9. Check One

- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport

- 5 - 9

BRIEF DESCRIPTION OF THE MATERIAL:

SANDY SOILS FROM PRODUCTION TANKS

Rec 4cy Contaminated Soil on
 5/9/95 Box 5829.
 Placed LF #2 D-19

RECEIVED
 JUN 28 1995

OIL CON. DIV.
 DIST. 3

Estimated Volume 4 yd³ Known Volume (to be entered by the operator at the end of the haul): 4 yd³
 I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young for RMT TITLE Land Farm Supervisor DATE 4-18-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny Z. Junt TITLE Geologist DATE 6/28/95

APPROVED BY Gene Bush TITLE u DATE u

CONDITIONS OF APPROVAL, IF ANY: Note shipping dates - Rob Young needs to stay on top of paperwork.

ENVIROTECH INC.

91364-9

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: Klien Massa Evaporation Unit
Source: Sec 3, T 25N, R 6W Rinsing out a production tank.
Disposal Location: Envirotech Soil Remediation Facility. (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Meridian Oil Inc.
concur with the status of the waste from the subject site.

Name C. Beck
Title/Agency Environmental Representative
Address P.O. Box 4289, Farmington,
NM 87409
Signature C. Beck
Date 4/10/95

Exempt Waste Manifest

Meridian Oil Inc.

PO Box 4289, Farmington, NM 87499

91364-9

Safety and
Environmental

1. Waste Location: Lease/Well No. Mesa
Klein Evaporation unit
Sec 3, T25N, R6W
2. Volume: 4 Cubic Yards Barrels Gallons
3. Description of Waste: Sandy solids from production tanks
4. Method of Waste Generation: Cleaning the inside of production tanks.
5. Disposal Facility: Envirotech
6. Disposal Cost: \$16/yd
7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal

C. A. Bink
(signature)

Date 4/18/95

MOI
Representative

Transportation Company: Dawn Trucking

Date(s) Transported: 4/18/95

MOI Representative on Site

C. A. Bink
(signature)

Date 4/18/95

Disposal Facility

Complete and

return to

Meridian

Safety and

Environmental

with invoice.

Date(s) Received: 5/9/95

Total Volume Received: 4 cu

Waste Location: Cell/Grid No. LF#2 D-19

Received By: Niel Winkerton

(signature)

Revised January 16, 1994

92242-04

1. RCRA Exempt: ☒ Non-Exempt: ☐
 Verbal Approval Received: Yes ☒ No ☐

Var
 Danny Faust
 5-23-95
 8:15

4. Name of Transporter

Sunco

2. Destination

Land Farm # 2 Envirotech Soil Remediation Facility

3. Address of Facility Operator

5796 US Hwy. 64-3014 Farmington, NM 87401

7. Originating Location of Material (Street Address or ULSTR)

O, Sec 9, T24N, R3W, Rio Arriba County, N.M.

5. Generator

MOBILE OIL

6. Name of Originating Site

LINOREM, B #25 SWD

8. State

New Mexico

9. Check One

- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport

BRIEF DESCRIPTION OF THE MATERIAL:

BOTTOM sediments and waste from the clean up of
 slop oil Tank #4151 (210 bbl Tank) & unnumbered water receiving tank (750 bbl)
 To LF#2 Blending Facility.

Rec 5/24/95 40 bbl sludge, blended in Blending Facility BOL 6028
 Transferred 5/25/95 40cy stabilized material into LF#2 H-14.

RECEIVED
 JUN 30 1995
 OIL CON. DIV.
 DIST. 3

Estimated Volume 60 wet bbl yd³ Known Volume (to be entered by the operator at the end of the haul): 40cy. yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 5-23-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Danny Faust TITLE Geologist DATE 6/30/95

APPROVED BY Ernie Busch TITLE DATE

CONDITIONS OF APPROVAL IF ANY: Paperwork is late.

ENVIROTECH INC.

92242-04

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

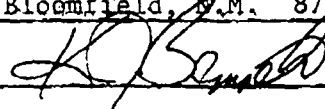
UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: Mobil E&P U.S. Inc.
Source: Lindrith "B" Unit #25 SWD
Disposal Location: Envirotech Soil Remediation Facility. (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Mobil Oil E&P U.S. Inc.
concur with the status of the waste from the subject site.

Name Kirk J. Bennett
Title/Agency Mobil Oil E&P U.S. Inc.
Address P.O. Box 185
Bloomfield, N.M. 87413
Signature 
Date May 23, 1995

05-23-95 08:50AM FROM MOB BLOOMFIELD

92242-04²⁰³

Submit 5 copies to Appropriate District Office

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-117 A

Revised 4-1-91

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

PERMIT NO. _____

TANK CLEANING, SEDIMENT OIL REMOVAL, TRANSPORTATION OF MISCELLANEOUS HYDROCARBONS AND DISPOSAL PERMIT

Operator or Owner Mobil E&P U.S. Address PO Box 185 Bloomfield, NM 87411Lease or Facility Name Lindrieth B. Unit #25 SWD Location 0-09-24N-3W Rio Arriba

U.L. - Sec. - Twp. - Rge.

OPERATION TO BE PERFORMED:

☒ Tank Cleaning ☐ Sediment Oil Removal ☐ Transportation of Miscellaneous HydrocarbonsOperator or Owner Representative authorizing work KJ BennettDate Work to be Performed 5-24-95TANK CLEANING DATA Tank Number 4151Volume 210Tank Type Steel - Cone bottomVolume Below Load Line 15

SEDIMENT OIL OR MISCELLANEOUS HYDROCARBON DATA

Sediment Oil from: ☐ Pit ☐ Cellar ☐ Other

MISCELLANEOUS OIL

Tank Bottoms From: ☐ Pipeline Station ☐ Crude Terminal ☐ Refinery ☒ Other*Catchings From: ☐ Gasoline Plant ☐ Gathering Lines ☐ Salt Water Disposal System ☐ Other*Pipeline Break Oil or Spill ☐*Other (Explain) Slop oil tank

VOLUME AND DESTINATION:

Estimated Volume 10 Bbls.

Field test volume of good oil _____ Bbls.

(Not required prior to Division approval)

Destination (Name and Location of treating plant or other facility) Envirotech Land Farm #2 Hilltop, NMBleeding facility for stabilization

DESTRUCTION OF SEDIMENT OIL BY:

(Explain) Land Farm ☐ Burning ☐ Pit Disposal ☐ Use on Roads or firewalls ☒ Other

Location of Destruction _____

Justification of Destruction Not treatable as hydrocarbon

CERTIFICATION: (APPLICATION MAY BE MADE BY EITHER OF THE FOLLOWING)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Owner Mobil E&P U.S.Transporter Sunco Trucking CompanyBy KJ BennettAddress 708 S. Tucker, Farmington, NMTitle Production TechnicianSignature B7461Date 5-23-95

Title _____ Date _____

OIL CONSERVATION DIVISION

Approved By _____ Title _____ Date _____

A COPY OF THIS FORM MUST BE ON LOCATION DURING TANK CLEANING, REMOVAL OF SEDIMENT OIL OR MISCELLANEOUS HYDROCARBONS, AND MUST BE PRESENTED WITH TANK BOTTOMS, SEDIMENT OIL OR MISCELLANEOUS HYDROCARBONS AT THE TREATING PLANT TO WHICH IT IS DELIVERED.

DISTRIBUTION BY OCD	
	Santa Fe
	Pile
	Operator

92197

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ <i>Busch</i> Verbal Approval Received: Yes ☒ No ☐ 6/28 (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter Envirotech	
2. Destination Landfarm #2, Envirotech Soil Remediation Facility	5. Generator Meridian Oil Inc.	
3. Address of Facility Operator 5796 US Hwy 64-3014, Farmington, NM 87401	6. Name of Originating Site Val Verde Plant	
7. Originating Location of Material (Street Address or ULSTR) A S14 T29N R11W, NMPM	8. State from NM to NM	
9. Check One ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for Transportation:		

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of MDEA charcoal Filter Media

*Rec 18 cu charcoal
6/28/95. Doc 6/68,
LF#2 D-20*

RECEIVED
JUL - 7 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 18 yd³ Known Volume (to be entered by the operator at the end of the haul): 18 yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert M. Young TITLE Landfarm Supervisor DATE 6/28/95TYPE OR PRINT NAME Robert M. Young TELEPHONE NO. (505) 632-0615

(This space for State Use)

APPROVED BY Denny G. Fount TITLE Geologist DATE 7/7/95APPROVED BY Ernie Busch TITLE cc DATE c

CONDITIONS OF APPROVAL, IF ANY:

Exempt Waste Manifest Meridian Oil Inc.

PO Box 4289, Farmington, NM 87499

Safety and
Environmental

1. Waste Location: Lease/Well No. Val verde Plant
2. Volume: 18 Cubic Yards Barrels Gallons
3. Description of Waste: TEG & MDEA Contaminated
soil. NO Free Liquids.
4. Method of Waste Generation: Leak & Spills
around equipment.
5. Disposal Facility: Enviro Tech
6. Disposal Cost: \$16 yds
7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal

C. A. Beck
(signature)

Date 6/27/95

MOI
Representative

Transportation Company:

Enviro Tech Inc.

Date(s) Transported:

6-28-95

MOI Representative on Site

Bert Henderbun
(signature)

Date 6-28-95

Disposal Facility
Complete and
return to
Meridian
Safety and
Environmental
with invoice.

Date(s) Received:

6-28-95

Total Volume Received:

18 yds.

Waste Location: Cell/Grid No.

Received By:

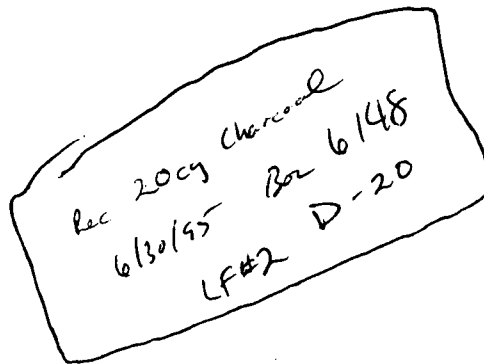
Timothy R. Smith
(signature)

92197

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ D Foust 6/30 (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter Envirotech	
2. Destination Landfarm #2, Envirotech Soil Remediation Facility	5. Generator Meridian Oil Inc.	
3. Address of Facility Operator 5796 US Hwy 64-3014, Farmington, NM 87401	6. Name of Originating Site Val Verde Plant	
7. Originating Location of Material (Street Address or ULSTR) A S14 T29N R11W, NMPM	8. State from NM to NM	
9. Check One ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for Transportation:		

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of MDEA charcoal Filter Media



RECEIVED
JUL - 7 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 12 yd³ Known Volume (to be entered by the operator at the end of the haul): 20 yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert M. Young TITLE Landfarm Supervisor DATE 6/30/95

TYPE OR PRINT NAME Robert M. Young TELEPHONE NO. (505) 632-0615

(This space for State Use)

APPROVED BY Denny G. Faint TITLE Geologist DATE 7/7/95

APPROVED BY Steve Burch TITLE u DATE u

CONDITIONS OF APPROVAL, IF ANY:

425

Exempt Waste Manifest

Meridian Oil Inc.

PO Box 4289, Farmington, NM 87499

Safety and
Environmental

1. Waste Location: Lease/Well No. Val Verde Plant
2. Volume: 20 ~~3~~ Cubic Yards Barrels Gallons
3. Description of Waste: Charcoal Filter media
Some Dirt Amine Cont.
4. Method of Waste Generation: Charcoal is used to filter
MDEA which removes CO₂ from field gas.
5. Disposal Facility: Envirotech
6. Disposal Cost: \$16 / yd³
7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal

G. H. Beck
(signature)

Date 6/27/95

MOI
Representative

Transportation Company: EnvirotechDate(s) Transported: 6-30-95

MOI Representative on Site

Roughland
(signature)

Date 6-30-95

Disposal Facility
Complete and
return to
Meridian
Safety and
Environmental
with Invoice.

Date(s) Received: Total Volume Received: Waste Location: Cell/Grid No.

Received By:

J. A. Mueller
(signature)

04047

EQU

1. RCRA Exempt: ☒ Non-Exempt: ☐
 Verbal Approval Received: Yes ☐ No ☒

4. Name of Transporter

DOUG FOUTZ

2. Destination

Land Farm # 2 Envirotech Soil Remediation Facility

5. Generator

EL PASO NATURAL

3. Address of Facility Operator

5796 US Hwy. 64-3014 Farmington, NM 87401

6. Name of Originating Site

VARIOUS PITS

7. Originating Location of Material (Street Address or ULSTR)

8. State

New Mexico

e h List

9. Check One

- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport

J 95

BRIEF DESCRIPTION OF THE MATERIAL:

Contaminated SOIL (EXEMPT) FROM various dehydrator and
 drip pits in the State of New Mexico.

RECEIVED
 JUL 18 1995

OIL CON. DIV.
 DIST. 3

Estimated Volume 910 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 7/17/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny L. Foutz TITLE Geologist DATE 7/25/95

APPROVED BY Ernie Busch TITLE u DATE u

CONDITIONS OF APPROVAL, IF ANY: Corrected EPWG listing

JUNE 1995
LANDFARM #2

TOTAL YARDAGE THIS PAGE:		910
--------------------------	--	-----

ENVIROTECH INC.

RECEIVED JUL 11 1995

04047

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: A list of pit closure sites is attached. June 1995

Source: various dehydrator and drip pits in the State Of New Mexico.

Disposal Location: Envirotech Soil Remediation Facility, (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned as the agent for the El Paso Natural Gas Company concur with the status of the waste from the subject site.

Name Sandra D. Miller

Title/Agency Superintendent/Compliance Engineering
P.O. BOX 4990

Address Farmington NM 87499-99

Signature *Sandra D Miller*

Date 7/10/95

SENT BY:EPNG

Revised 7/19/95

505-632-1865

JIROTECH INC

: 7-19-95 : 8:33PM :EL PASO NATURAL

36 P01

JUL 24 '95 08:42
SUB 032 1000: # 2/ 2

Envirotech

7/19/96

CLOSED	METER	METER2	LOCATION	S T R L
6/21/85	N/A		Lindith Pkg Sys Drip Y-1	18-24-B-P
6/29/85	74892	Phas2	Lindith Unit #23	9-24-3
7/11/95	93370		Chabon Amiga #2	2-23-3-1

CLOSED	METER	METER2	LOCATION	S T R L
6/21/95	N/A		Lindrith Pig Sys Drip Y-1	18-24-5-P
6/29/95	74692	Phas2	Lindrith Unit #23	9-24-3

District I - (505) 393-6161
P.O. Box 1940
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-138
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

04047

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☒ Non-Exempt: ☐	4. Generator <i>EL Paso Natural Gas</i>
Verbal Approval Received: Yes ☒ No ☐ <i>Denny Foutz previous agreement</i>	5. Originating Site <i>VARIOUS PITS</i>
2. Management Facility Destination <i>Landfarm #2 Landfarm #4 Enviro Tech</i>	6. Transporter <i>Doug Foutz / Enviro Tech</i>
3. Address of Facility Operator <i>5796 US Hwy 64-3014 Farmington, NM 87401</i>	8. State <i>New Mexico</i>
7. Location of Material (Street Address or ULSTR) <i>See Attached List</i>	
9. Circle One: ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport. <i>August 1995</i>	

BRIEF DESCRIPTION OF MATERIAL:

Contaminated Soil (Exempt) from various dehydrator and drip pits in the State of New Mexico for August 1995

RECEIVED
SEP 29 1995

OIL CON. DIV.
DIST. 3

Estimated Volume 19512 cy Known Volume (to be entered by the operator at the end of the haul) 19512 cy

SIGNATURE: *Robert M. Young* TITLE: *Landfarm Supervisor* DATE: *9/29/95*
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: *ROBERT M. YOUNG* TELEPHONE NO. *505 632 0615*

(This space for State Use)

APPROVED BY: *Denny G. Foutz* TITLE: *Geologist* DATE: *10/2/95*
APPROVED BY: *Steve Bruch* TITLE: DATE:

ENVIRONMENTAL SOIL REMEDIATION FACILITY
HILLTOP, NEW MEXICO
EPNG (04047) TRACKING LOG 7/95

JULY 1995
LANDFARM #2

COORDINATES T-R-S-L	METER # (s)	PIT NAME	SHIPMENT DATE	CLOSURE DATE	QUANTITY CUBIC YARDS	DESTINATION (LANDFARM : CELL)
23-2-18-J	N/A	2C-140 LINEDRIP	08/01/95	08/03/95	206	LF #2: V-3, W-3
23-2-18-A	94680	MOBIL APACHE 18-2	08/01/95	08/03/95	130	LF #2: V-3
23-2-8-G	N/A	2C-136 LINEDRIP	08/01/95	08/03/95	122	LF #2: V-3, W-3
23-2-8-K	75100	JICARILLA M-157 #3	08/01/95	08/03/95	50	LF #2: W-3
23-2-18-J	N/A	2C-140 LINEDRIP	08/02/95	08/03/95	326	LF #2: W-3, X-3, Y-3, Z-3
23-2-8-K	75100	JICARILLA M 157-3	08/02/95	08/03/95	146	LF #2: W-3, X-3, Y-3
23-2-8-G	N/A	2C-136 LINEDRIP	08/02/95	08/03/95	378	LF #2: X-3, Y-3
23-2-8-G	73668	JICARILLA M-157 #1	08/02/95	08/03/95	162	LF #2: Y-3, Z-3
23-3-21-I	89540	CHACON JICARILLA D-6	08/03/95	08/04/95	298	LF #2: Z-3, AA-3, BB-1
23-2-4-G	73671	JICARILLA K-157 #1	08/03/95	08/03/95	268	LF #2: Z-3, AA-3, BB-1
23-3-21-I	89540	CHACON JICARILLA D-6	08/04/95	08/04/95	64	LF #2: BB-2, S-4
23-3-21-G	N/A	LAT 2C 155 LINEDRIP	08/04/95	08/07/95	118	LF #2: BB-2, S-4
23-2-4-G	73671	JICARILLA K-157 #1	08/04/95	08/04/95	240	LF #2: BB-2, S-4
23-2-4-A	N/A	2C-136 LINEDRIP	08/04/95	08/07/95	110	LF #2: S-4
23-3-21-G	N/A	2C-155 LINEDRIP	08/07/95	08/07/95	202	LF #2: S-4, T-4
23-3-21-L	N/A	2C-80 LINEDRIP	08/07/95	08/08/95	638	LF #2: S-4, T-4, U-4, V-4, W-4
23-2-4-A	N/A	2C-136 LINEDRIP	08/07/95	08/07/95	90	LF #2: S-4
23-3-21-G	N/A	2C-155 LINEDRIP	08/07/95	08/07/95	148	LF #2: S-4, T-4
23-4-14-I	94881	JICARILLA S 14 #47 CPM	08/07/95	08/07/95	186	LF #2: T-4, U-4, W-4
23-4-14-J	N/A	2C-150 LINEDRIP	08/07/95	08/08/95	214	LF #2: T-4, V-4, W-4
27-8-25-O	90862	HAMMOND #92	08/07/95	08/07/95	80	LF #3: C-12
27-8-36-H	90613	BURROUGHS COM #1	08/07/95	08/07/95	20	LF #3: C-12
		TRANSFER 80cy-HAMMOND #92 FROM LF #3 TO LF #2	08/08/95	N/A	80	LF #2: N-11
		TRANSFER 20cy-BURROUGHS COM#1 FROM LF#3 TO LF#2	08/08/95	N/A	20	LF #2: N-11
23-4-14-J	N/A	2C-150 LINEDRIP	08/08/95	08/08/95	44	LF #2: V-4, W-4, X-4, Y-4, T-13
23-3-21-L	N/A	2C-80 LINEDRIP	08/08/95	08/08/95	172	LF #2: V-4, W-4, X-4
23-4-21-O	94406	JICARILLA 393 B#1	08/08/95	08/09/95	318	LF #2: V-4, W-4, X-4, T-13, AA-5
24-4-21-O	89589	JICARILLA 363 #1	08/08/95	08/09/95	126	LF #2: Y-4, T-13, AA-5
23-4-21-M	89495	APACHE FLATS #1	08/08/95	08/10/95	56	LF #2: AA-5
23-4-29-A	90118	JICARILLA 428 #6	08/08/95	08/10/95	94	LF #2: AA-5, T-12
24-4-3-M	89671	APACHE FLATS #4	08/08/95	08/10/95	54	LF #2: T-12, AA-5
27-8-25-O	90862	HAMMOND #92	08/08/95	08/07/95	210	LF #2: N-10
27-8-36-H	90613	BURROUGH COM #1	08/08/95	08/07/95	30	LF #2: N-10
27-8-36-H	90613	BURROUGH COM #1	08/09/95	08/07/95	190	LF #2: N-11
27-8-26-G	72405	E. HAMMOND #7	08/09/95	08/09/95	160	LF #2: N-11
23-4-21-M	89495	APACHE FLATS #1	08/09/95	08/10/95	250	LF #2: T-9&10, T-11&12, T-13&1
23-4-28-I	89497	APACHE FLATS #11	08/09/95	08/10/95	432	LF #2: T-9&10, T-11&12, T-13&1
23-4-29-A	90118	JICARILLA 428 #6	08/09/95	08/10/95	182	LF #2: T-10&11, T-12&13, T-14
23-4-28-F	89671	APACHE FLATS #4	08/09/95	08/10/95	82	LF #2: T-9, T-10
23-4-28-I	89497	APACHE FLATS #11	08/10/95	08/10/95	332	LF #2: T-7, T-8, T-9
23-4-28-F	89671	APACHE FLATS #4	08/10/95	08/10/95	244	LF #2: T-7 & 8, T-9 & 11
23-4-28-M	89672	APACHE FLATS #3	08/10/95	08/10/95	110	LF #2: T-8, T-9
23-4-28-B	89496	APACHE FLATS #7	08/10/95	08/11/95	236	LF #2: T-7
27-7-31-M	70079	HARRINGTON #1	08/11/95	08/11/95	276	LF #2: N-10, N-11
25-6-24-C	95156	CANYON LARGO 336	08/11/95	08/14/95	234	LF #2: N-11
25-5-19-D	74385	JICARILLA #67-3	08/14/95	08/17/95	230	LF #2: T-5, U-5, V-5
25-5-19-H	02388	JICARILLA #67-6	08/14/95	08/17/95	294	LF #2: T-5, U-5, V-5
25-5-20-G	74870	JICARILLA #67-7	08/14/95	08/16/95	216	LF #2: T-5, U-5, V-5
25-5-19-D	74385	JICARILLA #67-3	08/15/95	08/17/95	118	LF #2: T-6, U-6
25-5-19-H	02388	JICARILLA #67-6	08/15/95	08/17/95	252	LF #2: T-6, U-5, V-6
25-5-20-G	74870	JICARILLA #67-7	08/15/95	08/16/95	164	LF #2: V-6, U-5
25-5-18-K	94633	JICARILLA APACHE #F-15	08/15/95	08/17/95	130	LF #2: U-5, V-5
25-5-27-E	71605	JICARILLA #C-8	08/15/95	08/16/95	252	LF #2: U-5, V-5
25-5-28-A	74427	JICARILLA #C-4	08/16/95	08/17/95	250	LF #2: V-10, U-10
25-5-27-A	89358	JICARILLA #C-14	08/16/95	08/16/95	372	LF #2: V-10, U-10, V-11
25-5-27-G	93976	JICARILLA #C-31	08/16/95	08/18/95	36	LF #2: U-10
25-5-28-H	75530	JICARILLA #C-18	08/16/95	08/17/95	60	LF #2: V-11
25-5-18-K	94633	JICARILLA APACHE #F-15	08/16/95	08/17/95	40	LF #2: V-11
25-5-27-E	71605	JICARILLA #C-8	08/16/95	08/16/95	36	LF #2: U-11
25-5-18-J	74553	JICARILLA #F-4CH	08/17/95	08/21/95	170	LF #2: W-10, W-11
25-5-27-G	93976	JICARILLA #C-31	08/17/95	08/18/95	304	LF #2: W-10, W-11, U-9, V-10
25-5-17-J	N/A	JICARILLA #2C-41	08/17/95	08/21/95	244	LF #2: V-9, W-11, U-9, V-10
25-5-28-A	74427	JICARILLA #C-4	08/17/95	08/17/95	110	LF #2: U-9, V-10
25-5-28-H	75530	JICARILLA #C-18	08/17/95	08/17/95	10	LF #2: V-10
25-5-18-J	74553	JICARILLA #F-4CH	08/18/95	08/21/95	290	LF #2: T-6, T-5, V-6, W-9, W-10
25-5-17-J	N/A	JICARILLA #2C-41	08/18/95	08/21/95	274	LF #2: U-9, T-6, W-6, V-9, W-10, W-9
25-5-29-A	74864	JICARILLA #67-8	08/18/95	08/22/95	324	LF #2: V-9, W-10, W-9
25-5-17-J	N/A	JICARILLA #2C-41	08/21/95	08/21/95	54	LF #2: W-8, X-8
25-5-29-A	74864	JICARILLA #67-8	08/21/95	08/22/95	36	LF #2: W-8, X-8
25-5-21-M	74426	JICARILLA C #3	08/21/95	08/21/95	126	LF #2: X-8, X-9
25-5-27-I	74803	JICARILLA #2C-19	08/21/95	08/22/95	28	LF #2: X-8, X-9
25-5-3-C	N/A	JICARILLA #2C-57	08/21/95	08/25/95	198	LF #2: X-6, X-9

TOTAL YARDAGE THIS PAGE:

12422

JULY 1995
LANDFARM #2

TOTAL YARDAGE THIS PAGE:
TOTAL YARDAGE THIS MONTH:

PAGE 2

9/25/95	Revised		Envirotech	
Closed	Meter	Meter2	Location	STRL
8/3/95	94680		Mobile Apache 18 #2	18-23-2-A
8/3/95	73688		Jicarilla M 157 #1	8-23-2-G
8/3/95	N/A		2C-136 Line Drip	8-23-2-G
8/3/95	75100		Jicarilla M-157 #3	8-23-2-K
8/4/95	89540		Chacon Jicarilla D #6	21-23-3-I
8/4/95	73671		Jicarilla K-157 #1	4-23-2-G
8/7/95	70613		Burroughs Com #1	36-27-8-H
8/7/95	90862		Hammond #92	25-27-8-O
8/7/95	94881		Jicarilla S 14 #47 CPM	14-23-4-I
8/7/95	N/A		2C-136 Line Drip	4-23-2-A
8/7/95	N/A		2C-155 Line Drip	21-23-3-G
8/8/95	72405		Hammond #7	26-27-8-G
8/8/95	N/A		Lateral 2C-150 Line Drip	14-23-4-J
8/8/95	N/A		Lateral 2C-80 Drip Y1	21-23-3-L
8/9/95	94406		Jicarilla 393 B#1	21-23-4-O
8/9/95	89589		Jicarilla 363 #1	21-24-4-O
8/10/95	90118		Jicarilla 428-6	29-23-4-A
8/10/95	89495		Apache Flats #1	21-23-4-M
8/10/95	89672		Apache Flats #3	28-23-4-M
8/10/95	89671		Apache Flats #4	28-23-4-F
8/10/95	89497		Apache Flats #11	28-23-4-I
8/11/95	89496		Apache Flats #7	28-23-4-B
8/16/95	89358		Jicarilla C #14	27-25-5-A
8/16/95	74870	67087	Jicarilla #87-7 PC	20-25-5-G
8/16/95	71605		Jicarilla C #8	27-25-5-E
8/17/95	74427		Jicarilla C #4	28-25-5-A
8/17/95	75530		Jicarilla C #18	28-25-5-H
8/17/95	74385		Jicarilla #67-3	19-25-5-D
8/17/95	02388		Jicarilla #67-6 PC	19-25-5-H
8/17/95	94633		Jicarilla Apache F #15	18-25-5-K
8/18/95	93976		Jicarilla C #31	27-25-5-G
8/21/95	14305		Jicarilla Apache F #4 CH	18-25-5-J
8/21/95	N/A		2C-41 Line Drip	17-25-5-J
8/21/95	74426		Jicarilla C #3	21-25-5-M
8/21/95	N/A		Lateral 2C-29	22-25-5-O
8/22/95	71910		San Juan Unit #73-MV	28-28-7-A
8/22/95	74803	14100	Jicarilla C #19 CH	27-25-5-I
8/22/95	74864		Jicarilla #67-8	29-25-5-A
8/24/95	74347		Jicarilla Apache A #3 CH	23-25-5-N
8/24/95	74687		Jicarilla E #9	19-25-4-D
8/24/95	N/A		K-17 Line Drip	26-27-8-C
8/25/95	74813		Jicarilla C Comp Disch	28-25-5-N
8/25/95	N/A		2C-57 Line Drip	3-25-5-C
8/25/95	74387		Jicarilla #3E	18-25-4-N
8/30/95	95934		Jicarilla Contract 148 #42	24-25-5-E
8/30/95	74554		Jicarilla #4E	18-25-4-J
8/30/95	N/A		2C-87 Line Drip	22-26-5-P
8/30/95	89201		Jicarilla Apache #10 PC	27-26-5-B
8/31/95	72782		Jicarilla C-17 PC	28-25-5-D
8/31/95	02125		Jicarilla C#11 PC	27-25-5-C
8/31/95	71617		Jicarilla C #7	21-25-5-P
8/31/95	71619		Jicarilla C #10 CH	22-25-5-M
8/31/95	71618		Jicarilla c #10-PC	22-25-5-M
8/11/95	70079		Harrington #1	31-27-7-M
8/14/95	95156		Canyon Largo Unit #336	24-25-6-C
8/29/95	94967		Lindrith B #24	9-24-3-N
9/1/95	94784		Jicarilla C #33	21-25-5-L

SENT-BY:EPNG

9-29-95 :11:51AM :EL PASO NATURAL

3--

505 632 1865:# 3/ 3

9/8/95	95924	Jicarilla Contract 148 #38	23-25-5-H
9/8/95	95925	Jicarilla Contract 148 #39	24-25-5-E
9/8/95	72481	Jicarilla 67 #9 CH	29-25-5-I
8/3/95	N/A	2C-140 Lateral Line Drip	18-23-2-J
9/1/95	74557	Jicarilla Apache F #5 CH	16-25-5-J
9/12/95	72890	Ohio C Com #3 South Pit	26-28-11-P
8/1/95	N/A	Lindrith Pig System	18-24-5-P

P.O. Box 1940
Hobbs, NM 88241-1980
District II - (505) 748-1283
911 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

Energy Minerals and Natural Resource Department

New Mexico
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-1
Originated 4/1

Submit Original
Plus 1 (to approp)
District C

9.2132
RECEIVED
95 SEP 15 AM 8 52

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator <u>Halliburton</u>
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site <u>Main Yard</u>
2. Management Facility Destination <u>Envirotech Soil Remediation Facility - Landfarm #2</u>	6. Transporter <u>Envirotech</u>
3. Address of Facility Operator <u>5796 US Hwy 64-3014 Farmington NM 87401</u>	8. State <u>New Mexico</u>
7. Location of Material (Street Address or ULSTR) <u>4109 E. Main Farmington NM 87401</u>	
9. Circle One:	
A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.	
(B) All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved.	
All transporters must certify the wastes delivered are only those consigned for transport.	

Projected date
9/95

BRIEF DESCRIPTION OF MATERIAL:

Continuation of Solids collected from wash bag.

RECEIVED
SEP 12 1995
OIL CON. DIV.
DIST. 3

RECEIVED
SEP 20 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 50 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: Robert M. Young
Waste Management Facility Authorized Agent

TITLE: Landfarm Supervisor

DATE: 9/11/95

TYPE OR PRINT NAME: ROBERT M. YOUNG

TELEPHONE NO. 505 632-0615

SF 9/13/95

(This space for State Use)

APPROVED BY: Denny G. Zout

TITLE: Geologist

DATE: 9/13/95

APPROVED BY: C. J. Zout

TITLE: GEOLOGIST

DATE: 9-19-95

District I - (505) 393-6161
P.O. Box 1940
Tobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

92132

Form C-138
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator <i>Halliburton</i>
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site <i>Main Yard</i>
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SIGNATURE: *Robert M. Young* TITLE: *Landfarm Supervisor* DATE: *9/11/95*
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: *ROBERT M. YOUNG* TELEPHONE NO. *505 632-0615*

Santa Fe 9/13/95

(This space for State Use)

APPROVED BY: *Denny G. Zant* TITLE: *Geologist* DATE: *9/13/95*
APPROVED BY: _____ TITLE: _____ DATE: _____

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

92132

CERTIFICATE OF WASTE STATUS OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: Halliburton Energy Services 4109 E Main, Farmington

Source: WASH BAY SOLIDS

Disposal Location: Envirotech Soil Remediation Facility, (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

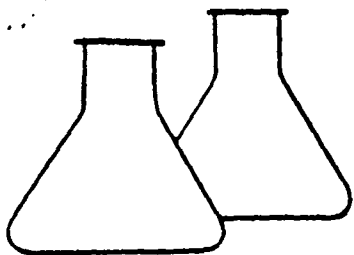
I, the undersigned, as the agent for Halliburton Energy Services concur with the status of the waste from the subject site.

Name Wayne M Brookshire
Title/Agency HR/HSE Coordinator

Address P.O. Box 659
Brighton Co. 80601

Signature Wayne M Brookshire

Date 09/11/95



ENVIROTECH LABS

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

SUSPECTED HAZARDOUS & SOLID WASTE ANALYSIS

Client:	Halliburton	Project #:	92132
Sample ID:	Wash Bay Solids	Date Reported:	11-21-94
Lab ID#:	7986	Date Sampled:	10-18-94
Sample Matrix:	Soil	Date Received:	10-18-94
Preservative:	Cool	Date Analyzed:	10-24-94
Condition:	Cool & Intact		

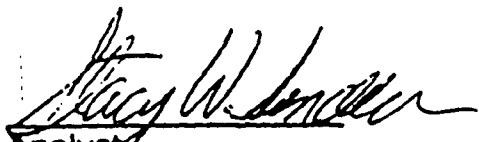
IGNITABILITY: Did not ignite upon direct contact with flame.

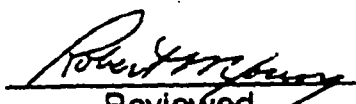
CORROSIVITY: pH of 7.45

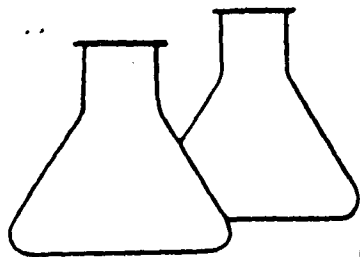
REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: $\leq$ pH 2 or $\geq$ pH 12.5 is hazardous waste
4109 E. Main, Farmington, NM.


Analyst


Reviewed



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 1311

TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	Halliburton	Project #:	92132
Sample ID:	Wash Bay Solids	Date Reported:	11-18-94
Laboratory Number:	7986	Date Sampled:	10-18-94
Sample Matrix:	Soil	Date Received:	10-18-94
Preservative:	Cool	Date Analyzed:	11-18-94
Condition:	Cool & Intact	Date Extracted:	10-24-94
Chain of Custody:	3964	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
ARSENIC	ND	0.01	5.000
BARIUM	ND	0.5	100.0
CADMIUM	0.23	0.04	1.000
CHROMIUM	0.013	0.01	5.000
LEAD	0.019	0.001	5.000
MERCURY	ND	0.002	0.200
SELENIUM	ND	0.01	1.000
SILVER	0.02	0.01	5.00

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

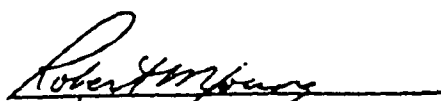
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

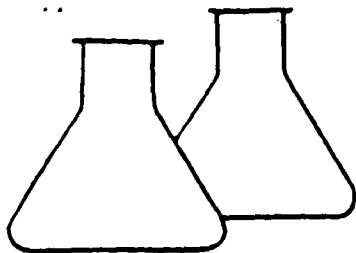
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: 4109 E. Main, Farmington, NM - Composite.


Analyst


Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHODS 8010/8020

AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	Halliburton	Project #:	92132
Sample ID:	#1 wash bay	Date Reported:	11-21-94
Laboratory Number:	7986TCLP.	Date Sampled:	10-18-94
Sample Matrix:	Soil	Date Received:	10-18-94
Preservative:	Cool	Date Extracted:	10-24-94
Condition:	Cool & Intact	Date Analyzed:	11-08-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
1,1-Dichloroethene	ND	0.018	0.7
2-Butanone	ND	0.013	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.007	0.5
Tetrachloroethene	ND	0.006	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromochloromethane	89 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

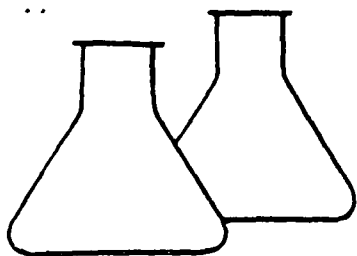
Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Halliburton Services Co. 4109 East Main, Farmington

Analyst

Review



ENVIROTECH LABS

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

EPA METHOD 8040 PHENOLS

Client:	Halliburton	Project #:	NA
Sample ID:	#1 wash bay	Date Reported:	11-22-94
Laboratory Number:	7986TCA.	Date Sampled:	NA
Sample Matrix:	Soil	Date Received:	NA
Preservative:	Cool	Date Extracted:	10-24-94
Condition:	Cool & Intact	Date Analyzed:	11-17-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	0.037	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	92 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

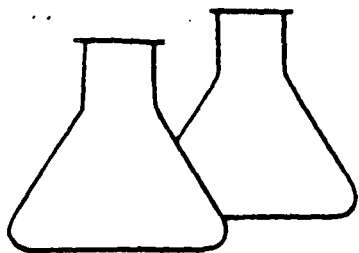
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Halliburton Services Co. #1 wash bay solids comp

Paul L. Haffner
Analyst

Harry W. Jendler
Review



ENVIROTECH LABS

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

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	Halliburton	Project #:	92132
Sample ID:	1 wash bay	Date Reported:	11-22-94
Laboratory Number:	7986BNTC.	Date Sampled:	10-18-94
Sample Matrix:	Soil	Date Received:	10-18-94
Preservative:	NA	Date Extracted:	10-24-94
Condition:	NA	Date Analyzed:	11-21-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.024	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	102 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Halliburton Services Co. 4109 east Main, Farmington

Ray E. Hoffman
Analyst

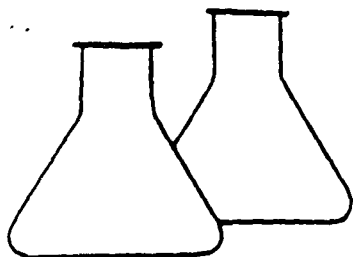
Stacy W. Smith
Review

ENVIROTECH LABORATORIES

5796 U.S. HIGHWAY 64-3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

QUALITY ASSURANCE/QUALITY CONTROL

DOCUMENTATION



ENVIROTECH LABS

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

TRACE METAL ANALYSIS - BLANKS

Client:	NA	Project #:	NA
Sample ID:	Blanks 10-24-94	Date Reported:	11-18-94
Laboratory Number:	MB1024	Date Sampled:	NA
Sample Matrix:	Liquid	Date Received:	NA
Preservative:	Cool	Date Analyzed:	11-18-94
Condition:	NA	Analysis Needed:	TCLP Metals
		Date Extracted:	10-24-94

Parameter	Instrument Blank (mg/L)	Method Blank (mg/L)	Det. Limit (mg/L)
ARSENIC	ND	ND	0.01
BARIUM	ND	ND	0.5
CADMIUM	ND	ND	0.04
CHROMIUM	ND	ND	0.01
LEAD	ND	ND	0.001
MERCURY	ND	ND	0.002
SELENIUM	ND	ND	0.01
SILVER	ND	ND	0.01

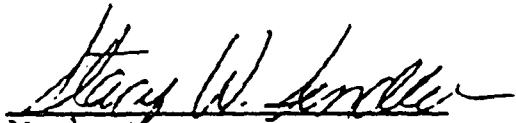
Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, Sept. 1992

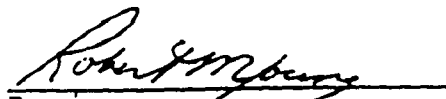
Methods 7060A, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA, 1992

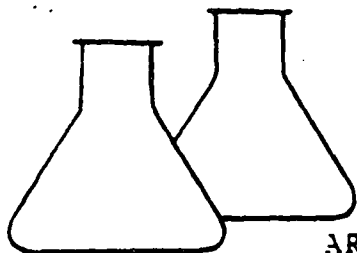
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND - Parameter not detected at the stated detection limit.

Comments: Lab Nos. 7986, 8007, 8009, 8011, 8020, 8038, QCCK1026.


Analyst


Review



ENVIROTECH LABS

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

AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	11-21-94
Laboratory Number:	1108TCV.BLK	Date Sampled:	NA
Sample Matrix:	Water	Date Received:	NA
Preservative:	NA	Date Analyzed:	11-08-94
Condition:	NA	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
2-Butanone	ND	0.013	200
1,1-Dichloroethene	ND	0.018	0.7
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.007	0.5
Tetrachloroethene	ND	0.006	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromochloromethane	103 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992

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

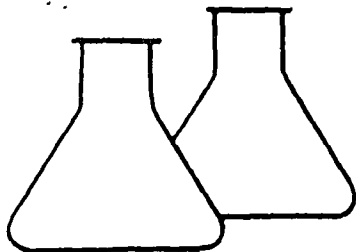
Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 7986, 8007, 8009, 8011, 8020, 8038

Rev. L. Haffin
Analyst

Steve W. Jendle
Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8040 PHENOLS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	11-21-94
Laboratory Number:	1117TCA.BLK	Date Sampled:	NA
Sample Matrix:	2-Propanol	Date Received:	NA
Preservative:	NA	Date Analyzed:	11-17-94
Condition:	NA	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	99 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

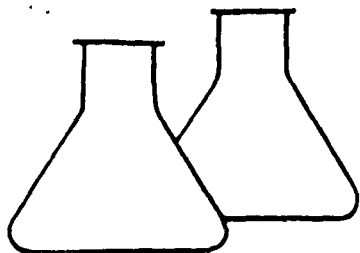
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8011, 8020, 8038, 8099

Analyst

Reviewer



ENVIROTECH LABS

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

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	11-21-94
Laboratory Number:	1121BNTC.BLK	Date Sampled:	NA
Sample Matrix:	Hexane	Date Received:	NA
Preservative:	NA	Date Extracted:	NA
Condition:	NA	Date Analyzed:	11-21-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.024	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	95 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

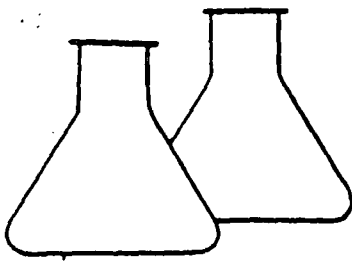
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8011, 8020, 8038, 8099

Analyst

Review



ENVIROTECH LABS

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

**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE
EPA METHOD 8010/8020 AROMATIC VOLATILE/HALOGENATED VOLATILE ORGANICS**

Client:	NA	Project #:
Sample ID:	Duplicate Sample	Date Reported: 11-21-94
Laboratory Number:	7986DUP.	Date Sampled:
Sample Matrix:	Soil	Date Received:
Analysis Requested:	TCLP	Date Analyzed: 11-08-94
Condition:	NA	

Parameter	Sample Result (ug/L)	Duplicate Sample Result (ug/L)	Percent Difference
Vinyl Chloride	ND	ND	0.0
1,1-Dichloroethene	ND	ND	0.0
2-Butanone	ND	ND	0.0
Chloroform	ND	ND	0.0
Carbon Tetrachloride	ND	ND	0.0
Benzene	ND	ND	0.0
1,2-Dichloroethane	ND	ND	0.0
Trichloroethene	ND	ND	0.0
Tetrachloroethene	ND	ND	0.0
Chlorobenzene	ND	ND	0.0
1,4-Dichlorobenzene	ND	ND	0.0

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.

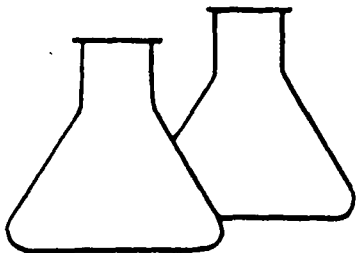
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples: 7986, 8007, 8009, 8011, 8020, 8038

Rebecca L. Griffin
Analyst

Tracey W. Perille
Review



ENVIROTECH LABS

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

** QUALITY ASSURANCE REPORT MATRIX DUPLICATE
EPA METHOD 8040 PHENOLS

Client:		Project #:	
Sample ID:	Duplicate sample	Date Reported:	11-22-94
Laboratory Number:	7986TCA	Date Sampled:	
Sample Matrix:	Soil	Date Received:	
Preservative:	Cool	Date Analyzed:	11-19-94
Condition:	Cool & intact	Analysis Requested:	TCLP

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Percent Difference
o-Cresol	ND	ND	0.0
cresol	ND	ND	0.0
2,4,6-Trichlorophenol	ND	ND	0.0
2,4,5-Trichlorophenol	ND	ND	0.0
Pentachlorophenol	0.037	0.030	19.0

QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

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

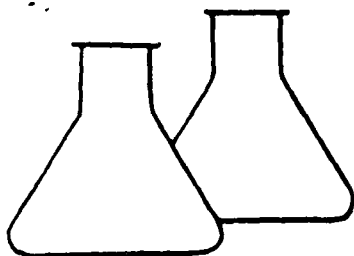
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8020, 8020, 8038, 8099

Rex L. Goffin
Analyst

Greg W. Smith
Review



ENVIROTECH LABS

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

**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE**
EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:		Project #:	
Sample ID:	Duplicate sample	Date Reported:	11-22-94
Laboratory Number:	8099 BNTC	Date Sampled:	
Sample Matrix:	Soil	Date Received:	
Preservative:	Cool	Date Analyzed:	11-21-94
Condition:	Cool & intact	Analysis Requested:	TCLP

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Percent Difference
Pyridine	ND	ND	0.0
Hexachloroethane	0.064	0.064	0.0
Nitrobenzene	ND	ND	0.0
Hexachlorobutadiene	ND	ND	0.0
2,4-Dinitrotoluene	ND	ND	0.0
Hexachlorobenzene	ND	ND	0.0

QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

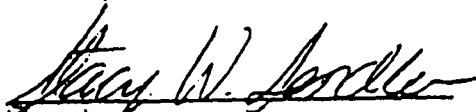
Method: Method 5030, Purge-and-Trap, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

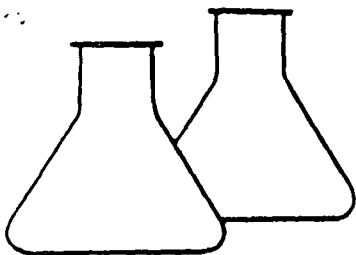
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8020, 8020, 8038, 8099


Analyst


Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615 • FAX: (505) 632-1865

QUALITY ASSURANCE REPORT

TRACE METAL ANALYSIS - MATRIX SPIKE

Client:	NA	Project #:	NA
Sample ID:	7986 SPK	Date Reported:	11-18-94
Laboratory Number:	7986	Date Sampled:	NA
Sample Matrix:	Liquid	Date Received:	NA
Analysis Requested:	Trace Metals	Date Analyzed:	11-18-94
Condition:	NA		

Parameter	Spike Added (mg/L)	Sample Result (mg/L)	Spiked Sample Result (mg/L)	Percent Recovery
ARSENIC	0.1000	ND	0.12	120
BARIUM	10.00	ND	10.1	101
CADMIUM	1.0000	0.23	0.92	69
CHROMIUM	0.1000	0.01	0.13	120
LEAD	0.1000	0.02	0.12	100
MERCURY	0.1000	ND	0.08	80
SELENIUM	0.1000	ND	0.07	70
SILVER	1.000	0.02	0.95	93

QA ACCEPTANCE CRITERIA:	Parameter	Acceptance Range %
	Trace Metals	80 - 120

Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND - Parameter not detected at the stated detection limit.

Comments: Spike recoveries for Cadmium and Selenium are slightly low.


Analyst


Review

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ <i>OCD Verbal</i> Verbal Approval Received: Yes ☒ No ☐ <i>9-18-95 15:25</i> <i>Johanne Robinson</i> (Subsubmitting this form for oilfield exempt waste is optional)	4. Name of Transporter Garcia & Sons	
2. Destination Envirotech Inc., Landfarm #2	5. Generator Benson-Martin-Greer Drilling	
3. Address of Facility Operator 5796 U.S. Hwy 64-3014, Farmington, NM 87401	6. Name of Originating Site La Plata Mancos #1 P-31	
7. Originating Location of Material (Street Address or ULSTR SE 1/4 SE 1/4, Sec 31, T32N, R13W, San Juan County	8. State New Mexico	

9. **Check One**

- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Dates(s) for Transportation: 9-19-95

BRIEF DESCRIPTION OF THE MATERIAL:

Cleanup of crude oil spill between pumping well and separator.

RECEIVED
SEP 20 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 3 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Harlan M. Brown for RAY TITLE LAND FARM MANAGER DATE 9-19-95

TYPE OR PRINT NAME HARLAN M. BROWN FOR ROBERT M. YOUNG TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Feint TITLE Geologist DATE 9/20/95
APPROVED BY Spencer Busch TITLE u DATE u

CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: La Plata Mancos #1 P-31
Source: Pumping well
Disposal Location: Envirotech Soil Remediation Facility, (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Benson - Martin - Green Drilling concur with the status of the waste from the subject site.

Name Jeffrey S. Sandoval
Title/Agency Lease operator
Address 501 Airport Drive
Farmington New Mexico 87401
Signature [Signature]
Date 9/18/95

92197

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ D.F.9/8/95 (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter Envirotech	
2. Destination Landfarm #2, Envirotech Soil Remediation Facility	5. Generator Meridian Oil Inc.	
3. Address of Facility Operator 5796 US Hwy 64-3014, Farmington, NM 87401	6. Name of Originating Site Val Verde Plant	
7. Originating Location of Material (Street Address or ULSTR) A S14 T29N R11W, NMPM	8. State from NM to NM	
9. Check One ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for Transportation: 9/11/95		

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of MDEA charcoal Filter Media

RECEIVED
SEP. 12 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 20 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Robert M. Young* TITLE Landfarm Supervisor DATE 9/11/95TYPE OR PRINT NAME Robert M. Young TELEPHONE NO. (505) 632-0615

(This space for State Use)

APPROVED BY *Denny G. Feant* TITLE Geologist DATE 9/13/95
APPROVED BY *Julie Bush* TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

92197

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: Val Verde plant
Source: Active Filtration
Disposal Location: Envirotech Soil Remediation Facility (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1983 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Meridian Oil Inc.
concur with the status of the waste from the subject site.

Name Craig A. Bock
Title/Agency Environmental Representative
Address P.O. Box 4289
Farmington New Mexico 87409-4289
Signature C. A. Bock
Date 9/2/95

92197

Exempt Waste Manifest
Meridian Oil Inc.
PO Box 4289, Farmington, NM 87499

Safety and
Environmental

1. Waste Location: Lease/Well No. Val Verde Plant
2. Volume: _____ Cubic Yards _____ Barrels _____ Gallons
3. Description of Waste: Charcoal Filter Media
4. Method of Waste Generation: Charcoal is used to filter the MDEA at the plant. MDEA is used to remove CO2 from the gas stream.
5. Disposal Facility: Enviro-tech
6. Disposal Cost: \$16 / yd.³
7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal

C. A. Boek
(signature)

Date 9/8/95

MOI
Representative

Transportation Company: _____

Date(s) Transported: _____

MOI Representative on Site

(signature)

Date _____

Disposal Facility

Complete and
return to
Meridian

Safety and
Environmental
with invoice.

Date(s) Received: _____

Total Volume Received: _____

Waste Location : Cell/Grid No. _____

Received By : _____

(signature)

Revised January 16, 1994

92115-03

1. RCRA Exempt: ☒ Non-Exempt: ☐
Verbal Approval Received: Yes ☒ No ☐ *DEC 42106 Johnny 9/17/95*

4. Name of Transporter

2. Destination

Land Farm # 2 Envirotech Soil Remediation Facility

5. Generator

IC HTH Injection Well

3. Address of Facility Operator

5796 US Hwy. 64-3014 Farmington, NM 87401

6. Name of Originating Site

S

7. Originating Location of Material (Street Address or ULSTR)

8. State

R) S34-T30N-R12W NMPM

M

9. Check One

- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport

9

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of Bottom Sludge from injection well

*Rec'd 9/14/95
600 BBL. stockpiled
stabilized & stockpiled
in Blending facility
Transferred 9/15/95
2. f 2 cells E 18.19.20
on MTL 77049*

RECEIVED
SEP. 12 1995
OIL CON. DIV.
DIST. 3

Estimated Volume

500661

yd³

Known Volume (to be entered by the operator at the end of the haul):

I hereby certify that the information above is true

and date

my

and date

SIGNATURE

Robert Young

TITLE

Land Farm Supervisor

DATE

9 8 9

TYPE OR PRINT NAME

Robert Young

TELEPHONE NO

505-632-0615

(This space for State Use)

APPROVED BY

Dennis R. Faint

TITLE

Geologist

DATE

APPROVED BY

Samuel B. Buel

TITLE

DATE

4

CONDITIONS OF APPROVAL IF ANY:

5796 U.S. HIGHWAY 64 • 3014

FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS
OILFIELD EXEMPT WASTE

Originating Location: McGuth SWD #4
Source: Solids Separation from incoming fluids
Disposal Location: Envirotech Soil Remediation Facility (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Meridian Oil Inc. concur with the status of the waste from the subject site.

Name Craig A. Beck
Title/Agency Environmental Rep
Address P.O. Box 1289, Farmington
NM, 87409
Signature C. A. Beck
Date 9/7/95

Exempt Waste Manifest
Meridian Oil Inc.

PO Box 4289, Farmington, NM 87499

92115-03

Safety and
Environmental

1. Waste Location: Lease/Well No. McGrath #4 SOD

2. Volume: _____ Cubic Yards 500 Barrels _____ Gallons

3. Description of Waste: Fluid Sludge

4. Method of Waste Generation: Filtration & Separation
of incoming Class II Fluids

5. Disposal Facility: Envirotech

6. Disposal Cost: \$16/yd³

7. This waste material complies with the definition of exempt waste as listed in
40 CFR 261.4.

Approval for Disposal [Signature] Date 9/2/95
(signature)

MOI
Representative

Transportation Company: _____

Date(s) Transported: _____

MOI Representative on Site _____ Date _____
(signature)

Disposal Facility
Complete and
return to
Meridian
Safety and
Environmental
with invoice.

Date(s) Received: _____

Total Volume Received: _____

Waste Location : Cell/Grid No. _____

Received By : _____
(signature)

Revised January 16, 1994

95041 Roger
Anderson

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter 8 Envirotech	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator AZ Grant & Lindsey	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site A-Z Grant Yard	
7. Originating Location of Material (Street Address or ULSTR) 3650 Bloomfield Hwy, Farmington, NM 87401	8. State NM	

9. Check One
- ☐ A. All requests for approval certificate per job.
- ☐ B. All requests for approval Generator and the Ne
- ☒ C. All requests for approval the material is non-haz will be approved.
- All transporters must

Projected Dates(s) for Transport
BRIEF DESCRIPTION OF THE MAT

Soil Contamin
the Cleaning
Field

NOTE

Approved for
Stockpile A-1

ONLY

Generator; c
us from the
per job.
rove
ig or testing
or transp.

with
e

-Resubmission of earlier denial

RECEIVED
SEP - 6 1995

OIL CON. DIV.
DIST. 3

RECEIVED
AUG 10 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 32 yd³ Known Volume (to be entered by the operator at the end of the haul):
I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 8/8/95
TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny Z. Fant TITLE Geologist DATE 8/11/95
APPROVED BY [Signature] TITLE GEOLOGIST DATE 9-1-95

CONDITIONS OF APPROVAL IF ANY: Paint waste has been taken out of request. Still not comfortable with analysis

95041

1. RCRA Exempt: ☐ Non-Exempt:Verbal Approval Received: Yes ☐ No ☒

4. Name of Transporter

envirotech

2. Destination

Land Farm # 2 Envirotech Soil Remediation Facility

5. Generator

AZ Grant & Lindsey

3. Address of Facility Operator

5796 US Hwy. 64-3014 Farmington, NM 87401

6. Name of Originating Site

A-Z Grant 1 and

7. Originating Location of Material (Street Address or ULSTR)

650 Bloomfield Hwy Farmington NM 87401

8. State

NM

9. Check One☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport

BRIEF DESCRIPTION OF THE MATERIAL:

Soil contaminated with hydrocarbons reportedly associated with the cleaning of oil tool equipment returning from the Field.

-Resubmission of earlier denial.

RECEIVED
AUG 10 1995

OIL CON. DIV.
DIST. 3

Estimated Volume 32 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³
hereby cert that the information is true and complete to the best of my knowledge and belief

SIGNATURE

TITLE Land Farm Supervisor DATETYPE OR PRINT NAME Robert Young TELEPHONE NO 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Faint TITLE Geologist DATE

APPROVED BY _____ TITLE _____ DATE

Santa Fe 8/11/95
CONDITIONS OF APPROVAL IF ANY:

TRANSMITTAL APPROVAL



The WCM Group, Inc.

FAX TRANSMITTAL PAGE

TO: Robert Young

FAX NO: 505-632-1865

COMPANY: Envirotech, Inc.

PAGE 1 OF 2

CLIENT: Smith International, Inc.

PROJ CODE: SII-FAR-REM

FROM: Emmett Sullivan *ES*

FAX NO: 713-446-3348**

DATE SENT: August 7, 1995

COMMENTS: Robert:

Please find attached a Certificate of Waste Status for stockpile A-1 only, per our discussions last week. We are asking Envirotech to re-request approval from the NMOCD for stockpile A-1 only at this time.

Please call me if you have any questions.

Thanks,

Emmett Sullivan

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Call (713) 446-7070 immediately if copy is incomplete or illegible when received and ask for Fax operator.

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS
OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: 3650 Bloomfield Hwy., Farmington, New Mexico

Source: Oilfield Service Company Yard - A-Z/Grant/MASX Energy Services Group

Disposal Location: Envirotech Soil Remediation Facility (NMED)
Hilltop, New Mexico

For Stockpile Sample A-1 only.

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for MASX Energy Services Group concur with the status of the waste from the subject site.

Name Lee Davis
Title/Agency Environ. Eng.
Smith International, Inc.
Address P.O. Box 60062
Houston, TX 77205
Signature L. Davis
Date 8/5/95



The WCM Group, Inc.

TRANSMITTAL APPROVAL: *[Signature]*

FAX TRANSMITTAL PAGE

TO: Robert Young
COMPANY: Envirotech
CLIENT: Smith International
FROM: Bobbie L. Davis
DATE SENT: July 28, 1995

FAX NO: 505-827-8177 ⁶³²⁻¹⁸⁶⁵
PAGE 1 **OF** 3
PROJ CODE: Sil-Far-Rem
FAX NO: 713-446-3348**

COMMENTS:

Please find attached a copy of the fax sent to Chris Eustice of the NMOD regarding soil classification at the former A-Z/Grant facility located at 3650 Bloomfield Hwy.

THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone, and return the original message to us at the address below via the U.S. Postal Service. Thank you.

Call (713) 446-7070 immediately if copy is incomplete or illegible when received and ask for Fax operator.



The WCM Group, Inc.

FAX TRANSMITTAL PAGE

TO: Chris Eustice
COMPANY: NMOCD
CLIENT: Smith International
FROM: Bobbie L. Davis
DATE SENT: July 28, 1995

FAX NO: 505-827-8177
PAGE 1 OF 15
PROJ CODE: Sil-Far-Rem
FAX NO: 713-446-3348**

COMMENTS: Reference: Approval to dispose of soils from the former A-Z/Grant facility located at 3650 Bloomfield, Hwy. in Farmington, NM

At your request, I am providing additional information regarding the procedures used to obtain the soil samples representing the excavated soils from the above referenced facility.

Excavated soils were placed into two stockpiles. Stockpile A-1, approximately 32 cubic yards, contained soils removed from an area which appeared to be contaminated with hydrocarbons reportedly associated with the cleaning of oil tool equipment returning from the field. ~~Stockpile A-2,3, approximately 6 cubic yards contained soils removed from an area of paint overspray.~~ *→ Not to our land farm prpy.*

A composite soil sample was collected from each stockpile on May 3, 1995, the same day that the soils were excavated. The composite samples consisted of soil collected at four points around the smaller stockpile and eight points around the larger stockpile. Soil samples were taken at alternating high and low elevations at regular intervals all around the stockpiles. Soil collected at each point was placed into a one gallon size resealable plastic bag. At completion of the sampling, the soil in the bag was thoroughly mixed and then placed into a clean laboratory supplied glass jar.

Field quality assurance/quality control (QA/QC) procedures practiced during the sample collection included decontamination of all sampling equipment prior to sample collection. A new pair of clean surgical gloves was worn while collecting each sample. After sampling was complete, the filled glass container of soil was placed in an ice-filled cooler for delivery to Cardinal Laboratories located in Farmington. The samples were delivered to the laboratory under appropriate chain-of-custody protocol. A copy of the signed chain of custody including laboratory data sheets are attached to this fax.

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Call (713) 446-7070 immediately if copy is incomplete or illegible when received and ask for Fax operator.

Originally the samples were analyzed to characterize the soils as a special waste under the following analyses:

TPH - 418.1

BTEX - 8020

TCLP metals

Halogenated volatile organics 8010

Paint filter liquids test, reactivity, ignitability, and corrosivity

At the request of Envirotech, TCLP organics were also run. Envirotech also requested information regarding the presence of MEK in the sample. Rather than run additional analyses, Cardinal Laboratories was able to use the data from the 8010 method to quantitate a value for MEK. Copies of the additional analytical results and the quantitation method used by Cardinal Laboratories is attached to this fax.

I hope this information will help clarify our request for disposal. If you have any additional questions or concerns please do not hesitate to call me at (713) 446-7070.

Thanks

THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone, and return the original message to us at the address below via the U.S. Postal Service. Thank you.

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

PHONE (505) 326-4869 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

July 10, 1995

Mr. Emmett Sullivan
WCM Group
P.O. Box 3247
Humble, TX 77347-3247

Dear Emmett:

This letter is in regard to our phone conversation concerning a sample received in our Farmington office. The identifying project code is SII-FAR-REM. The lab number assigned to the sample was SJ1177-2. I believe we ran TCLP semivolatiles and also halogenated volatiles. You informed me that you needed to have an analysis for Methyl Ethyl Ketone (2-Butanone). We were able to take the data from the initial run for the halogenated volatiles and run that data through another GC/MS method. This method contains a volatiles list and calibration which includes MEK. We had the instrument quantitate for MEK. There was no MEK detected in this requantitation. The detection limit is 0.001 PPM. The EPA method used was 8260 using a Hewlett-Packard GC/MS. If you have any questions or problems please give me a call.

Sincerely,

Larry L. Bailey

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The WCM Group, Inc.

FAX TRANSMITTAL PAGE

TO: Harlan M. Brown

FAX NO: 505-832-1865

COMPANY: Envirotech, Inc.

PAGE 1 OF 10

CLIENT: Smith International, Inc.

PROJ CODE: SII-FAR-REM

FROM: Emmett Sullivan

FAX NO: 713-446-3348**

DATE SENT: May 30, 1995

COMMENTS: Mr. Brown:

Please find attached analytical results from 35 cubic yards of TPH contaminated soil that we wish to dispose at your facility. It is our understanding that this waste is a special waste, as it was generated from an industrial facility and is not regulated under the OCD.

Please review the analytical data and advise Ms. Bobbie Davis or me at 713-446-7070 if this contaminated soil will be acceptable for your facility.

Thanks,

Emmett Sullivan

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PHONE (800) 326-4660 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

ANALYTICAL RESULTS FOR
WCM GROUP
ATTN: BOBBIE DAVIS
PO BOX 3247
HUMBLE TX 77338

Receiving Date: 05/03/85
Reporting Date: 05/12/85
Project Number: SJ1177
Project Name: SI-FAR-REM
Project Location: BLOOMFIELD HWY.

Sampling Date: 05/03/06
Sample Type: SOILS
Sample Condition: INTACT
Sample Received By: BW
Analyzed By: WL & GAP

LAB NUMBER	SAMPLE ID	REACTIVITY		CORROSIVITY	IGNITABILITY
		H ₂ S/kg	HCN/kg	(pH)	(F)

ANALYSIS DATE:		05/12/88	05/12/86	05/12/85	05/10/85
SJ1177-2	SP - A1	4.2	<0.03	7.88	>140
SJ1177-8	SP - A2, 3	2.0	<0.03	8.10	>140
Quality Control		NR	NR	7.04	NR
True Value QC		NR	NR	7.00	NR
% Accuracy		NR	NR	101	NR
Relative Percent Difference		NR	NR	0	NR

METHOD: EPA SW 846-7.3, 7.2, 1010

Wei L.

Wol LL Chemical

5-12-95

Date

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ANALYTICAL RESULTS FOR
WCM GROUP
ATTN: BOBBIE DAVIS
PO BOX 3247
HUMBLE, TX 77338
FAX TO: 713-446-3348

Receiving Date: 05/03/95
Reporting Date: 05/17/95
Project Number: SJ1177
Project Name: SH-FAR-REM
Project Location: BLOOMFIELD HWY.
Lab Number: SJ1177-2
Sample ID: SP - A1

Analysis Date: 05/18/95
Sampling Date: 05/03/95
Sample Type: SOILS
Sample Condition: INTACT
Sample Received By: SW
Analyzed By: BC

VOLATILES - 8010 (ppm)		Detection Limit	Sample Result SJ1177-2	Method Blank	QC	%IA	True Value QC
1	Dichlorodifluoromethane	0.001	<0.002	<0.001	0.043	88	0.050
2	Chloromethane	0.001	<0.002	<0.001	0.045	90	0.050
3	Vinyl chloride	0.001	<0.002	<0.001	0.045	89	0.050
4	Bromomethane	0.001	<0.002	<0.001	0.044	88	0.050
5	Chloroethane	0.001	<0.002	<0.001	0.043	88	0.050
6	1,1-Dichloroethane	0.001	<0.002	<0.001	0.068	116	0.050
7	Trichlorofluoromethane	0.001	<0.002	<0.001	0.043	88	0.050
8	Allyl chloride	0.001	<0.002	<0.001	0.054	108	0.050
9	Methylene chloride	0.001	<0.002	<0.001	0.080	120	0.050
10	trans-1,2-Dichloroethane	0.001	<0.002	<0.001	0.059	116	0.050
11	1,1-Dichloroethane	0.001	<0.002	<0.001	0.080	120	0.050
12	2,2-Dichloropropane	0.001	<0.002	<0.001	0.058	116	0.050
13	Chloroform	0.001	<0.002	<0.001	0.081	122	0.050
14	1,1,1-Trichloroethane	0.001	<0.002	<0.001	0.059	116	0.050
15	1,2-Dichloroethane	0.001	<0.002	<0.001	0.040	80	0.050
16	1,1-Dichloropropene	0.001	<0.002	<0.001	0.059	116	0.050
17	Carbon tetrachloride	0.001	<0.002	<0.001	0.058	116	0.050
18	Trichloroethane	0.001	<0.002	<0.001	0.055	110	0.050
19	Dibromomethane	0.001	<0.002	<0.001	0.054	108	0.050
20	Bromodichloromethane	0.001	<0.002	<0.001	0.058	116	0.050
21	trans-1,3-Dichloropropene	0.001	<0.002	<0.001	0.058	110	0.050
22	1,2-Dichloropropane	0.001	<0.002	<0.001	0.054	108	0.050
23	2-Chloroethyl vinyl ether	0.001	<0.002	<0.001	0.050	100	0.050
24	1,1,2-Trichloroethane	0.001	<0.002	<0.001	0.068	116	0.050
25	1,3-Dichloropropene	0.001	<0.002	<0.001	0.058	116	0.050
26	Dibromochloromethane	0.001	<0.002	<0.001	0.055	110	0.050
27	1,2-Dibromomethane	0.001	<0.002	<0.001	0.058	116	0.050
28	1-Chlorohexane	0.001	<0.002	<0.001	0.027	54	0.050
29	Tetrachloroethane	0.001	<0.002	<0.001	0.067	114	0.050
30	Chlorobenzene	0.001	<0.002	<0.001	0.067	114	0.050

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 PHONE (505) 326-4868 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

ANALYTICAL RESULTS FOR
 WCM GROUP
 ATTN: BOBBIE DAVIS
 PO BOX 3247
 HUMBLE, TX 77338
 FAX TO: 713-448-3348

Receiving Date: 05/03/95
 Reporting Date: 05/17/95
 Project Number: SJ1177
 Project Name: SII-FAR-REM
 Project Location: BLOOMFIELD HWY.
 Lab Number: SJ1177-2
 Sample ID: SP - A1

Analysis Date: 05/16/95
 Sampling Date: 05/03/95
 Sample Type: SOILS
 Sample Condition: INTACT
 Sample Received By: SW
 Analyzed By: BC

VOLATILES - 8010 (ppm)		Detection Limit	Sample Result SJ1177-2	Method Blank	QC	%IA	True Value QC
31	1,1,1,2-Tetrachloroethane	0.001	<0.002	<0.001	0.057	114	0.050
32	Bromoform	0.001	<0.002	<0.001	0.060	120	0.050
33	1,1,2,2-Tetrachloroethane	0.001	<0.002	<0.001	0.062	124	0.050
34	1,2,3-Trichloropropane	0.001	<0.002	<0.001	0.060	120	0.050
34	1,4-Dichloro-2-butane	0.001	<0.002	<0.001	0.037	74	0.050
35	Bromobenzene	0.001	<0.002	<0.001	0.059	78	0.050
36	4-Chlorotoluene	0.001	<0.002	<0.001	0.058	116	0.050
36	Benzyl chloride	0.001	<0.002	<0.001	0.037	74	0.050
37	1,3-Dichlorobenzene	0.001	<0.002	<0.001	0.067	114	0.050
41	1,4-Dichlorobenzene	0.001	<0.002	<0.001	0.058	116	0.050
42	1,2-Dichlorobenzene	0.001	<0.002	<0.001	0.065	110	0.050
43	Bis(2-chloroisopropyl) ether	0.001	<0.002	<0.001	0.042	84	0.050
44	1,2-dibromo-3-chloropropane	0.01	<0.002	<0.001	0.061	122	0.050

	%Recovery	Relative Percent Difference
45 Dibromofluoromethane	100	8
46 Toluene-D8	94	12
47 4-Bromofluorobenzene	91	4

METHODS: EPA SW 846-8010

Burgess J. A. Cooke
 Burgess, J. A. Cooke, Ph. D.

5/17/95
 Date

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ANALYTICAL RESULTS FOR

WCM GROUP

ATTN: BOBBIE DAVIS

PO BOX 3247

HUMBLE, TX 77338

FAX TO: 713-446-3348

Receiving Date: 05/03/95

Reporting Date: 05/12/95

Project Number: SJ1177

Project Name: 811-FAR-REM

Project Location: BLOOMFIELD HWY.

Sampling Date: 05/03/95

Sample Type: SOILS

Sample Condition: INTACT

Sample Received By: SW

Analyzed By: SW & GAP

LAB NUMBER	SAMPLE ID	TPH (mg/L)	BENZENE (ppb)	TOLUENE (ppb)	ETHYLBENZENE (ppb)	TOTAL XYLENES (ppb)
ANALYSIS DATE:		05/04/95	05/04/95	05/04/95	05/04/95	05/04/95
SJ1177-1	CS - A1 - A	88.8	NR	NR	NR	NR
SJ1177-2	SP - A1	9823.5	3.5	3.1	2.0	8.1
SJ1177-8	SP - A2 - 3	1560.0	1.2	1.3	0.5	1.5
Quality Control		83	86	84	85	283
True Value QC		86	85	84	85	289
% Accuracy		94.8	101	100	100	102
Relative Percent Difference		NR	NR	NR	NR	NR

METHODS: TRPHC - EPA 800/7-78-020, 418.1; BTEX - EPA SW-846-8020

 Burgess J.A. Cooke, Ph. D.

 5/12/95
 Date

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TCLP ANALYSIS REPORT

Company: VCM Group
 Address: P.O. Box 3247
 City, State: Humble, TX 77338

Date: 6/9/95
 Lab #: SJ1177-2

Project Name: Sil-Far-Ren
 Location: Bloomfield Hwy.
 Sampled by: SD
 Sample Type: Soil

Date: not given
 Sample Condition: Intact

Sample ID: SP-AI

TCLP ORGANICS

PARAMETER	RESULT	EPA LIMIT	UNITS
Pyridine	<0.04	5.00	ppm
1,4-Dichlorobenzene	<0.04	7.50	ppm
o-Cresol	<0.04	200	ppm
m,p-Cresol	<0.08	200	ppm
Hexachloroethane	<0.04	1.00	ppm
Nitrobenzene	<0.04	1.00	ppm
Hexachloro-1,3-butadiene	<0.04	0.500	ppm
2,4,6-Trichlorophenol	<0.04	2.00	ppm
2,4,5-Trichlorophenol	<0.04	400	ppm
2,4-Dinitrotoluene	<0.04	0.130	ppm
Hexachlorobenzene	<0.04	0.130	ppm
Pentachlorophenol	<0.04	100	ppm

METHODS: TCLP ORGANICS - EPA 8260/8270

Nepo S. Moreno
 Nepo S. Moreno

6-9-95
 Date

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ANALYTICAL RESULTS FOR
WCM GROUP
ATTN: BOBBIE DAVIS
PO BOX 3247
HUMBLE, TX 77338

Receiving Date: 05/03/95
Reporting Date: 05/12/95
Project Number: SJ1177
Project Name: 811-FAR-REM
Project Location: BLOOMFIELD HWY.

Sampling Date: 05/03/95
Sample Type: SOILS
Sample Condition: INTACT
Sample Received By: SW
Analyzed By: JH

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:		05/12/95	05/12/95	05/12/95	05/12/95	05/12/95	05/12/95	05/10/95	05/12/95
EPA LIMITS:		5	5	100	1	5.0	5.0	0.2	1.0
SJ1177-2	SP - A1	<0.1	<0.1	0.97	<0.1	<0.1	<0.1	<0.0002	<0.1
SJ1177-8	SP - A2, 3	<0.1	<0.1	1.2	<0.1	<0.1	0.4	<0.0002	<0.1
Quality Control		0.528	0.519	0.512	0.520	0.509	0.536	1.0	0.621
True Value QC		0.500	0.500	0.500	0.500	0.500	0.500	1.0	0.600
% Accuracy		106	104	102	104	102	107	100	104
Relative Percent Difference		5.8	0	7.1	0.2	3.3	3.3	3	4.0
METHODS: EPA 600/4-91/010		200.7	200.7	200.7	200.7	200.7	200.7	245.1	200.7

Jane Huang, Chemist

Date

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Analysis Date: 05/12/95
Sampling Date: 05/03/95
Sample Type: SOILS
Sample Condition: INTACT
Sample Received By: GW
Analyzed By: JH

METHOD: SW 848-3050

Date _____

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 PHONE (505) 329-4889 • 115 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

ANALYTICAL RESULTS FOR
 WCM GROUP
 ATTN: BOBBIE DAVIS
 PO BOX 3247
 HUMBLE, TX 77338

Receiving Date: 05/03/95
 Reporting Date: 05/12/95
 Project Number: SJ1177
 Project Name: SH-FAR-REM
 Project Location: BLOOMFIELD HWY.

Analysis Date: 05/12/95
 Sampling Date: 05/03/95
 Sample Type: SOILS
 Sample Condition: INTACT
 Sample Received By: BW
 Analyzed By: JH

LAB NUMBER	SAMPLE ID	PAINT FILTER
		TEST (mg/100g)
SJ1177-2	SP - A1	0.00
SJ1177-3	SP - A2 - 3	0.00

METHOD: EPA SW 846-9025

Burgess J. A. Costa
 Burgess J. A. Costa, Ph. D.

5/12/95
 Date

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**ANALYTICAL RESULTS FOR
WCM GROUP
ATTN: BOBBIE DAVIS
PO BOX 3247
HUMBLE, TX 77338**

Receiving Date: 05/03/95
Reporting Date: 05/12/95
Project Number: SJ1177
Project Name: SII-FAR-REM
Project Location: BLOOMFIELD HWY.

Analysis Date: 05/12/95
Sampling Date: 05/03/95
Sample Type: SOILS
Sample Condition: INTACT
Sample Received By: SW
Analyzed By: JH

LAB NUMBER	SAMPLE ID	PAINT FILTER
		TEST (mV/100g)
SJ1177-2	SP - A1	0.00
SJ1177-6	SP - A2 - 3	0.00

METHOD: EPA SW 846-8085

Burgess A. Cooke
Burgess A. Cooke, Ph. D.

5/12/95
Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and user's accepted liability for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and approved by Cardinal within thirty (30) days after completion of the applicable analysis. No claim shall be deemed to have been accepted or approved by Cardinal, regardless of whether such claim is based upon any of the above-stated findings or otherwise.

95008

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter Envirotech Inc.	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator Tidewater Compression Sv.	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site SAME as #5	
7. Originating Location of Material (Street Address or ULSTR) 1125 US Hwy 550, AZTEC NM	8. State New Mexico	

9. Check One

- ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Date(s) for Transportation: 9/95

BRIEF DESCRIPTION OF THE MATERIAL:

Wash bay Solids collected from wash bay and dried, or sent in Suspension with wash water.

RECEIVED
SEP - 6 1995

OIL CON. DIV.
DIST. 3

RECEIVED
AUG 30 1995

OIL CON. DIV.
DIST. 3

Estimated Volume 40 yd³ Known Volume (to be entered by the operator at the end of the haul):

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 8/28/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Fount TITLE Geologist DATE 8/30/95

APPROVED BY [Signature] TITLE GEOLOGIST DATE 9-1-95

CONDITIONS OF APPROVAL, IF ANY:

Santa Fe 8/30/95

95008

1. RCRA Exempt: ☐ Non-Exempt: ☒
 Verbal Approval Received: Yes ☐ No ☒

4. Name of Transporter

Envirotech Inc.

2. Destination

Land Farm # 2 Envirotech Soil Remediation Facility

5. Generator

Tideco or Commission Site

3. Address of Facility Operator

5796 US Hwy. 64-3014 Farmington, NM 87401

6. Name of Originating Site

SAME as #5

7. Originating Location of Material (Street Address or ULSTR)

1125 S W 550 TEC

8. State

New Mexico

9. Check One

- ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport

BRIEF DESCRIPTION OF THE MATERIAL:

Wash bay Solids ~~is~~ collected from wash bay and dried, or sent in suspension with wash water.

RECEIVED
 AUG 30 1995
 OIL CON. DIV.
 DIST. 3

Estimated Volume 40 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³
 hereby cert that information above is true complete to the best my knowledge and belief

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 28 9

TYPE OR PRINT NAME Robert Young TELEPHONE NO 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Foust TITLE Geologist DATE 8 30 95

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

SF 8/30/95

505-632-1865 ENVIROTECH INC

683 P81

AUG 23 '95 09:14

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 • 3014
 FARMINGTON, NEW MEXICO 87401
 PHONE: (505) 632-0615

Post-It Fax Note	7871	Date	8/23/95	# of pages	1
To	Todd McCoy	From	RT Yates		
Company	Tide Water	Co.	1		
Phone #		Phone #			
Fax #	334-7547	Fax #	632-1865		

Revin AS40

CERTIFICATE OF WASTE STATUS
OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: TIDEWATER Commission Serv.

Source: Semi Solid Wash Bay Mud

Disposal Location: Envirotech Soil Remediation Facility,
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for TIDEWATER concur with the status of the waste from the subject site.

Todd McCoy

Name TIDEWATER Commission Serv.
 Title/Agency Account manager

Address P.O. Box 280
Elora, N.Y. 14741

Signature [Signature]

Date 8-23-95

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

95008

WASTE-STREAM SAMPLE DOCUMENTATION ENVIROTECH SOIL REMEDIATION FACILITY

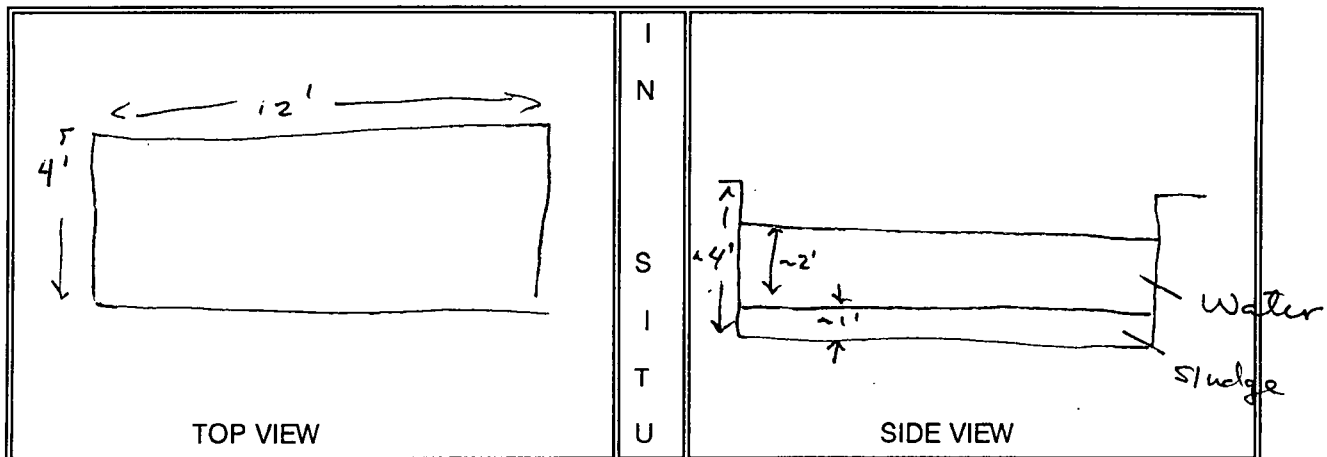
I Nathan Spencer (printed name), as an employee of Envirotech Inc.
and a representative for TIDEWATER COMPRESSION (generator) located at
1125 US Hwy 550 ABEC,
hereby certify that I have sampled (soil / water / (solids) / liquids / sludge : [circle one]) for RCRA
Characterization, pursuant to 40 CFR 261 Subpart C, including (check applicable analyses):

- ☒ Ignitability
- ☒ Corrosivity
- ☒ Reactivity
- ☒ TCLP Metals

- ☒ TCLP Volatiles
- ☒ TCLP Semi-Volatiles
- ☐ TCLP Pesticides / Herbicides
- ☐ Additional: _____

The sample is (a grab sample from the area of highest contamination / a 5-point composite: [mark one]),
and is representative of the waste being sampled. This sample was submitted to Envirotech Labs
for analysis, and was assigned sample ID # 8769, as noted on the attached Chain-of-Custody.

Included are diagrams of the waste (in-situ), top view and side view, including contamination source
location and depth, sample location(s) and depth(s), pertinent on-site structures, scale, etc. for the
generation site. Also, if the waste is not in-situ when sampled, attach additional diagrams of the stockpiled
waste, top view and side view, including pertinent sampling information, for the waste at the time of
sampling.



The waste was generated from (check all that apply):

- ☐ Gasoline Underground Tank Spill
- ☐ Diesel Underground Tank Spill
- ☐ New-Oil Underground Tank Spill
- ☐ Used-Oil Spill
- ☐ Oilfield Pit (dehy, blow, sep, comp, drip)
- ☐ Other: _____
- ☐ Gasoline Spill not from Underground Tank
- ☐ Diesel Spill not from Underground Tank
- ☐ New-Oil Spill not from Underground Tank
- ☒ Wash Bay (Solids Liquids \ Sludge)
- ☐ Laboratory

The generator (is) (is not) an oilfield service company or other company regulated by the New Mexico Oil
Conservation Division.

Signed: Nathan Spencer Date: 8-3-95

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

SUSPECTED HAZARDOUS & SOLID WASTE ANALYSIS

Client:	Tidewater Compression	Project #:	95008
Sample ID:	Wash Bay Sludge	Date Reported:	08-08-95
Lab ID#:	8769	Date Sampled:	08-03-95
Sample Matrix:	Sludge	Date Received:	08-03-95
Preservative:	Cool	Date Analyzed:	08-04-95
Condition:	Cool & Intact	Chain of Custody:	4319

Parameter	Result
-----------	--------

IGNITABILITY: Did not ignite upon direct contact with flame.

CORROSIVITY: pH of 8.13

REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

RCRA Hazardous Waste Criteria

Parameter	Hazardous Waste Criterion
-----------	---------------------------

IGNITABILITY: Sample Ignition upon direct contact with flame indicates hazardous waste status.

CORROSIVITY: pH < 2 or pH > 12.5 indicates hazardous waste status.

REACTIVITY: Violent reaction with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric Acid) indicates hazardous waste status.

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: 1125 U.S. Hwy 550, Aztec, NM.



Analyst



Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHODS 8010/8020
AROMATIC / HALOGENATED
VOLATILE ORGANICS

Client:	Tidewater Compression	Project #:	95008
Sample ID:	Wash Bay Sludge	Date Reported:	08-07-95
Laboratory Number:	8769	Date Sampled:	08-03-95
Chain of Custody:	4319	Date Received:	08-03-95
Sample Matrix:	Sludge	Date Extracted:	08-03-95
Preservative:	Cool	Date Analyzed:	08-07-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.0002	0.2
1,1-Dichloroethene	ND	0.0002	0.7
2-Butanone (MEK)	ND	0.0001	200
Chloroform	ND	0.0002	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0001	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0001	0.5
Tetrachloroethene	ND	0.0009	0.7
Chlorobenzene	ND	0.0001	100
1,4-Dichlorobenzene	ND	0.0005	7.5

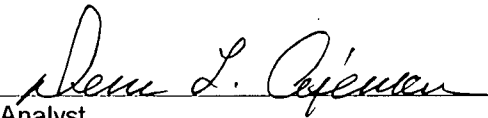
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Trifluorotoluene	98%
	Bromofluorobenzene	97%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: 1125 US Hwy 550, Aztec, NM.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHODS 8010/8020
AROMATIC / HALOGENATED
VOLATILE ORGANICS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-07-95
Laboratory Number:	08-07-TCV.BLANK	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-07-95
Condition:	N/A	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.0002	0.2
1,1-Dichloroethene	ND	0.0002	0.7
2-Butanone (MEK)	ND	0.0001	200
Chloroform	ND	0.0002	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0001	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0001	0.5
Tetrachloroethene	ND	0.0009	0.7
Chlorobenzene	ND	0.0001	100
1,4-Dichlorobenzene	ND	0.0005	7.5

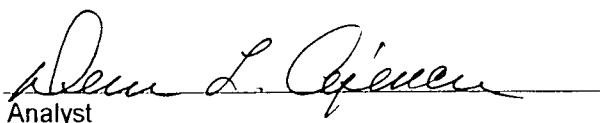
ND - Parameter not detected at the stated detection limit.

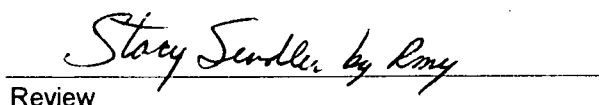
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Trifluorotoluene	101%
	Bromofluorobenzene	99%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for samples 8767 - 8769.


Analyst


Review

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	08-07-95
Laboratory Number:	08-03-TCV.MB	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-07-95
Condition:	N/A	Date Extracted:	08-03-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.0002	0.2
1,1-Dichloroethene	ND	0.0002	0.7
2-Butanone (MEK)	ND	0.0001	200
Chloroform	ND	0.0002	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0001	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0001	0.5
Tetrachloroethene	ND	0.0009	0.7
Chlorobenzene	ND	0.0001	100
1,4-Dichlorobenzene	ND	0.0005	7.5

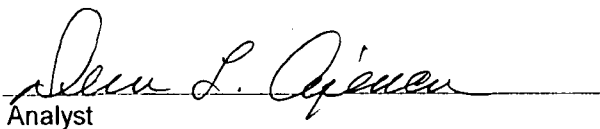
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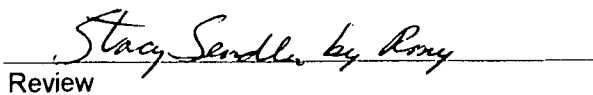
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Trifluorotoluene	103%
	Bromofluorobenzene	100%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for samples 8767 - 8769.


Analyst


Review

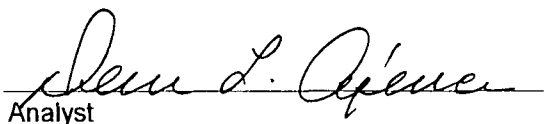
Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-07-95
Laboratory Number:	8769	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	08-07-95
Condition:	N/A	Date Extracted:	08-03-95

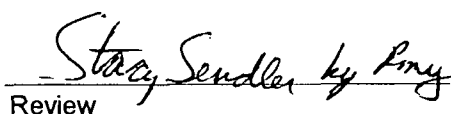
Parameter	Sample Result (mg/L)	Duplicate Sample Result (mg/L)	Detection Limits (mg/L)	Percent Difference
Vinyl Chloride	ND	ND	0.0002	0.0%
1,1-Dichloroethene	ND	ND	0.0002	0.0%
2-Butanone (MEK)	ND	ND	0.0001	0.0%
Chloroform	ND	ND	0.0002	0.0%
Carbon Tetrachloride	ND	ND	0.0001	0.0%
Benzene	ND	ND	0.0001	0.0%
1,2-Dichloroethane	ND	ND	0.0001	0.0%
Trichloroethene	ND	ND	0.0001	0.0%
Tetrachloroethene	ND	ND	0.0009	0.0%
Chlorobenzene	ND	ND	0.0001	0.0%
1,4-Dichlorobenzene	ND	ND	0.0005	0.0%

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples 8767 - 8769.


Analyst


Review

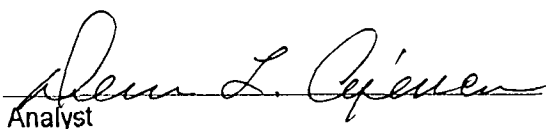
Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-07-95
Laboratory Number:	8769	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	08-07-95
Condition:	N/A	Date Extracted:	08-03-95

Parameter	Sample Result (mg/L)	Spike Added (mg/L)	Spiked Sample Result (mg/L)	Det. Limit (mg/L)	Percent Recovery	SW-846 % Rec. Accept. Range
Vinyl Chloride	ND	0.020	0.0199	0.0002	99%	28-163
1,1-Dichloroethene	ND	0.020	0.0203	0.0002	101%	43-143
2-Butanone (MEK)	ND	0.020	0.0198	0.0001	93%	47-132
Chloroform	ND	0.020	0.0198	0.0002	99%	49-133
Carbon Tetrachloride	ND	0.020	0.0203	0.0001	102%	43-143
Benzene	ND	0.020	0.0205	0.0001	102%	39-150
1,2-Dichloroethane	ND	0.020	0.0205	0.0001	102%	51-147
Trichloroethene	ND	0.020	0.0202	0.0001	98%	35-146
Tetrachloroethene	ND	0.020	0.0208	0.0009	102%	26-162
Chlorobenzene	ND	0.020	0.0210	0.0001	105%	38-150
1,4-Dichlorobenzene	ND	0.020	0.0198	0.0005	97%	42-143

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples 8767 - 8769.


Analyst


Review

Client:	Tidewater Compression	Project #:	95008
Sample ID:	Wash Bay Sludge	Date Reported:	08-09-95
Laboratory Number:	8769	Date Sampled:	08-03-95
Chain of Custody:	4319	Date Received:	08-03-95
Sample Matrix:	Sludge	Date Extracted:	08-03-95
Preservative:	Cool	Date Analyzed:	08-09-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200
p,m-Cresol	ND	0.040	200
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400
Pentachlorophenol	ND	0.020	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	100%
	2,4,6-Tribromophenol	95%

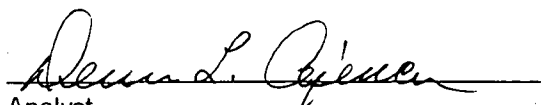
References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 198

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: 1125 US Hwy 550, Aztec, NM.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-09-95
Laboratory Number:	08-09-TCA.BLANK	Date Sampled:	N/A
Sample Matrix:	2-Propanol	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-09-95
Condition:	N/A	Analysis Requested:	TCLP

Analytical Results	Concentration	Detection	Regulatory
Parameter	(mg/L)	Limit	Limit
		(mg/L)	(mg/L)
o-Cresol	ND	0.020	200
p,m-Cresol	ND	0.040	200
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400
Pentachlorophenol	ND	0.020	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-fluorophenol	100 %
	2,4,6-tribromophenol	94 %

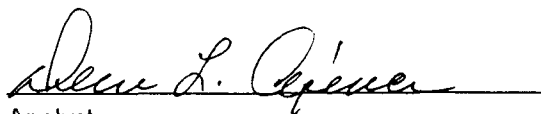
References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 198

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: QA/QC for samples 8767 - 8769.


Analyst


Review

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	08-09-95
Laboratory Number:	08-03-TCA.MB	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	08-03-95
Condition:	Cool & Intact	Date Analyzed:	08-09-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200
p,m-Cresol	ND	0.040	200
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400
Pentachlorophenol	ND	0.020	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	98%
	2,4,6-Tribromophenol	105%

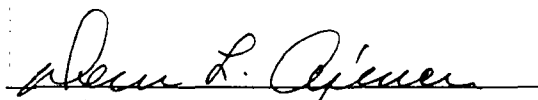
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Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 198

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: QA/QC for samples 8767 - 8769.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8040 PHENOLS Quality Assurance Report Matrix Duplicate

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-09-95
Laboratory Number:	8769	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	08-03-95
Condition:	Cool & Intact	Date Analyzed:	08-09-95
		Analysis Requested:	TCLP

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Detection Limit (mg/L)	Percent Difference
o-Cresol	ND	ND	0.020	0.0%
p,m-Cresol	ND	ND	0.040	0.0%
2,4,6-Trichlorophenol	ND	ND	0.020	0.0%
2,4,5-Trichlorophenol	ND	ND	0.020	0.0%
Pentachlorophenol	ND	ND	0.020	0.0%

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Maximum Difference
	8040 Compounds	30.0%

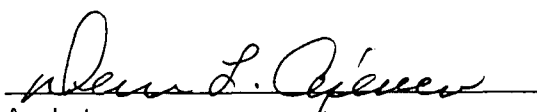
References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: QA/QC for samples 8767 - 8769.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8090
Nitroaromatics and Cyclic Ketones
TCLP Base/Neutral Organics

Client:	Tidewater Compression	Project #:	95008
Sample ID:	Wash Bay Sludge	Date Reported:	08-09-95
Laboratory Number:	8769	Date Sampled:	08-03-95
Chain of Custody:	4319	Date Received:	08-03-95
Sample Matrix:	Sludge	Date Extracted:	08-03-95
Preservative:	Cool	Date Analyzed:	08-08-95
Condition:	Cool and Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

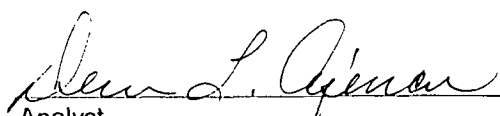
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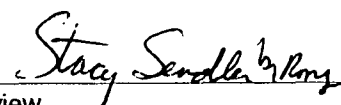
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	2-fluorobiphenyl	103%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: 1125 US Hwy 550, Aztec, NM.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

EPA Method 8090
Nitroaromatics and Cyclic Ketones
TCLP Base/Neutral Organics
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-09-95
Laboratory Number:	08-08-TBN.BLANK	Date Sampled:	N/A
Sample Matrix:	Hexane	Date Received:	N/A
Preservative:	N/A	Date Extracted:	N/A
Condition:	N/A	Date Analyzed:	08-08-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

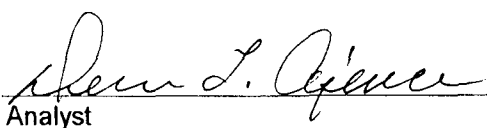
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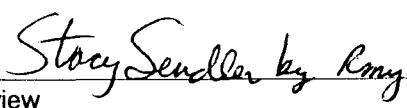
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	2-fluorobiphenyl	103%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for samples 8767 - 8769.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8090
Nitroaromatics and Cyclic Ketones
TCLP Base/Neutral Organics
QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	08-09-95
Laboratory Number:	08-03-TBN.MB	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	08-03-95
Condition:	Cool and Intact	Date Analyzed:	08-08-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

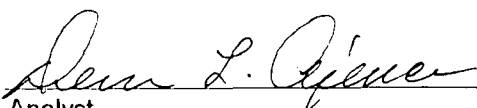
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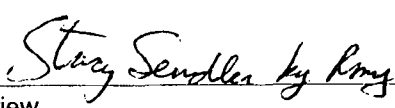
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	2-fluorobiphenyl	102%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for samples 8767 - 8769.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8090
Nitroaromatics and Cyclic Ketones
TCLP Base/Neutral Organics
QA/QC Matrix Duplicate Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-08-95
Laboratory Number:	8769	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Extracted:	08-03-95
Condition:	N/A	Date Analyzed:	08-08-95
		Analysis Requested:	TCLP

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference	Det. Limit (mg/L)
Pyridine	ND	ND	0.0%	0.020
Hexachloroethane	ND	ND	0.0%	0.020
Nitrobenzene	ND	ND	0.0%	0.020
Hexachlorobutadiene	ND	ND	0.0%	0.020
2,4-Dinitrotoluene	ND	ND	0.0%	0.020
HexachloroBenzene	ND	ND	0.0%	0.020

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Maximum Difference
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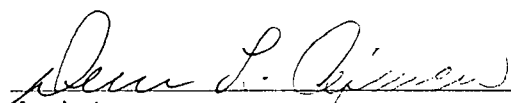
8090 Compounds

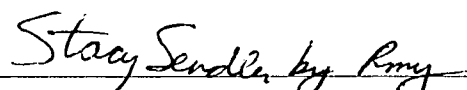
30%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for samples 8767 - 8769.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	Tidewater Compression	Project #:	95008
Sample ID:	Wash Bay Sludge	Date Reported:	08-11-95
Laboratory Number:	8769	Date Sampled:	08-03-95
Chain of Custody:	4319	Date Received:	08-03-95
Sample Matrix:	Sludge	Date Analyzed:	08-10-95
Preservative:	Cool	Date Extracted:	08-03-95
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
Arsenic	0.006	0.001	5.00
Barium	4.61	0.01	100
Cadmium	0.084	0.001	1.00
Chromium	ND	0.001	5.00
Lead	0.035	0.001	5.00
Mercury	ND	0.001	0.200
Selenium	0.005	0.001	1.00
Silver	ND	0.1	5.0

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

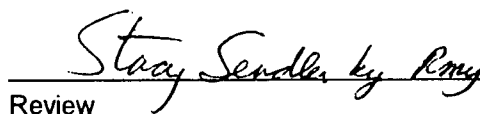
Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760 Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: 1125 US Hwy 550, Aztec, NM.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	QA/QC	Project #:	N/A
Sample ID:	Blanks	Date Reported:	08-11-95
Laboratory Number:	N/A	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	08-10-95
Condition:	N/A	Date Extracted:	N/A

Parameter	Instrument Blank (mg/L)	Method Blank (mg/L)	Det. Limit (mg/L)
Arsenic	ND	ND	0.001
Barium	ND	ND	0.01
Cadmium	ND	ND	0.001
Chromium	ND	ND	0.001
Lead	ND	ND	0.001
Mercury	ND	ND	0.001
Selenium	ND	ND	0.001
Silver	ND	ND	0.1

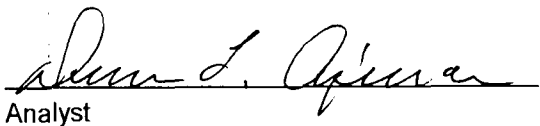
ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760 Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Comments: QA/QC for samples 8767 - 8769.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-11-95
Laboratory Number:	8769	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	Trace Metals	Date Analyzed:	08-10-95
Condition:	N/A	Date Extracted:	08-03-95

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference
Arsenic	0.006	0.006	0.0%
Barium	4.61	4.70	1.9%
Cadmium	0.084	0.082	2.4%
Chromium	ND	ND	0.0%
Lead	0.035	0.036	2.8%
Mercury	ND	ND	0.0%
Selenium	0.005	0.005	0.0%
Silver	ND	ND	0.0%

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Maximum Difference
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Trace Metals

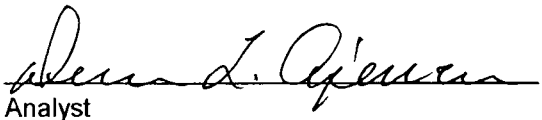
30 %

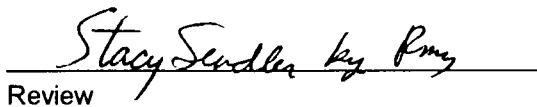
References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760 Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Comments: QA/QC for samples 8767 - 8769.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Spike	Date Reported:	08-11-95
Laboratory Number:	8769	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	08-10-95
Condition:	N/A	Date Extracted:	08-03-95

Parameter	Spike Added (mg/L)	Sample Result (mg/L)	Spiked Sample Result (mg/L)	Percent Recovery
Arsenic	0.100	0.006	0.106	100%
Barium	1.00	4.61	5.51	98%
Cadmium	0.100	0.084	0.184	100%
Chromium	0.100	ND	0.099	99%
Lead	0.100	0.035	0.135	100%
Mercury	0.050	ND	0.049	98%
Selenium	0.100	0.005	0.105	100%
Silver	1.0	ND	1.0	100%

ND - Parameter not detected at the stated detection limit.

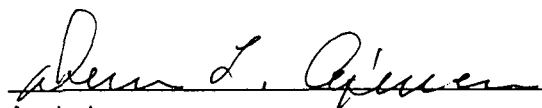
QA/QC Acceptance Criteria:	Parameter	Acceptance Range %
	TCLP Metals	80 - 120 %

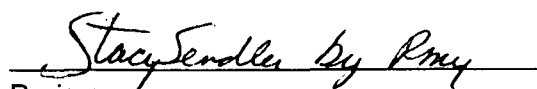
References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760 Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Comments: QA/QC for samples 8767 - 8769.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name TIDEWATER COMPRESSION			Project Location 1125 US HWY 550 AZTEC, NM		ANALYSIS/PARAMETERS							
Sampler: (Signature) <i>Nath Spener</i>			Chain of Custody Tape No. 95008		No. of Containers 2	100% REP						Remarks
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix								
Wash Bay Sludge	8-3-95	1240	8769	SLUDGE								
Relinquished by: (Signature) <i>Nath Spener</i>			Date 8-3-95	Time 1345	Received by: (Signature) <i>Kevin L. Spencer</i>						Date 8/3/95	Time 1345
Relinquished by: (Signature)					Received by: (Signature)							
Relinquished by: (Signature)					Received by: (Signature)							

ENVIROTECH INC.
 5796 U.S. Highway 64-3014
 Farmington, New Mexico 87401
 (505) 632-0615

92143-01

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ (Submitting this form for oilfield exempt waste is optional)	Name of Transporter <i>Envirotech</i>	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	3. Generator <i>Enertek, Inc.</i>	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site <i>Enertek, Inc.</i>	
7. Originating Location of Material (Street Address or ULSTR) <i>4901 E. Main Street Farmington, NM 87401</i>	8. State <i>NM</i>	

9. Check One

- ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Date(s) for Transportation: *8/95*

BRIEF DESCRIPTION OF THE MATERIAL:

Yard Clean-up from miscellaneous spills of oil from Oilfield equipment.

TCLP included.

RECEIVED
AUG 30 1995
OIL CON. DIV.
DIST. 3

RECEIVED
SEP - 6 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 50 yd³ Known Volume (to be entered by the operator at the end of the haul): _____

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Robert Young* TITLE Land Farm Supervisor DATE 8/29/95TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY *Denny D. Fount* TITLE Geologist DATE 8/30/95APPROVED BY *C. S. Smith* TITLE Geologist DATE 9-1-95

CONDITIONS OF APPROVAL, IF ANY:

SF 8/30/95

92143-01

1. RCRA Exempt: ☐ Non-Exempt: ☒
 Verbal Approval Received: Yes ☐ No ☒

4. Name of Transporter
Envirotech

2. Destination
 Land Farm # 2 Envirotech Soil Remediation Facility

5. Generator
Enertek, Inc.

3. Address of Facility Operator
 5796 US Hwy. 64-3014 Farmington, NM 87401

6. Name of Originating Site
Enertek, Inc.

7. Originating Location of Material (Street Address or ULSTR)
4901 E. Main Street Farmington NM 70

8. State
NM

9. Check One

- ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; or certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transpo

895

BRIEF DESCRIPTION OF THE MATERIAL:

*Yard Clean-up from miscellaneous spills of oil from Oilfield equipment.
 TCLP included.*

RECEIVED
 AUG 30 1995
 OIL CON. DIV.
 DIST. 3

Estimated Volume 50 yd³ Known Volume (to be entered by the operator at the end of the haul): _____
 I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Robert Young* TITLE Land Farm Supervisor DATE 8/29/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO 505-632-0615

(This space for State Use)

APPROVED BY *Denny G. Fount* TITLE *Geologist* DATE 8/30/95

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Santa Fe 8/30/95

95045

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS
OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: Enertek
Source: Miscellaneous Yard Spills from oilfield equipment
Disposal Location: Envirotech Soil Remediation Facility,
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will ~~be~~ has been analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for U.S. Enertek, Inc.
concur with the status of the waste from the subject site.

Rodney Heath

Name U.S. Enertek, Inc.
Title/Agency _____

Address 4901 E. main
Farmington, N.M. 87402

Signature Rodney Heath

Date 8-29-95

SUSPECTED HAZARDOUS & SOLID WASTE ANALYSIS

Client:	Enertek	Project #:	92143-01
Sample ID:	Yard Spills	Date Reported:	07-24-95
Lab ID#:	8755	Date Sampled:	07-21-95
Sample Matrix:	Soil	Date Received:	07-21-95
Preservative:	Cool	Date Analyzed:	07-24-95
Condition:	Cool & Intact	Chain of Custody:	4305

IGNITABILITY: Did not ignite upon direct contact with flame.

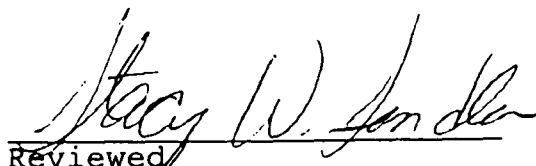
CORROSIVITY: pH of 8.39

REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: $\leq$ pH 2 or $\geq$ pH 12.5 is hazardous waste.
4901 E. Main, Farmington, NM. Includes hydraulic oil spill.


Analyst


Reviewed

Client:	Enertek	Project #:	92143-01
Sample ID:	Yard Spills	Date Reported:	07-27-95
Laboratory Number:	8755	Date Sampled:	07-21-95
Chain of Custody:	4305	Date Received:	07-21-95
Sample Matrix:	Soil	Date Analyzed:	07-27-95
Preservative:	Cool	Date Extracted:	07-24-95
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
Arsenic	0.025	0.001	5.00
Barium	17.8	0.01	100
Cadmium	0.062	0.001	1.00
Chromium	ND	0.001	5.00
Lead	0.120	0.001	5.00
Mercury	ND	0.001	0.200
Selenium	ND	0.001	1.00
Silver	ND	0.1	5.0

ND - Parameter not detected at the stated detection limit.

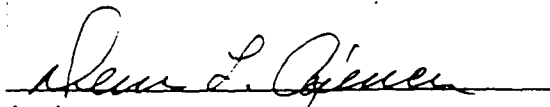
References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

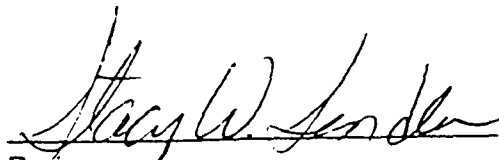
Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760 Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: **4901 E. Main, Farmington, NM. Includes hydraulic oil spill.**


Analyst


Review

**QUALITY ASSURANCE / QUALITY CONTROL
DOCUMENTATION**

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	QA/QC	Project #:	N/A
Sample ID:	Blanks	Date Reported:	07-27-95
Laboratory Number:	N/A	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	07-27-95
Condition:	N/A	Date Extracted:	N/A

Parameter	Instrument Blank (mg/L)	Extraction Sol. Blank (mg/L)	Det. Limit (mg/L)
Arsenic	ND	ND	0.001
Barium	ND	ND	0.01
Cadmium	ND	ND	0.001
Chromium	ND	ND	0.001
Lead	ND	ND	0.001
Mercury	ND	ND	0.001
Selenium	ND	ND	0.001
Silver	ND	ND	0.1

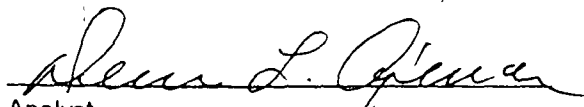
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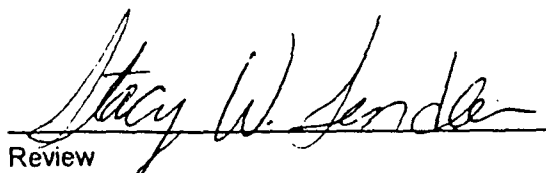
References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760 Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Comments: QA/QC for samples 8754 and 8755.


Analyst


Review

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	07-27-95
Laboratory Number:	8755	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	Trace Metals	Date Analyzed:	07-27-95
Condition:	N/A	Date Extracted:	07-24-95

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference
Arsenic	0.025	0.025	0.0%
Barium	17.9	17.9	0.0%
Cadmium	0.062	0.061	1.6%
Chromium	ND	ND	0.0%
Lead	0.120	0.119	0.8%
Mercury	ND	ND	0.0%
Selenium	ND	ND	0.0%
Silver	ND	ND	0.0%

ND - Parameter not detected at the stated detection limit.

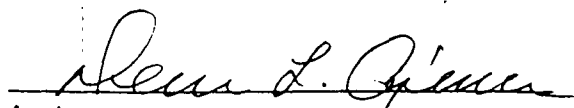
QA/QC Acceptance Criteria:	Parameter	Maximum Difference
	Trace Metals	30 %

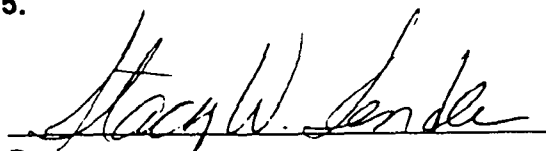
References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760 Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Comments: QA/QC for samples 8754 and 8755.


Analyst


Review

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Spike	Date Reported:	07-27-95
Laboratory Number:	8755	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	07-27-95
Condition:	N/A	Date Extracted:	07-26-95

Parameter	Spike Added (mg/L)	Sample Result (mg/L)	Spiked Sample Result (mg/L)	Percent Recovery
Arsenic	0.100	0.025	0.125	100%
Barium	0.50	17.8	18.4	99%
Cadmium	0.100	0.062	0.161	101%
Chromium	0.100	ND	0.100	100%
Lead	0.100	0.120	0.219	100%
Mercury	0.050	ND	0.050	100%
Selenium	0.100	ND	0.099	101%
Silver	1.0	ND	1.0	100%

ND - Parameter not detected at the stated detection limit.

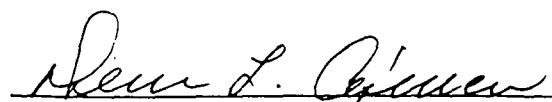
QA/QC Acceptance Criteria:	Parameter	Acceptance Range %
	TCLP Metals	80 - 120 %

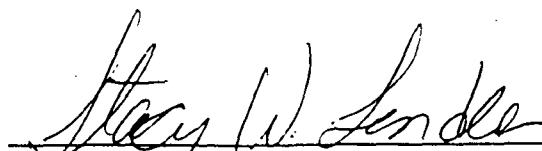
References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760 Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Comments: QA/QC for samples 8754 and 8755.


Analyst


Review

Client:	Enertek	Project #:	92143-01
Sample ID:	Yard Spills	Date Reported:	07-28-95
Laboratory Number:	8755	Date Sampled:	07-21-95
Chain of Custody:	4305	Date Received:	07-21-95
Sample Matrix:	Soil	Date Extracted:	07-24-95
Preservative:	Cool	Date Analyzed:	07-26-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200
p,m-Cresol	ND	0.040	200
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400
Pentachlorophenol	ND	0.020	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	97%
	2,4,6-Tribromophenol	94%

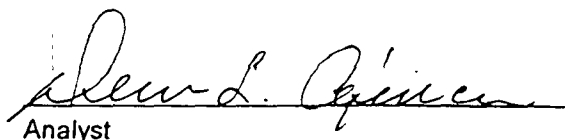
References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

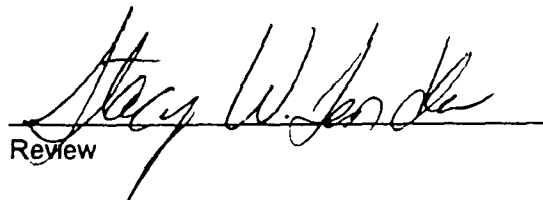
Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 198

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: 4901 E. Main, Farmington, NM. Includes hydraulic oil spill.


Analyst


Review

**QUALITY ASSURANCE / QUALITY CONTROL
DOCUMENTATION**

EPA METHOD 8040 PHENOLS Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	07-28-95
Laboratory Number:	07-26-TCA.BLANK	Date Sampled:	N/A
Sample Matrix:	2-Propanol	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-26-95
Condition:	N/A	Analysis Requested:	TCLP

Analytical Results	Concentration	Detection	Regulatory
Parameter	(mg/L)	Limit	Limit
		(mg/L)	(mg/L)
o-Cresol	ND	0.020	200
p,m-Cresol	ND	0.040	200
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400
Pentachlorophenol	ND	0.020	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-fluorophenol	104 %
	2,4,6-tribromophenol	98 %

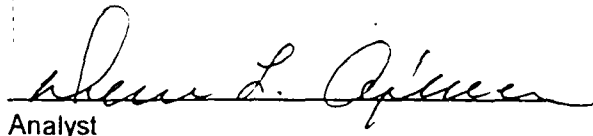
References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

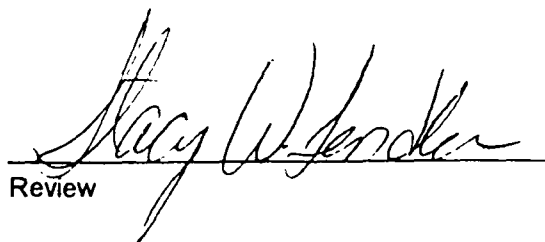
Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 198

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: QA/QC for sample number 8755.


Analyst


Review

EPA METHOD 8040
PHENOLS
Quality Assurance Report
Matrix Blank

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	07-28-95
Laboratory Number:	07-24-TCA.MB	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	07-24-95
Condition:	Cool & Intact	Date Analyzed:	07-26-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200
p,m-Cresol	ND	0.040	200
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400
Pentachlorophenol	ND	0.020	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	96%
	2,4,6-Tribromophenol	96%

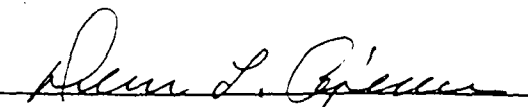
References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

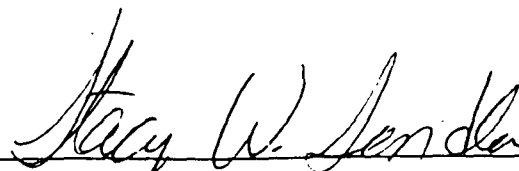
Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 198

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: QA/QC for sample number 8755.


Analyst


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Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	07-28-95
Laboratory Number:	8755	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	07-24-95
Condition:	Cool & Intact	Date Analyzed:	07-26-95
		Analysis Requested:	TCLP

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Detection Limit (mg/L)	Percent Difference
o-Cresol	ND	ND	0.020	0.0%
p,m-Cresol	ND	ND	0.040	0.0%
2,4,6-Trichlorophenol	ND	ND	0.020	0.0%
2,4,5-Trichlorophenol	ND	ND	0.020	0.0%
Pentachlorophenol	ND	ND	0.020	0.0%

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Maximum Difference
	8040 Compounds	30.0%

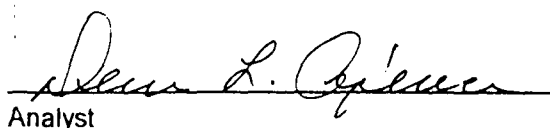
References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

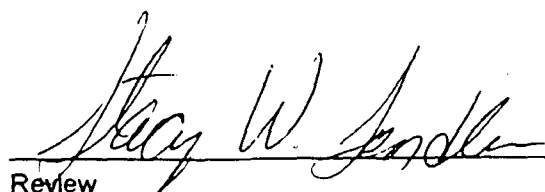
Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: QA/QC for sample number 8755.


Analyst


Review

ENVIROTECH LABS

RACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8090
Nitroaromatics and Cyclic Ketones
TCLP Base/Neutral Organics

Client:	Enertek	Project #:	92143-01
Sample ID:	Yard Spill	Date Reported:	07-28-95
Laboratory Number:	8755	Date Sampled:	07-21-95
Chain of Custody:	4305	Date Received:	07-21-95
Sample Matrix:	Soil	Date Extracted:	07-24-95
Preservative:	Cool	Date Analyzed:	07-26-95
Condition:	Cool and Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

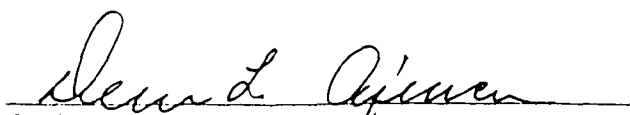
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery
	2-fluorobiphenyl	96%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: 4901 E. Main, Farmington, NM. Includes hydraulic oil spill.


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ENVIROTECH LABS

RACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

RACTICAL SOLUTIONS FOR A BETTER TOMORROW

**EPA Method 8090
Nitroaromatics and Cyclic Ketones
TCLP Base/Neutral Organics
Quality Assurance Report**

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	07-28-95
Laboratory Number:	07-26-tbn.blank	Date Sampled:	N/A
Sample Matrix:	Hexane	Date Received:	N/A
Preservative:	N/A	Date Extracted:	N/A
Condition:	N/A	Date Analyzed:	07-26-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

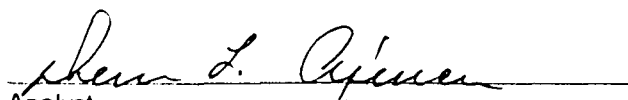
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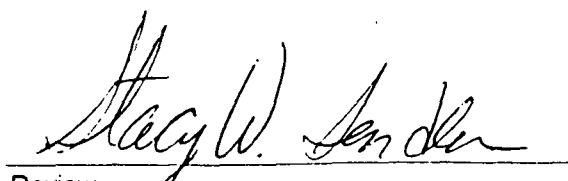
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	2-fluorobiphenyl	93%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for sample 8755.


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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8090

Nitroaromatics and Cyclic Ketones
TCLP Base/Neutral Organics
QA/QC Method Blank Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Blank	Date Reported:	07-28-95
Laboratory Number:	07-24-TBN.MB	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	07-24-95
Condition:	Cool and Intact	Date Analyzed:	07-26-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

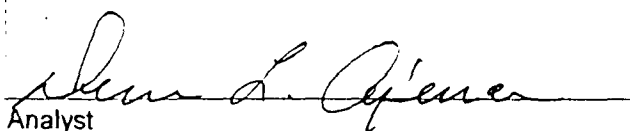
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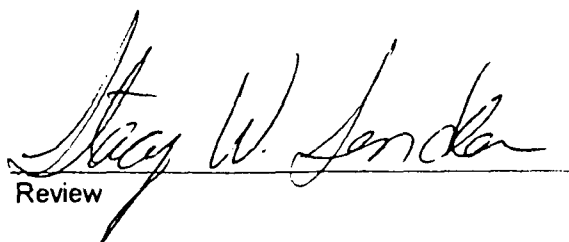
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	2-fluorobiphenyl	96%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for sample 8755.


Analyst


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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8090
Nitroaromatics and Cyclic Ketones
TCLP Base/Neutral Organics
QA/QC Matrix Duplicate Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	07-28-95
Laboratory Number:	8755	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Extracted:	07-24-95
Condition:	N/A	Date Analyzed:	07-26-95
		Analysis Requested:	TCLP

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference	Det. Limit (mg/L)
Pyridine	ND	ND	0.0%	0.020
Hexachloroethane	ND	ND	0.0%	0.020
Nitrobenzene	ND	ND	0.0%	0.020
Hexachlorobutadiene	ND	ND	0.0%	0.020
2,4-Dinitrotoluene	ND	ND	0.0%	0.020
HexachloroBenzene	ND	ND	0.0%	0.020

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Maximum Difference
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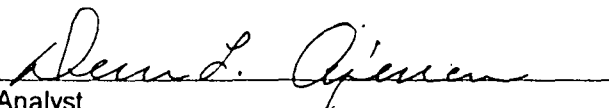
8090 Compounds

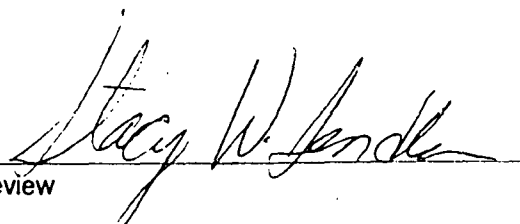
30%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for sample 8755.


Analyst


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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS

Client:	Enertek	Project #:	92143-01
Sample ID:	Yard Spills	Date Reported:	07-27-95
Laboratory Number:	8755	Date Sampled:	07-21-95
Chain of Custody:	4305	Date Received:	07-21-95
Sample Matrix:	Soil	Date Extracted:	07-24-95
Preservative:	Cool	Date Analyzed:	07-26-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.0002	0.2
1,1-Dichloroethene	ND	0.0002	0.7
2-Butanone (MEK)	ND	0.0001	200
Chloroform	ND	0.0002	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0002	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0001	0.5
Tetrachloroethene	ND	0.0002	0.7
Chlorobenzene	ND	0.0001	100
1,4-Dichlorobenzene	ND	0.0005	7.5

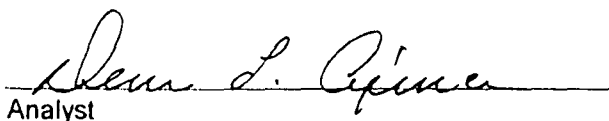
ND - Parameter not detected at the stated detection limit.

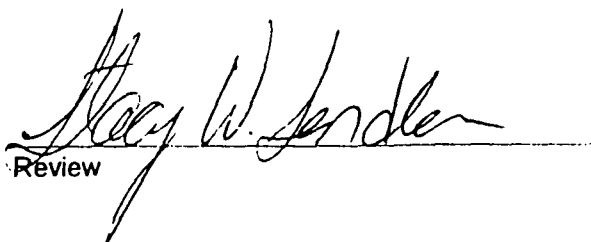
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Trifluorotoluene	100%
	Bromofluorobenzene	101%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: 4901 E. Main, Farmington, NM. Includes hydraulic oil spill.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

RACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS

Client: QA/QC
Sample ID: Method Blank
Laboratory Number: 07-24-TCV.MB
Sample Matrix: TCLP Extract
Preservative: N/A
Condition: N/A

Project #: N/A
Date Reported: 07-27-95
Date Sampled: N/A
Date Received: N/A
Date Analyzed: 07-26-95
Date Extracted: 07-24-95
Analysis Requested: TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.0002	0.2
1,1-Dichloroethene	ND	0.0002	0.7
2-Butanone (MEK)	ND	0.0001	200
Chloroform	ND	0.0002	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0002	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0001	0.5
Tetrachloroethene	ND	0.0002	0.7
Chlorobenzene	ND	0.0001	100
1,4-Dichlorobenzene	ND	0.0005	7.5

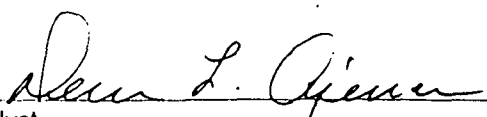
ND - Parameter not detected at the stated detection limit.

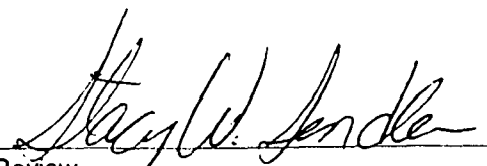
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Trifluorotoluene	102%
	Bromofluorobenzene	102%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for sample 8755.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS MATRIX DUPLICATE

Client: QA/QC
Sample ID: Matrix Duplicate
Laboratory Number: 8755
Sample Matrix: Soil
Analysis Requested: TCLP
Condition: N/A

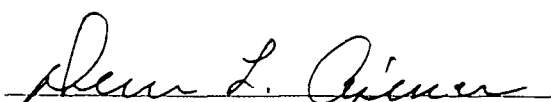
Project #: N/A
Date Reported: 07-27-95
Date Sampled: N/A
Date Received: N/A
Date Analyzed: 07-26-95
Date Extracted: 07-24-95

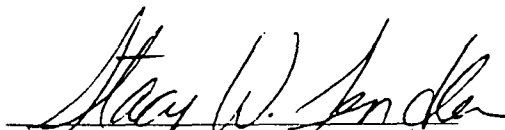
Parameter	Sample Result (mg/L)	Duplicate Sample Result (mg/L)	Detection Limits (mg/L)	Percent Difference
Vinyl Chloride	ND	ND	0.0002	0.0%
1,1-Dichloroethene	ND	ND	0.0002	0.0%
2-Butanone (MEK)	ND	ND	0.0001	0.0%
Chloroform	ND	ND	0.0002	0.0%
Carbon Tetrachloride	ND	ND	0.0001	0.0%
Benzene	ND	ND	0.0002	0.0%
1,2-Dichloroethane	ND	ND	0.0001	0.0%
Trichloroethene	ND	ND	0.0001	0.0%
Tetrachloroethene	ND	ND	0.0002	0.0%
Chlorobenzene	ND	ND	0.0001	0.0%
1,4-Dichlorobenzene	ND	ND	0.0005	0.0%

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for sample 8755.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS MATRIX SPIKE

Client: QA/QC
Sample ID: Matrix Spike
Laboratory Number: 8755
Sample Matrix: Soil
Analysis Requested: TCLP
Condition: N/A

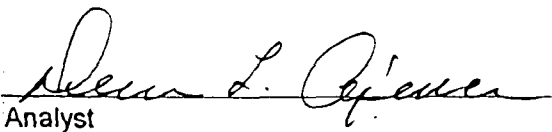
Project #: N/A
Date Reported: 07-27-95
Date Sampled: N/A
Date Received: N/A
Date Analyzed: 07-26-95
Date Extracted: 07-24-95

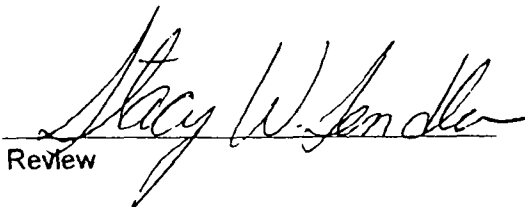
Parameter	Sample Result (mg/L)	Spike Added (mg/L)	Spiked Sample Result (mg/L)	Det. Limit (mg/L)	Percent Recovery	SW-846 % Rec. Accept. Range
Vinyl Chloride	ND	0.020	0.0181	0.0002	91%	28-163
1,1-Dichloroethene	ND	0.020	0.0188	0.0002	94%	43-143
2-Butanone (MEK)	ND	0.020	0.0188	0.0001	94%	47-132
Chloroform	ND	0.020	0.0188	0.0002	94%	49-133
Carbon Tetrachloride	ND	0.020	0.0185	0.0001	93%	43-143
Benzene	ND	0.020	0.0198	0.0002	98%	39-150
1,2-Dichloroethane	ND	0.020	0.0192	0.0001	96%	51-147
Trichloroethene	ND	0.020	0.0192	0.0001	96%	35-146
Tetrachloroethene	ND	0.020	0.0179	0.0002	89%	26-162
Chlorobenzene	ND	0.020	0.0184	0.0001	92%	38-150
1,4-Dichlorobenzene	ND	0.020	0.0192	0.0005	96%	42-143

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for sample 8755.


Analyst


Review

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ D.F.8/29 (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter Envirotech	
2. Destination Landfarm #2, Envirotech Soil Remediation Facility	5. Generator Meridian Oil Inc.	
3. Address of Facility Operator 5796 US Hwy 64-3014, Farmington, NM 87401	6. Name of Originating Site Val Verde Plant	
7. Originating Location of Material (Street Address or ULSTR) A S14 T29N R11W, NMPM	8. State from NM to NM	

9. Check One

- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Dates(s) for Transportation: 8/29/95

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of MDEA charcoal Filter Media

RECEIVED
AUG 30 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 7 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert M. Young TITLE Landfarm Supervisor DATE 8/29/95TYPE OR PRINT NAME Robert M. Young TELEPHONE NO. (505) 632-0615

(This space for State Use)

APPROVED BY Denny G. Faint TITLE Geologist DATE 8/30/95APPROVED BY Erica Bush TITLE " " DATE " "

CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

92197

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: Val Verde Plant
Source: INDSA Charcoal Filter media
Disposal Location: Envirotech Soil Remediation Facility (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Meridian Oil Inc.
concur with the status of the waste from the subject site.

Name Craig A. Back
Title/Agency Environmental Representative
Address P.O. Box 4289
Farmington New Mexico 87400-4289
Signature C. A. Back
Date 8/28/95

PO Box 4289, Farmington, NM 87489

92197

1. Waste Location: Lease/Well No. Val Verde Plant
2. Volume: 7 Cubic Yards Barrels _____ Gallons _____
3. Description of Waste: Charcoal Filter Media
4. Method of Waste Generation: Charcoal is used to filter the MDEA at the plant. MDEA is used to remove CO2 from the gas stream.
5. Disposal Facility: Envirotech
6. Disposal Cost: \$16 / yd³
7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal 7/1/95 Date 8/28/95
(signature)

Transportation Company: _____

Date(s) Transported: _____

MOI Representative on Site _____ Date _____
(signature)

Date(s) Received: _____

Total Volume Received: _____

Waste Location : Cell/Grid No. _____

Received By : _____
(signature)

93124-08

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ DF 8/23/95 (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter Waste Management	
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility	5. Generator PNM Gas Services Gas Company of New Mexico	
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401	6. Name of Originating Site KUTZ Plant	
7. Originating Location of Material (Street Address or ULSTR) D-S13-T28N-R11W NMPM	8. State New Mexico	
9. Check One ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for Transportation: 8/95		

BRIEF DESCRIPTION OF THE MATERIAL:

Process Salt and Molecular Sieve from Kutz Plant.

This material is in contact with Raw Natural Gas, not on the ~~trans~~ distribution line side of the facility.

RECEIVED
AUG 24 1995
OIL CON. DIV.
DIST. 31

Estimated Volume 30 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 8/22/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Fount TITLE Geologist DATE 8/24/95

APPROVED BY Spica Burch TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

93124-08

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: Kutz plant
Source: Old Gas Processing plant - Moen Lake
Disposal Location: Envirotech Soil Remediation Facility, (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for PNM Gas Services
concur with the status of the waste from the subject site.

Name DENVER BEARDEN
Title/Agency Administrator III
Address 603 W 6th
FARMINGTON N. Mex 87401
Signature Denver Bearden
Date 8-23-95

93124-08

1. RCRA Exempt: ☒ Non-Exempt: ☐
 Verbal Approval Received: Yes ☒ No ☐

4. Name of Transporter

Diamond D

2. Destination

Land Farm # 2 Envirotech Soil Remediation Facility

3. Address of Facility Operator

5796 US Hwy. 64-3014 Farmington, NM 87401

5. Generator

Gas a New Mexico

6. Name of Originating Site

Kutz Plant Herin S

7. Originating Location of Material (Street Address or ULSTR)

D - S 13 - T28N -

8. State

New Mexico

9. Check One

- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport

1/6/95

BRIEF DESCRIPTION OF THE MATERIAL:

Stabilized (w/sand) Fluids from pigging operations on the
 Kutz Plant Gathering Lines. Also includes exempt liquids from a Separator

RECEIVED
 AUG 18 1995
 OIL CON. DIV.
 DIST. 3

Estimated Volume 12 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 8/16/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Fenn TITLE Geologist DATE 8/18/95

APPROVED BY Ernie Burch TITLE _____ DATE _____

CONDITIONS OF APPROVAL IF ANY:

ENVIROTECH INC.

93124-08

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: Katz plant - Gathering System
Source: pipe line liquid - process water/Drip
Disposal Location: Envirotech Soil Remediation Facility, (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Gas Company, New Mex concur with the status of the waste from the subject site.

Name Donna Boardman
Title/Agency Administrative

Address 603 W 5th
FARMINGTON NM 87401

Signature Donna Boardman

Date 8/16/95

04047

1. RCRA Exempt: Non-Exempt: ☐
 Verbal Approval Received: Yes ☐ No ☒

2. Destination

Land Farm # 2 Envirotech Soil Remediation Facility

3. Address of Facility Operator

5796 US Hwy. 64-3014 Farmington, NM 87401

7. Originating Location of Material (Street Address or ULSTR)

See chkd List

4. Name of Transporter

Phil Environmental

5. Generator

EL Paso Natural Gas

6. Name of Originating Site

VARIOUS PITS

8. State

New Mexico

9. Check One

- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport

Jul 95

BRIEF DESCRIPTION OF THE MATERIAL:

Exempt Contaminated Soil From Various dehydrator and drip
 pits in New Mexico

RECEIVED
 AUG 17 1995
 OIL CON. DIV.
 DIST. 3

Estimated Volume 12293 yd³ Known Volume (to be entered by the operator at the end of the haul): 12293 yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 8/16/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Furst TITLE Geologist DATE 8/18/95

APPROVED BY Ernie Bush TITLE u DATE u

CONDITIONS OF APPROVAL, IF ANY:

ENVIRONMENTAL SOIL REMEDIATION FACILITY
HILLTOP, NEW MEXICO
EPNG (04047) TRACKING LOG 7/95

JULY 1995
LANDFARM #2

COORDINATES T-R-S-L	METER # (s)	PIT NAME	SHIPMENT DATE	CLOSURE DATE	QUANTITY CUBIC YARDS	DESTINATION (LANDFARM : CELL)
22-3-11-C	93790	CHACON AMIGOS #6	07/05/95	07-14-95	389	LF #2: S-15, S-16
22-3-1-O	93458	BONANZA #3	07/06/95	07-05-95	151	LF #2: T-15, T-14
22-3-11-A	93789	BONANZA #4	07/06/95	07-08-95	207	LF #2: T-15, T-14
22-2-8-C	75974	JICARILLA #1	07/06/95	07-05-95	73	LF #2: T-14
22-3-11-A	93789	BONANZA #4	07/07/95	07-08-95	333	LF #2: U-13, T-13
22-3-1-B	87094	JICARILLA 360 #1	07/07/95	07-08-95	66	LF #2: U-13, T-13
22-3-1-B	87094	JICARILLA 360 #1	07/08/95	07-08-95	250	#2: U-V11, U-V12, S12
22-3-11-A	93789	BONANZA #4	07/08/95	07-08-95	18	LF #2: U-11
22-3-12-E	93701	CHACON AMIGO #3	07/08/95	N/A	292	#2: U-V11, U-V12, S12
22-3-12-K	93768	CHACON AMIGO #4	07/08/95	07-10-95	176	LF #2: S-12, U-12
23-3-12-K	93768	CHACON AMIGO #4	07/10/95	07-10-95	359	LF #2: S-12, S-13
22-2-5-I	94852	INDIAN BEND A #3	07/10/95	07-11-95	230	LF #2: S-14, S-13
22-3-2-I	93370	CHACON AMIGO #2	07/10/95	07-11-95	36	LF #2: S-13, S-14
22-2-5-I	94852	INDIAN BEND A #3	07/11/95	07-11-95	330	LF #2: S-11, S-10, T-13
22-3-2-I	93370	CHACON AMIGO #2	07/11/95	07-11-95	211	LF #2: S-11, S-10
22-3-12-G	93791	BONANZA #5	07/11/95	07-13-95	348	LF #2: S-10, T-14, T-1
22-3-12-G	93791	BONANZA #5	07/12/95	07-13-95	590	LF #2: S-9, S-8, S-7
22-3-2-B	93100	CHACON AMIGO #1	07/12/95	07-14-95	300	LF #2: S-9, S-8, S-7
22-3-2-A	87080	JICARILLA TRIBAL 360 #3	07/12/95	07-14-95	160	LF #2: S-7, S-8
22-3-2-A	87080	JICARILLA TRIBAL 360 #3	07/13/95	07-14-95	10	LF #2: S-7
22-3-2-K	94462	BONANZA #8	07/13/95	07-14-95	120	LF #2: S-7, S-6
23-3-36-I	94026	INDIAN BEND #9	07/13/95	07-13-95	240	LF #2: S-7, S-6
22-3-3-A	90289	CHACE APACHE 54-1	07/13/95	07-14-95	230	LF #2: S-6, S-5
23-3-36-A	94030	INDIAN BEND #8	07/13/95	07-13-95	150	LF #2: S-6, S-5
23-3-36-A	94030	INDIAN BEND #8	07/14/95	07-13-95	30	LF #2: S-5
24-4-13-K	02964	APACHE #26	07/17/95	07-18-95	40	LF #2: S-4, S-5
24-4-13-I	90435	APACHE #122	07/17/95	07-14-95	210	LF #2: S-4, S-5, S-3
24-4-24-G	02875	APACHE #25	07/17/95	07-25-95	90	LF #2: S-5, S-4
24-4-24-G	02875	APACHE #25	07/18/95	07-25-95	70	LF #2: S-3, S-2
24-4-13-I	90435	APACHE #122	07/18/95	07-14-95	82	LF #2: S-3, S-2
24-4-3-M	90420	APACHE #115	07/18/95	07-17-95	50	LF #2: S-2
24-4-3-M	90420	APACHE #115	07/19/95	07-17-95	220	LF #2: S-1, T-1
24-4-4-I	93051	APACHE #124-157 CDP	07/19/95	07-25-95	220	LF #2: S-1, T-1
24-4-3-M	90420	APACHE #115	07-20-95	07-17-95	500	LF #2: T-1, U-1, V-1
24-4-4-I	93051	APACHE #124-157 CDP	07-20-95	07-25-95	130	LF #2: T-1, U-1
25-4-27-E	74862	JICARILLA #12-B	07-20-95	07-21-95	240	LF #2: U-1, V-1, W-1
24-4-3-M	89879	APACHE #19	07-20-95	07-17-95	130	LF #2: V-1, W-1
25-4-28-I	N/A	2C-30 LINE DRIP	07-20-95	07-21-95	88	LF #2: W-1, X-1
25-4-28-I	N/A	2C-30 LINE DRIP	07-21-95	07-21-95	10	LF #2: X-1
26-4-27-E	74862	JICARILLA #12-B	07-21-95	07-21-95	60	LF #2: X-1
24-4-8-A	74565	JICARILLA #8 H	07-21-95	07-24-95	120	LF #2: X-1
24-4-8-A	90821	JICARILLA #104	07-21-95	07-25-95	340	LF #2: X-1, Y-1, Z-1
25-4-32-I	72655	JICARILLA D #7	07-21-95	07-21-95	220	LF #2: Y-1, Z-1, AA-1
25-4-33-C	74968	JICARILLA B #14	07-21-95	07-21-95	188	LF #2: Y-1, Z-1, AA-1
24-8-8-I	93290	JICARILLA #115	07-21-95	07-24-95	160	LF #2: Z-1, AA-1, S-2
24-4-5-P	74569	JICARILLA H #3	07-21-95	07-24-95	40	LF #2: AA-1, S-2
24-4-5-P	74569	JICARILLA H #3	07-24-95	07-24-95	215	LF #2: S-2, T-2, U-2
24-4-5-A	74564	JICARILLA H #1	07-24-95	07-24-95	200	LF #2: S-2, T-2, U-2
25-4-32-F	90636	JICARILLA 30 #15	07-24-95	07-24-95	207	LF #2: T-2, U-2
24-4-3-M	90420	APACHE #115	07-24-95	07-07-95	108	LF #2: U-2, V-2
25-4-32-M	90090	JICARILLA 30 #8	07-24-95	07-25-95	60	LF #2: U-2, V-2
25-4-32-M	90090	JICARILLA 30 #8	07-25-95	07-25-95	294	LF #2: V-2, W-2, X-2
24-4-3-M	90420	APACHE #115	07-25-95	07-17-95	56	LF #2: V-2
24-4-13-I	90435	APACHE #122	07-25-95	07-14-95	190	LF #2: V-2, W-2
24-4-8-K	93085	JICARILLA #106	07-25-95	07-27-95	180	LF #2: W-2, X-2
24-4-5-C	93169	JICARILLA #109	07-25-95	07-26-95	110	LF #2: X-2
24-4-8-C	74566	JICARILLA #9-H	07-26-95	07-26-95	174	LF #2: X-2, Y-2
24-4-5-C	93169	JICARILLA #109	07-26-95	07-26-95	122	LF #2: X-2, Y-2
24-4-8-K	93085	JICARILLA #106	07-26-95	07-27-95	150	LF #2: X-2, Y-2
24-4-6-A	93119	JICARILLA #110	07-26-95	07-27-95	254	#2: Y-2, Z-2, AA-1, AA-2
24-4-2-J	93165	JICARILLA #111	07-26-95	07-26-95	216	LF #2: Y-2, Z-2, AA-2
24-4-8-C	93172	JICARILLA #113	07-26-95	07-26-95	294	#2: Y-2, Z-2, AA-2, AA-1
23-3-20-I	74798	STROMBERG #1	07-27-95	07-27-95	180	LF #2: S-3
24-4-6-A	93119	JICARILLA #110	07-27-95	07-27-95	114	LF #2: S-3, T-3
23-3-19-P	75862	CINCO DIABLOS #11	07-27-95	07-27-95	104	LF #2: T-3
23-3-19-P	75862	CINCO DIABLOS #11	07-28-95	07-27-95	120	LF #2: T-3
23-4-24-I	87148	JICARILLA TRIBAL 390 #2	07-28-95	N/A	28	LF #2: T-3
23-3-20-F	74648	MARGURITE #3	07-28-95	07-28-95	120	LF #2: T-3, T-4
23-4-24-I	87148	JICARILLA TRIBAL 390 #2	07-31-95	N/A	200	LF #2: V-3
23-2-18-J	N/A	2C-140 LAT LINE DRIP	07-31-95	N/A	90	LF #2: V-3, W-3

TOTAL YARDAGE THIS PAGE:

12293

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: A list of pit closure sites is attached. July 1995

Source: various dehydrator and drip pits in the state of New Mexico

Disposal Location: Envirotech Soil Remediation Facility, (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned as the agent for the _____
concur with the status of the waste from the subject site.

Name Sandra D. Miller

Title/Agency Superintendent/Compliance Engineering

P.O. Box 4990

Address Farmington NM 87499-99

Signature *Sandra D. Miller*

Date 8/15/95

Envirotech

8/15/95

CLOSED	METER	METER2	LOCATION	S T R L
7/5/95	93458		Bonanza #3	1-22-3-O
7/14/95	93790		Chacon Amigos #6	11-22-3-C
7/10/95	93788		Chacon Amigos #4	12-22-3-K
7/8/95	87094		Jicarilla 360 #1	1-22-3-B
7/5/95	75974		Jicarilla #1	8-22-2-C
7/8/95	93789		Bonanza 4	11-22-3-A
7/13/95	93791		Bonanza #5	12-22-3-G
7/11/95	94852		Indian bend A #3	5-22-2-I
7/11/95	93370		Chacon Amigos #2	2-22-3-I
7/13/95	94026		Indian Bend #9	38-23-3-I
7/13/95	94030		Indian Bend #8	38-23-3-A
7/14/95	94482		Bonanza #8	2-22-3-K
7/14/95	90289		Chaco Apache 54-1	3-22-3-A
7/14/95	90435		Apache #122	13-24-4-I
7/25/95	02875		Apache #25	24-24-4-G
7/18/95	02964		Apache #26	13-24-4-K
7/17/95	89879		Apache 19	3-24-4-M
7/17/95	90420		Apache #115	3-24-4-M
7/25/95	93051		Apache 124&157 CDP	4-24-4-I
7/21/95	74968		Jicarilla B #14	33-25-4-C
7/21/95	72655		Jicarilla d #7	32-25-4-I
7/21/95	74882		Jicarilla #12-B	27-25-4-E
7/21/95	N/A		2C-30 Line Drip	28-25-4-I
7/24/95	90636		Jicarilla 30 #15	32-25-4-F
7/25/95	90090		Jicarilla 30 #8	32-25-4-M
7/24/95	74565		Jicarilla #8 H	8-24-4-A
7/25/95	90821		Jicarilla #104	8-24-4-A
7/26/95	74566		Jicarilla #9-H	8-24-4-C
7/28/95	93172		Jicarilla #113	8-24-4-C
7/24/95	93290		Jicarilla #115	8-24-4-I
7/24/95	74569		Jicarilla H #3	5-24-4-P
7/24/95	74564		Jicarilla H #1	5-24-4-A
7/26/95	93169		Jicarilla #109	5-24-4-C
7/27/95	93119		Jicarilla #110	6-24-4-A
7/27/95	74790		Stromberg #1	20-23-3-J
7/27/95	93085		Jicarilla #106	8-24-4-K
7/27/95	75882		Cinco Diablos #11	19-23-3-P
7/28/95	93165		Jicarilla #111	2-24-4-J
7/28/95	74648		Margurite #3	20-23-3-F
7/14/95	93100		Chacon Amigo #1	2-22-3-B
7/14/95	87080		Jicarilla Tribal 360 #3	2-22-3-A
	87148		Jicarilla Tribal 390 #2	24-23-4-I
	N/A		2c-140 lat Line Drip	18-23-2-J
	93701		Chacon Amigos #3	12-22-3-E

92197

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ D.F 8/14 (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter Envirotech	
2. Destination Landfarm #2, Envirotech Soil Remediation Facility	5. Generator Meridian Oil Inc.	
3. Address of Facility Operator 5796 US Hwy 64-3014, Farmington, NM 87401	6. Name of Originating Site Val Verde Plant	
7. Originating Location of Material (Street Address or ULSTR) A S14 T29N R11W, NMPM	8. State from NM to NM	

9. Check One

- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Dates(s) for Transportation: 8/16/95

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of MDEA charcoal Filter Media

RECEIVED
AUG 17 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 10 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert M. Young TITLE Landfarm Supervisor DATE 8/16/95

TYPE OR PRINT NAME Robert M. Young TELEPHONE NO. (505) 632-0615

(This space for State Use)

APPROVED BY Denny G. Fount TITLE Geologist DATE 8/18/95

APPROVED BY Eric Burch TITLE u DATE u

CONDITIONS OF APPROVAL, IF ANY:

5796 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS
OILFIELD EXEMPT WASTE

Originating Location: Val Verde plant
Source: Charcoal Filter media
Disposal Location: Envirotech Soil Remediation Facility (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Meridian Oil Inc.
concur with the status of the waste from the subject site.

Name Craig A. Bock
Title/Agency Environmental Representative
Address P.O. Box 4289
Farmington New Mexico 87499-4289
Signature C. A. Bock
Date 8/14/95

PO Box 4289, Farmington, NM 87499

92197

1. Waste Location: Lease/Well No. Val Verde Plant

2. Volume: 10 Cubic Yards Barrels Gallons

3. Description of Waste: Charcoal Filter Media with approx
1 yard of soil

4. Method of Waste Generation: Charcoal is used to filter the MDEA at the plant. MDEA is used to remove CO₂ from the gas stream.

5. Disposal Facility: Environ Loc

6. Disposal Cost: \$16,423

7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal C. H. Dark Date 8/14/95
(signature)

MOI
Representative

Transportation Company: _____

Date(s) Transported: _____

MOI Representative on Site _____ Date _____
(signature)

Disposal Facility
Complete and
return to
Meridian
Safety and
Environmental
with invoice.

Date(s) Received: _____

Total Volume Received: _____

Waste Location : Cell/Grid No. _____

Received By : _____
(signature)

95026 Anderson

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ N/A (Submitting this form for oilfield exempt waste is optional)		4. Name of Transporter Envirotech
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility		5. Generator BJ Services (Formerly Western Co) 42101
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401		6. Name of Originating Site BJ Services Yard
7. Originating Location of Material (Street Address or ULSTR) 3250 South Side River Road, Farmington NM 87401		8. State New Mexico

9. Check One

☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; on certificate per job.

☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.

☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport

Projected Dates(s) for Transportation: 8/95

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of Floor Sweep from Maintenance bays
- TCLP from Western Co (Former name of BJ Services) enclosed

RECEIVED
AUG 17 1995
OIL CON. DIV.
DIST. 3

RECEIVED
AUG 10 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 5 dry drums yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 8/8/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Fount TITLE Geologist DATE 8/11/95

APPROVED BY C. S. Fount TITLE GEOLOGIST DATE 8-15-95

CONDITIONS OF APPROVAL, IF ANY:

95026

1. RCRA Exempt: ☐ Non-Exempt: ☒
 Verbal Approval Received: Yes ☐ No ☒ N/A

2. Destination

Land Farm # 2 Envirotech Soil Remediation Facility

3. Address of Facility Operator

5796 US Hwy. 64-3014 Farmington, NM 87401

7. Originating Location of Material (Street Address or ULSTR)

3250 1st Ave SW Farmington NM 87401

4. Name of Transporter

Envirotech

5. Generator

BJ Services ^{formerly Western Co}

6. Name of Originating Site

BJ Services and

8. State

New

9. Check One

- ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport

89

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of Floor Sweep from Maintenance bays

- TCLP from Western Co (former name of BJ Services) enclosed

RECEIVED
AUG 10 1995

OIL CON. DIV.
DIST. 3

Estimated Volume 5 dry drums yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert Young TITLE Land Farm Supervisor DATE 8/8/95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Fount TITLE Geologist DATE 8/11/95

APPROVED BY _____ TITLE _____ DATE _____

Scuba Fe 8/11/95
CONDITIONS OF APPROVAL, IF ANY:

505-632-1865 ENVIROTECH INC

571 P02

AUG 08 '95 15:12

ENVIROTECH INC.

95026

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

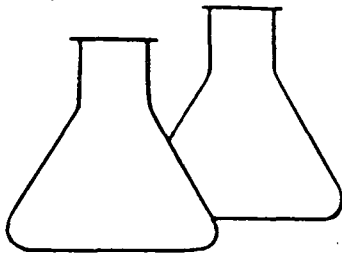
CERTIFICATE OF WASTE STATUS OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: BT Services 3250 South Side River Road
Source: Floor Sweep from Shop
Disposal Location: Envirotech Soil Remediation Facility, (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for BT Services
concur with the status of the waste from the subject site.

Name Les Baugh
Title/Agency Environmental Coordinator
Address 3250 South Side River Road
Farmington New Mexico 87401
Signature Les Baugh
Date 8/8/95



ENVIROTECH LABS

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

95026

May 24, 1995

Mr. Les Baugh
Western Company
3250 Southside River Road
Farmington, New Mexico 87401

Dear Mr. Baugh,

Enclosed are the analytical results for the stockpile soil collected from 3250 Southside River Road in Farmington, New Mexico on 05/17/95. One 5-point composite sample was collected by Envirotech personnel and delivered to the Envirotech laboratory for Hazardous Waste Characterization analysis. The sample was documented on Envirotech Chain of Custody No. 4221, and assigned Laboratory No. 8517 for tracking purposes.

Results of the analysis indicate that this material is not a characteristic hazardous waste as defined by 40 CFR, Section 261, Subpart C. This material is therefore acceptable for disposal at the Envirotech Soil Remediation Facility (ESRF), Landfarm #2 located at Hilltop, New Mexico. A Certificate of Waste Status is enclosed and must be completed and received by Envirotech prior to transportation of the stockpile soil to the ESRF. A fax copy is acceptable ((505) 632-1865). Documentation will then be submitted to the New Mexico Oil Conservation Division (NMOCD) for approval. Receipt of NMOCD approval can be expected in approximately two weeks, after which the material can be transported to the ESRF.

Results of this TCLP analysis are valid for one year from the date the sample was collected, and will expire on May 17, 1996.

Should you have any questions or require additional information, please do not hesitate to contact us at (505) 632-0615. It has been our pleasure doing business with you, and we hope you will consider Envirotech, Inc. for any of your future environmental contracting needs.

Respectively submitted,
Envirotech, Inc.

Stacy W. Sandler
Environmental Scientist

enc.
SWS/sws

92101.lb1/TCLP.ltr

550

95020

SUSPECTED HAZARDOUS & SOLID WASTE ANALYSIS

Client:	Western Co.	Project #:	92101
Sample ID:	5 Point Composite	Date Reported:	05-23-95
Lab ID#:	8517	Date Sampled:	05-17-95
Sample Matrix:	Kitty Litter	Date Received:	05-17-95
Preservative:	Cool	Date Analyzed:	05-23-95
Condition:	Cool & Intact	Chain of Custody:	4221

IGNITABILITY: Did not ignite upon direct contact with flame.

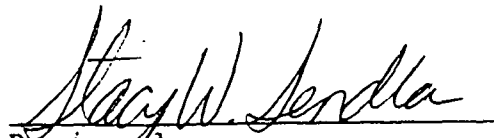
CORROSIVITY: pH of 6.69

REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: $\leq$ pH 2 or $\geq$ pH 12.5 is hazardous waste.
3250 Southside River Rd., Farmington, NM.


Analyst


Reviewed

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Q5026

EPA METHODS 8010/8020
AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	Western Co.	Project #:	92101
Sample ID:	5 pt. Composite	Date Reported:	05-19-95
Laboratory Number:	8517	Date Sampled:	05-17-95
Chain of Custody:	4221	Date Received:	05-17-95
Sample Matrix:	Kitty Litter	Date Extracted:	05-17-95
Preservative:	Cool	Date Analyzed:	05-18-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.006	0.2
1,1-Dichloroethene	ND	0.005	0.7
2-Butanone (MEK)	ND	0.006	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethane	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.005	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

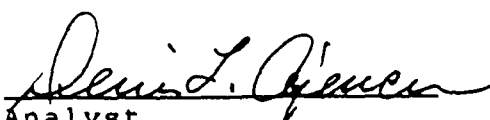
SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	95 %
	Bromofluorobenzene	95 %

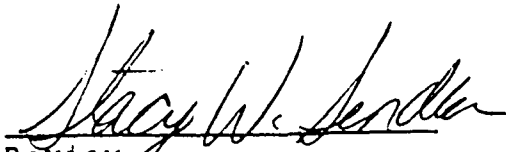
Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

ND = Parameter not detected at the stated detection limit.

Comments: 3250 Southside River Rd., Farmington, NM.


Analyst


Review

**QUALITY ASSURANCE / QUALITY CONTROL
DOCUMENTATION**

Q5020

AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	05-19-95
Laboratory Number:	05-18-TCV.BLK	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-18-95
Condition:	N/A	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.006	0.2
1,1-Dichloroethene	ND	0.005	0.7
2-Butanone (MEK)	ND	0.006	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethane	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.005	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:

Parameter	Percent Recovery
Trifluorotoluene	94 %
Bromofluorobenzene	96 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992

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

Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992.

ND = Parameter not detected at the stated detection limit.
N/A = Not Applicable.

Comments: QA/QC for sample 8517.

Kevin L. O'Brien
Analyst

Maay W. Lender
Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

95026

EPA METHODS 8010/8020
AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	05-19-95
Laboratory Number:	05-17-TCV.MB	Date Sampled:	N/A
Chain of Custody:	N/A	Date Received:	N/A
Sample Matrix:	Soil	Date Extracted:	05-17-95
Preservative:	N/A	Date Analyzed:	05-18-95
Condition:	N/A	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.006	0.2
1,1-Dichloroethene	ND	0.005	0.7
2-Butanone (MEK)	ND	0.006	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethane	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.005	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	98 %
	Bromofluorobenzene	94 %

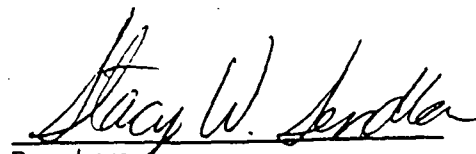
Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

ND = Parameter not detected at the stated detection limit.

Comments: QA/QC for sample 8517.


Analyst


Review

45024

**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE**
EPA METHOD 8010/8020 AROMATIC VOLATILE/HALOGENATED VOLATILE ORGANICS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	05-19-95
Laboratory Number:	8517	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	05-18-95
Condition:	N/A		

Parameter	Duplicate		Detection Limits (mg/L)	Percent Difference
	Sample Result (mg/L)	Sample Result (mg/L)		
Vinyl Chloride	ND	ND	0.006	0.0%
1,1-Dichloroethene	ND	ND	0.005	0.0%
2-Butanone (MEK)	ND	ND	0.006	0.0%
Chloroform	ND	ND	0.005	0.0%
Carbon Tetrachloride	ND	ND	0.005	0.0%
Benzene	ND	ND	0.005	0.0%
1,2-Dichloroethane	ND	ND	0.005	0.0%
Trichloroethene	ND	ND	0.005	0.0%
Tetrachloroethene	ND	ND	0.005	0.0%
Chlorobenzene	ND	ND	0.005	0.0%
1,4-Dichlorobenzene	ND	ND	0.005	0.0%

Method: Method 1311, Toxicity Characteristic Leaching Procedure
 Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

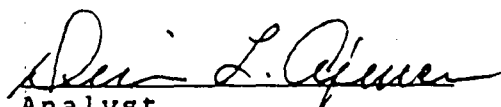
Method 5030, Purge-and-Trap, Test Methods for Evaluating
 Solid Waste, SW-846, USEPA, July 1992.

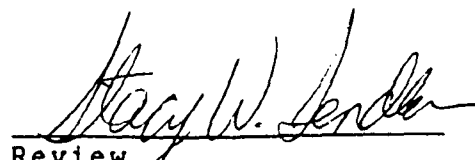
Method 8010, Halogenated Volatile Organics, Test Methods
 for Evaluating Solid Waste, SW-846, USEPA, July 1992.

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.
 N/A = Not Applicable.

Comments: QA/QC for sample 8517.


 Analyst


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95026

** QUALITY ASSURANCE

EPA METHODS 8010/8020

MATRIX SPIKE - AROMATIC / HALOGENATED VOLATILE ORGANICS

Client: QA/QC
Sample ID: Matrix Spike
Laboratory Number: 8517
Sample Matrix: Soil
Analysis Requested: TCLP
Condition: N/A

Project #: N/A
Date Reported: 05-19-95
Date Sampled: N/A
Date Received: N/A
Date Analyzed: 05-18-95

Parameter	Sample Result (mg/L)	Spike Added (mg/L)	Spiked Sample Result (mg/L)	Det. Limit (mg/L)	Percent Recovery	SW-846 % Rec. Accept. Range
Vinyl Chloride	ND	0.020	0.022	0.006	98	28-163
1,1-Dichloroethene	ND	0.020	0.020	0.005	99	43-143
2-Butanone (MEK)	ND	0.020	0.024	0.006	93	47-132
Chloroform	ND	0.020	0.020	0.005	99	49-133
Carbon Tetrachloride	ND	0.020	0.019	0.005	97	43-143
Benzene	ND	0.020	0.021	0.005	99	39-150
1,2-Dichloroethane	ND	0.020	0.019	0.005	97	51-147
Trichloroethene	ND	0.020	0.020	0.005	98	35-146
Tetrachloroethene	ND	0.020	0.023	0.005	95	26-162
Chlorobenzene	ND	0.020	0.019	0.005	94	38-150
1,4-Dichlorobenzene	ND	0.020	0.020	0.005	98	42-143

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

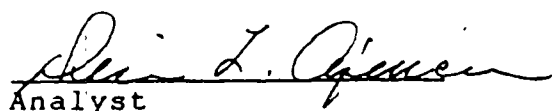
Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.

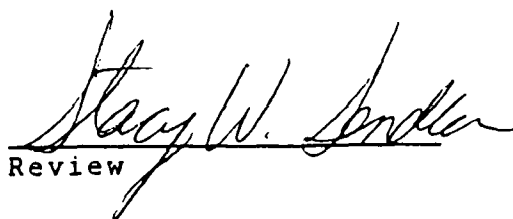
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND = Parameter not detected at the stated detection limit.

N/A = Not Applicable.

Comments: QA/QC for sample 8517.


Analyst


Review

Q5026

EPA METHOD 8090
NITROAROMATICS AND CYCLIC KETONES

Client:	Western Co.	Project #:	92101
Sample ID:	5 Point Composite	Date Reported:	05-22-95
Laboratory Number:	8517	Date Sampled:	05-17-95
Chain of Custody:	4221	Date Received:	05-17-95
Sample Matrix:	Kitty Litter	Date Extracted:	05-17-95
Preservative:	Cool	Date Analyzed:	05-19-95
Condition:	Cool and Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	0.062	0.020	5.0
Hexachloroethane	0.058	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	0.048	0.020	0.13
HexachloroBenzene	ND	0.021	0.13

SURROGATE RECOVERY:

Parameter	Percent Recovery
2-fluorobiphenyl	117 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

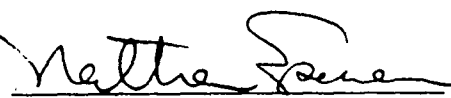
Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

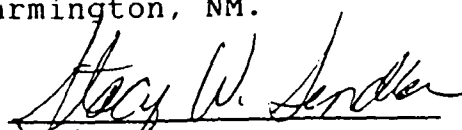
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986.

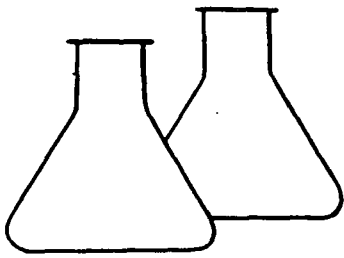
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND - Parameter not detected at the stated detection limit.

Comments: 3250 Southside River Rd., Farmington, NM.


Analyst


Review



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q5026

**QUALITY ASSURANCE / QUALITY CONTROL
DOCUMENTATION**

G5024

EPA METHOD 8090
NITROAROMATICS AND CYCLIC KETONES

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	05-22-95
Laboratory Number:	0519BNLB	Date Sampled:	N/A
Sample Matrix:	Hexane	Date Received:	N/A
Preservative:	N/A	Date Extracted:	N/A
Condition:	N/A	Date Analyzed:	05-19-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.021	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	118 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

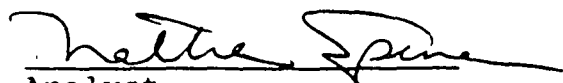
Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

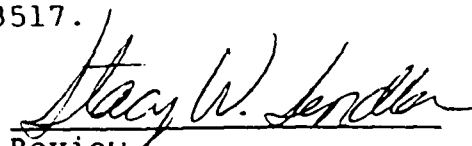
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND = Parameter not detected at the stated detection limit.
N/A = Not Applicable.

Comments: QA/QC for samples 8493 and 8517.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

95026

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Blank	Date Reported:	05-22-95
Laboratory Number:	0516BNMB	Date Sampled:	N/A
Chain of Custody:	N/A	Date Received:	N/A
Sample Matrix:	Soil	Date Extracted:	05-16-95
Preservative:	Cool	Date Analyzed:	05-19-95
Condition:	Cool and Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.021	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	101 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

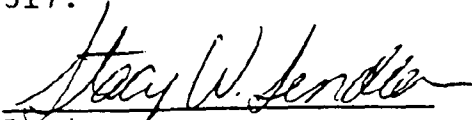
Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8493 and 8517.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

95026

** QUALITY ASSURANCE REPORT MATRIX DUPLICATE
EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client: QA/QC Project #: N/A
Sample ID: Matrix Duplicate Date Reported: 05-22-95
Laboratory Number: 8493 Date Sampled: 05-15-95
Sample Matrix: Soil Date Received: 05-15-95
Preservative: Cool Date Extracted: 05-16-95
Condition: Cool & intact Date Analyzed: 05-19-95
Analysis Requested: TCLP

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference
Pyridine	0.023	0.022	4.4
Hexachloroethane	ND	ND	0.0
Nitrobenzene	ND	ND	0.0
Hexachlorobutadiene	ND	ND	0.0
2,4-Dinitrotoluene	ND	ND	0.0
Hexachlorobenzene	ND	ND	0.0

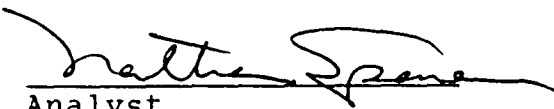
QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

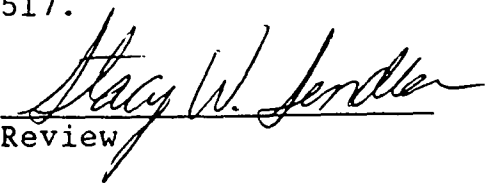
Method: Method 5030, Purge-and-Trap, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

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: QA/QC for samples 8493 and 8517.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

95026

EPA METHOD 8040 PHENOLS

Client:	Western Co.	Project #:	92101
Sample ID:	5 Point Composite	Date Reported:	05-22-95
Laboratory Number:	8517	Date Sampled:	05-17-95
Chain of Custody:	4221	Date Received:	05-17-95
Sample Matrix:	Kitty Litter	Date Extracted:	05-17-95
Preservative:	Cool	Date Analyzed:	05-22-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	0.024	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	0.137	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-Fluorophenol	112 %
	2,4,6-Tribromophenol	95 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

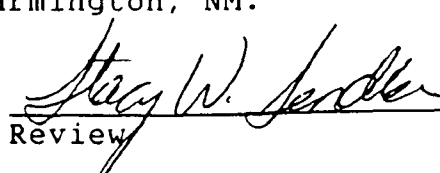
Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

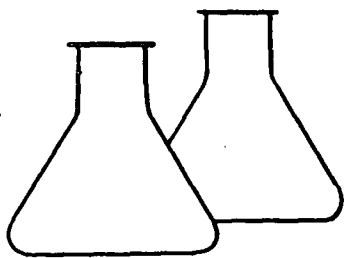
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND - Parameter not detected at the stated detection limit.

Comments: 3250 Southside River Rd., Farmington, NM.


Analyst


Review



ENV ROTECH LABS

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95024

**QUALITY ASSURANCE / QUALITY CONTROL
DOCUMENTATION**

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

95020

EPA METHOD 8040 PHENOLS

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	05-22-95
Laboratory Number:	0522TALB	Date Sampled:	N/A
Sample Matrix:	2-Propanol	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-22-95
Condition:	N/A	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	102 %
	2,4,6-tribromophenol	101 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

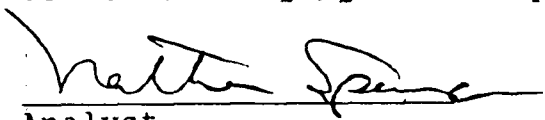
Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

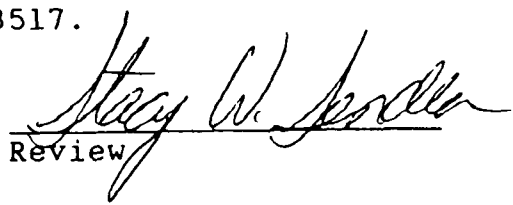
Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8493 and 8517.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

65026

EPA METHOD 8040 PHENOLS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Blank	Date Reported:	05-22-95
Laboratory Number:	0516TAMB	Date Sampled:	N/A
Chain of Custody:	N/A	Date Received:	N/A
Sample Matrix:	Soil	Date Extracted:	05-16-95
Preservative:	Cool	Date Analyzed:	05-22-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-Fluorophenol	111 %
	2,4,6-Tribromophenol	108 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

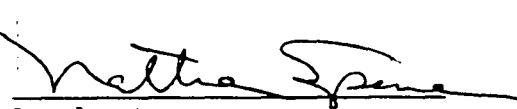
Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

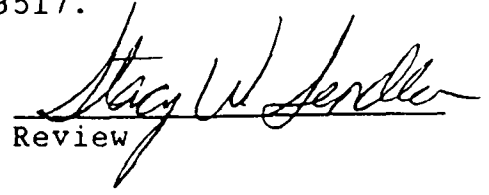
Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 8493 and 8517.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

95026

**** QUALITY ASSURANCE REPORT MATRIX DUPLICATE**
EPA METHOD 8040 PHENOLS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	05-22-95
Laboratory Number:	8493	Date Sampled:	05-15-95
Sample Matrix:	Soil	Date Received:	05-15-95
Preservative:	Cool	Date Extracted:	05-16-95
Condition:	Cool & intact	Date Analyzed:	05-22-95
		Analysis Requested:	TCLP

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Percent Difference
o-Cresol	ND	ND	0.0
p,m-Cresol	ND	ND	0.0
2,4,6-Trichlorophenol	ND	ND	0.0
2,4,5-Trichlorophenol	ND	ND	0.0
Pentachlorophenol	ND	ND	0.0

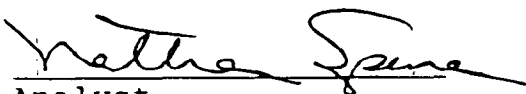
QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

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: QA/QC for samples 8493 and 8517.


Analyst


Review

EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS

Client:	Western Co.	Project #:	92101
Sample ID:	5 Point Composite	Date Reported:	05-23-95
Laboratory Number:	8517	Date Sampled:	05-17-95
Chain of Custody:	4221	Date Received:	05-17-95
Sample Matrix:	Kitty Litter	Date Analyzed:	05-22-95
Preservative:	Cool	Date Extracted:	05-17-95
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
ARSENIC	0.168	0.001	5.00
BARIUM	ND	0.01	100
CADMIUM	ND	0.001	1.00
CHROMIUM	0.003	0.001	5.00
LEAD	0.020	0.001	5.00
MERCURY	ND	0.002	0.200
SELENIUM	ND	0.001	1.00
SILVER	ND	0.001	5.00

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

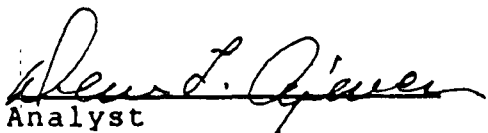
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

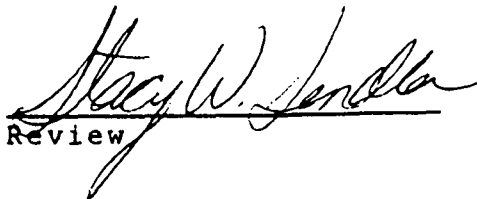
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992.

ND = Parameter not detected at the stated detection limit.

Comments: 3250 Southside River Rd., Farmington, NM.


Analyst


Review

**QUALITY ASSURANCE / QUALITY CONTROL
DOCUMENTATION**

45026

EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS - BLANKS

Client:	QA/QC	Project #:	N/A
Sample ID:	Blanks	Date Reported:	05-23-95
Laboratory Number:	N/A	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	05-22-95
Condition:	N/A	Date Extracted:	N/A

Parameter	Instrument Blank (mg/L)	Extraction Sol. Blank (mg/L)	Det. Limit (mg/L)
-----	-----	-----	-----
ARSENIC	ND	ND	0.001
BARIUM	ND	ND	0.01
CADMIUM	ND	ND	0.001
CHROMIUM	ND	ND	0.001
LEAD	ND	ND	0.001
MERCURY	ND	ND	0.002
SELENIUM	ND	ND	0.001
SILVER	ND	ND	0.001

Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

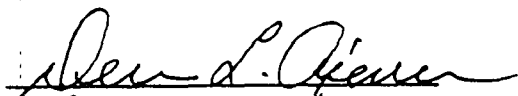
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

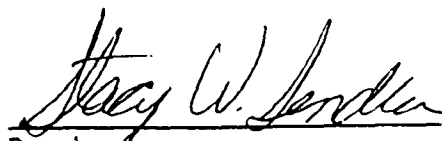
Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND = Parameter not detected at the stated detection limit.

N/A = Not Applicable.

Comments: QA/QC for samples 8493, 8500, 8517, 8529.


Analyst


Reviewer

Q5026

QUALITY ASSURANCE REPORT
EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS - DUPLICATE

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	05-23-95
Laboratory Number:	8493	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	Trace Metals	Date Analyzed:	05-22-95
Condition:	N/A	Date Extracted:	05-16-95

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference
ARSENIC	0.005	0.005	0.0
BARIUM	0.080	0.080	0.0
CADMIUM	0.002	0.002	0.0
CHROMIUM	ND	ND	0.0
LEAD	0.070	0.068	2.9
MERCURY	ND	ND	0.0
SELENIUM	ND	ND	0.0
SILVER	ND	ND	0.0

QA ACCEPTANCE CRITERIA:	Parameter	Maximum Difference
	Trace Metals	30 %

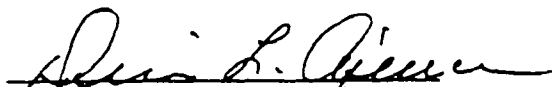
Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

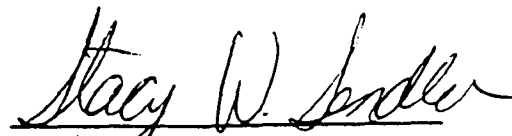
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND = Parameter not detected at the stated detection limit.
N/A = Not Applicable.

Comments: QA/QC for samples 8493, 8500, 8517, 8529.


Analyst


Review

95024

QUALITY ASSURANCE REPORT
EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS - MATRIX SPIKE

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Spike	Date Reported:	05-23-95
Laboratory Number:	8493	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	05-22-95
Condition:	N/A	Date Extracted:	05-16-95

Parameter	Spike Added (mg/L)	Sample Result (mg/L)	Spiked Sample Result (mg/L)	Percent Recovery
ARSENIC	0.100	0.005	0.105	100
BARIUM	0.50	0.08	0.57	98
CADMIUM	0.100	0.002	0.102	100
CHROMIUM	0.200	ND	0.197	98
LEAD	0.200	0.070	0.269	99
MERCURY	0.050	ND	0.049	98
SELENIUM	0.100	ND	0.099	99
SILVER	1.00	ND	1.02	102

QA ACCEPTANCE CRITERIA:	Parameter	Acceptance Range %
	TCLP Metals	80 - 120

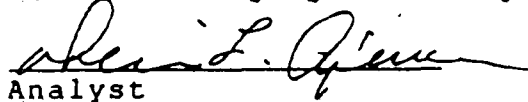
Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

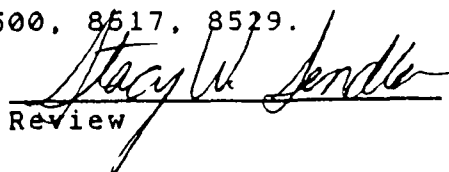
Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND = Parameter not detected at the stated detection limit.
N/A = Not Applicable.

Comments: QA/QC for samples 8493, 8500, 8517, 8529.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name

92101

Project Location 3250 Souths

Mington, N

ANALYSIS/PARAMETERS

NS 5-19-95

Remarks

(Signature)

Chain of Custody Tape No.

Sample No./
IdentificationSample
DateSample
Time

Lab Number

Sample
MatrixNo. of
Containers

SPark

5-1

1125

851

Ki litter 1

" "
Wask.

by: (Signature)

Date

Time

Received by: (Signature)

Date

Time

5-17

1150

atthe

5-17-9

1150

by: (Signature)

Received by: (Signature)

by: (Signature)

Received by: (Signature)

ENVIROTECH INC.

5796 U.S. Highway 64-3014
Farmington, New Mexico 87401
(505) 632-0615

BT Services 9210 95026
Western CO 92101

TCLP #8517
Collected 5/17/95

OK

Maximum Contaminant Concentrations For Toxicity Characteristic Wastes

Waste Stream Constituent	Concentration (milligrams/liter, mg/l)	EPA HW No.	Waste Stream Constituent	Concentration (milligrams/liter, mg/l)	EPA HW No.
✓ Arsenic	5.0	D004	✓ Hexachlorobenzene	0.13	D032
✓ Barium	100.0	D005	✓ Hexachlorobutadiene	0.5	D033
✓ Benzene	0.5	D018	✓ Hexachloroethane	3.0	D034
✓ Cadmium	1.0	D006	✓ Lead	5.0	D008
✓ Carbon Tetrachloride	0.5	D019	• Lindane	0.4	D013
Chlordane	0.03	D020	✓ Mercury	0.2	D009
✓ Chlorobenzene	100.0	D021	• Methoxychlor	10.0	D014
✓ Chloroform	6.0	D022	✓ Methyl ethyl ketone	200.0	D035
✓ Chromium	5.0	D007	✓ Nitrobenzene	2.0	D036
✓ Cresol	200.0	D026	✓ Pentachlorophenol	100.0	D037
m-Cresol	200.0	D024	✓ Pyridine	5.0	D038
p-Cresol	200.0	D023	✓ Selenium	1.0	D010
o-Cresol	200.0	D025	✓ Silver	5.0	D011
• 2,4-D	10.0	D016	• 2,4,5-TP (Silvex)	1.0	D017
✓ 1,4-Dichlorobenzene	7.5	D027	✓ Tetrachloroethylene	0.7	D039
✓ 1,2-Dichloroethane	0.5	D028	• Toxaphene	0.5	D015
✓ 1,1-Dichloroethylene	0.7	D029	✓ Trichloroethylene	0.5	D040
✓ 2,4-Dinitrotoluene	0.13	D030	✓ 2,4,5-Trichlorophenol	400.0	D041
• Endrin	0.02	D012	✓ 2,4,6-Trichlorophenol	2.0	D042
Heptachlor	0.008	D031	✓ Vinyl chloride	0.2	D043

*=EP Toxic wastes; TCLP must now be utilized for characterizing these wastes

RCT is ok

92197

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ D.F. <u>7/24/95</u> (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter Envirotech	
2. Destination Landfarm #2, Envirotech Soil Remediation Facility	5. Generator Meridian Oil Inc.	
3. Address of Facility Operator 5796 US Hwy 64-3014, Farmington, NM 87401	6. Name of Originating Site Val Verde Plant	
7. Originating Location of Material (Street Address or ULSTR) A S14 T29N R11W, NMPM	8. State from NM to NM	
9. Check One ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Dates(s) for Transportation: 7/24/95		

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of MDEA charcoal Filter Media

Sent to O&D
8/1/95
Fung

RECEIVED
AUG - 3 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 7 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert M. Young TITLE Landfarm Supervisor DATE 7/24/95TYPE OR PRINT NAME Robert M. Young TELEPHONE NO. (505) 632-0615

(This space for State Use)

APPROVED BY Denny G. Feunt TITLE Geologist DATE 8/7/95APPROVED BY Ernie Busch TITLE 4 DATE 4

CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

92197

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64-3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: Val Verde Plant
Source: Charcoal Filter media
Disposal Location: Envirotech Soil Remediation Facility (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Meridian Oil Inc.
concur with the status of the waste from the subject site.

Name Craig A. Bock
Title/Agency Environmental Representative
Address P.O. Box 4289
Farmington New Mexico 87409-4289
Signature Craig A. Bock
Date 7/24/95

Exempt Waste Manifest
Meridian Oil Inc.

PO Box 4289, Farmington, NM 87499

92197

Safety and
Environmental

1. Waste Location: Lease/Well No. Val Verde Plant
2. Volume: 7 Cubic Yards Barrels Gallons
3. Description of Waste: Charcoal Filter Media with a
small amount of clean soil. No Free liquids
4. Method of Waste Generation: Charcoal is used to filter the MDEA at
the plant. MDEA is used to remove CO2 from the gas stream.
5. Disposal Facility: Envirotech
6. Disposal Cost: 16³/Yrd.
7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal

(signature)

Date 7/24/95

MOI
Representative

Transportation Company:

Date(s) Transported:

MOI Representative on Site

(signature)

Date

Disposal Facility

Complete and

return to

Meridian

Safety and

Environmental

with invoice.

Date(s) Received:

Total Volume Received:

Waste Location : Cell/Grid No.

Received By :

(signature)

Revised January 16, 1994

TO ACCEPT SOLID WASTE		XXXXXX
1. RCRA Exempt: ☒ Oilfield Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ F.C.7/28 (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter Envirotech	
2. Destination Landfarm #2, Envirotech Soil Remediation Facility	5. Generator Meridian Oil Inc.	
3. Address of Facility Operator 5796 US Hwy 64-3014, Farmington, NM 87401	6. Name of Originating Site Val Verde Plant	
7. Originating Location of Material (Street Address or ULSTR) A S14 T29N R11W, NMPM	8. State from NM to NM	

9. **Check One**

- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Dates(s) for Transportation: 7/28/95

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of MDEA charcoal Filter Media

Sent to OGD
8/1/95
RMJ

RECEIVED
AUG - 3 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 9 yd³ Known Volume (to be entered by the operator at the end of the haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert M. Young TITLE Landfarm Supervisor DATE 7/28/95

TYPE OR PRINT NAME Robert M. Young TELEPHONE NO. (505) 632-0615

(This space for State Use)

APPROVED BY Denny G. Faint TITLE Geologist DATE 8/7/95

APPROVED BY Ernie Busch TITLE RM DATE 2

CONDITIONS OF APPROVAL, IF ANY:

32157

ENVIROTECH INC.

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SOIL REMEDIATION • SITE REMEDIATION

7800 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 832-0615

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: Valverde Plant
Source: Charcoal Filter Media
Disposal Location: Envirotech Soil Remediation Facility (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Meridian Oil Inc.
concur with the status of the waste from the subject site.

Name Craig A. Rock
Title/Agency Environmental Representative
Address P.O. Box 4289
Farmington New Mexico 87499-4289
Signature C. A. Rock
Date 7/28/95

Waste Manifest
Meridian Oil Inc.
Farmington, NM 87499

9207

Safety and
Environmental

1. Waste Location: Well No. Val Verde Plant
2. Volume: 9 Cubic Yards Barrels Gallons
3. Description of Waste: Charcoal Filter Media
4. Method of Waste Generation: Charcoal is used to filter the MDEA at the plant. MDEA is used to remove CO2 from the gas stream.
5. Disposal Facility: Envirotech
6. Disposal Cost: \$16/yd³
7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal

(signature)

Date

MOI
Representative

Transportation Company:

Date(s) Transported:

MOI Representative on Site

(signature)

Date

Disposal Facility

Complete and
return to
Meridian

Safety and
Environmental
with invoice.

Date(s) Received:

Total Volume Received:

Waste Location: Cell/Grid No.

Received By:

(signature)

92117-15

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ (Submitting this form for oilfield exempt waste is optional)	7:45 A.M. Verbal DENNY FOUST.	4. Name of Transporter EL PASO
2. Destination Land Farm # 2 Envirotech Soil Remediation Facility		5. Generator EL PASO NAT. GAS CO.
3. Address of Facility Operator 5796 US Hwy. 64-3014 Farmington, NM 87401		6. Name of Originating Site LATERAL O-21 LINE DRIP
7. Originating Location of Material (Street Address or ULSTR) LATERAL O-21 LINE DRIP (SEC 12, T30N, R9W)		8. State NEW MEXICO

9. Check One
- ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.
- All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Date(s) for Transportation:

BRIEF DESCRIPTION OF THE MATERIAL:

PIPELINE LIQUIDS FROM A LINE DRIP.

Rec 80cy Sol
7/21/95, LF#2
H-13, H-15

RECEIVED
AUG - 3 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 30-40 yd³ Known Volume (to be entered by the operator at the end of the haul): 80 yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Harold M. Brown for RMY TITLE Land Farm Supervisor DATE 7-21-95

TYPE OR PRINT NAME Robert Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY Denny G. Foust TITLE Geologist DATE 8/7/95

APPROVED BY James Burch TITLE u DATE u

CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

9217-15

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: LATERAL 0-21 LINE DRIP (SEC 12, T 30 R 9)
Source: PIPELINE LIQUIDS FROM A LINE DRIP
Disposal Location: Envirotech Soil Remediation Facility, (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned as the agent for the EL PASO NATURAL GAS Co.
concur with the status of the waste from the subject site.

Name SANDRA D. MILLER
Title/Agency SUPT. ENVIRONMENTAL COMPLIANCE
EL PASO NATURAL GAS Co.
Address P.O. Box 4990
FARMINGTON, NM 87499
Signature Sandra D. Miller
Date 7/20/95

Miles travelled 29 Departure time 08:30 Return time 14:45

Inspection results:

TRAVELED TO ENVIROTECH OFFICES AND MET WITH HARLAN BROWN AND GARY REID TO FOR A COOPERATIVE REVIEW OF PAPERWORK DOCUMENTING MATERIAL ENTERING THE ENVIROTECH LANDFARMS. ALL DOCUMENTATION IS ON OCD DESIGNED FORMS OR REQUIRED PERMITS AND INCLUDES BOTH EXEMPT AND NON-EXEMPT WASTES. ENVIROTECH HAD ALL THE PAPERWORK ON HAND TO DOCUMENT THE MATERIAL WHICH HAS ENTERED THE LANDFARMS. I HAVE RECOMMENDED TO HARLAN BROWN AND GARY REID THAT EVERY EFFORT BE MADE TO KEEP AN UPDATED READING AND REVIEW FILE FOR THE NMOC D PERMITTED LANDFARMS. THE MATERIALS WERE ALL ASSEMBLED IN THE OFFICE BUT SCATTERED AND NOT READILY AVAILABLE FOR REFERENCE. THE READING AND REVIEW FILE SYSTEM WAS ESTABLISHED IN PREVIOUS YEARS AND JUST NEEDS TO BE KEPT UPDATED. NO INSPECTION OF THE ACTUAL LANDFARMS WAS MADE ON THIS TRIP--THEY ARE SOME THIRTY MILES FROM THE ENVIROTECH OFFICES.

Inspection H Class O Facility M

This is record number 536 from f:\field\fld_trip.dbf.

P. O. Box 1940
Hobbs, NM 88241-1980
District II (505) 748-1283
877 S. First
Artesia, NM 88210
District III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV (505) 827-7131

New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

CLIENT
Department

Form C-138
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ <i>2140P/1-16-96 previous agreement w/ Dennis four.</i>	4. Generator <i>Medion Oil Inc.</i>
2. Management Facility Destination <i>Envirotech Soil Remediation Facility Landfarm No. 2 Hilltop, NM</i>	5. Originating Site <i>Val Verde Plant</i>
3. Address of Facility Operator <i>5796 Hwy. 64-3014 Farmington, NM</i>	6. Transporter <i>Envirotech</i>
7. Location of Material (Street Address or ULSTR) <i>A 514 T29N R11 W, NM PM</i>	8. State <i>NM</i>
9. Circle One: ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. <i>12/29/95 1/8/96</i> All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Continuation of MDEA Charcoal Filter Media.

12/5/95

Lf #2

BOX: 8909

Grid: D21

RECEIVED
JAN 17 1996
OIL CON. DIV.
DIST. 3

*Sent to OCD
1/16/96
Ver. approval 1/16/96 11:05
14:11*

Estimated Volume 15 cy Known Volume (to be entered by the operator at the end of the haul) 15 cy

SIGNATURE: *Robert M. Young* TITLE: Landfarm Supervisor DATE: 1/16/96
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Robert M. Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY: *Denny S. Feunt* TITLE: Geologist DATE: 1/17/96
APPROVED BY: *Ernie Bunch* TITLE: u DATE: u

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: Val Verde Plant
Source: Charcoal Filter Pots for MDEA
Disposal Location: Envirotech Soil Remediation Facility (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1982 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Meridian Oil Inc.
concur with the status of the waste from the subject site.

Name Craig A. Beck
Title/Agency Environmental Representative
Address P.O. Box 4289
Farmington New Mexico 87409-4289
Signature C. A. Beck
Date 12/1/95

PO Box 4289, Farmington, NM 87499

MERIDIAN-FORMING LUN

ENVIROTECH INC.

PRAGTICAL SOLUTIONS FOR A BETTER TOMORROW

January 10, 1996

RECEIVED
JAN 12 1996

OIL CON. DIV.
DIST. 3

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

RE: September/October EPNG/Envirotech Tracking Log

Dear Denny:

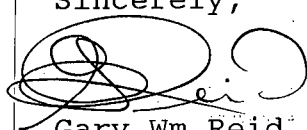
As to our telephone conversation Tuesday morning, January 9, 1996, we have found the questionable meter#/pit names not reported on the September closing records from EPNG. These meter runs were reported on October closing records from EPNG and therein lies the problem.

The meter# 94292 as reported by Envirotech is now changed to 74292.

Please see the attachments enclosed.

Thanx Denny.

Sincerely,



Gary Wm Reid, Phd
Petroleum Engineer/Geologist

Enclosures

GWM:vah:denny.wp

ENVIROTECH SOIL REMEDIATION FACILITY
HILLTOP, NEW MEXICO
EPNG (04047) TRACKING LOG 9/95

SEPTEMBER 1995
LANDFARM #2 & #4

COORDINATES T-R-S-L	METER # (s)	PIT NAME	SHIPMENT DATE	CLOSURE DATE	QUANTITY CUBIC YARDS	DESTINATION (LANDFARM : CELL)
26-6-19-K	93183 & 9318	REAMS COM #3	09/26/95	09/26/95	100	LF #2: K-17
25-5-23-E	95923	JICARILLA CONTRACT #148-18Y	09/26/95	09/26/95	138	LF #4: B-3, C-10
24-4-4-K	93147	APACHE #132	09/26/95	10/03/95	280	LF #4: B-3, C-10, E-4, A-3
25-4-29-H	90188	JICARILLA 30 #9	09/26/95	10/02/95	198	LF #4: B-3, E-4, A-1, A-3
24-4-4-C	93174	APACHE #131	09/26/95	10/03/95	114	LF #4: E-4, C-10, A-3
24-4-4-D	87919	JICARILLA 127 S #7	09/26/95	10/03/95	10	LF #4: C-10
24-2-31-K	73846	LINDRITH UNIT #54	09/27/95	09/27/95	20	LF #2: K-17
24-4-4-K	93147	APACHE #132	09/27/95	10/03/95	136	LF #2: E-4, D-4, C-10
24-4-4-K	87919	JICARILLA 127 S #7	09/27/95	10/03/95	18	LF #4: E-4
25-4-29-H	90188	JICARILLA 30 #9	09/27/95	10/02/95	154	LF #4: D-4, C-10
24-4-7-I	93174	JICARILLA #116	09/27/95	10/03/95	264	LF #4: C-10, D-4, C-4, B-4
25-4-22-P	74787	JICARILLA #5-C	09/27/95	10/02/95	182	LF #4: C-10, C-4, B-4
25-4-27-J	74561	JICARILLA #7-B	09/27/95	10/02/95	54	LF #4: B-4
25-4-24-J	74561	JICARILLA #7-B	09/28/95	10/02/95	154	LF #4: C-4, D-5, C-10
25-4-22-P	74787	JICARILLA #5-C	09/28/95	10/02/95	130	LF #4: C-4, C-10, D-5

TOTAL YARDAGE THIS PAGE:
TOTAL YARDAGE THIS MONTH:

1952
17246

ENVIRONMENTAL SOIL REMEDIATION FACILITY
HILLTOP, NEW MEXICO
EPNG (04047) TRACKING LOG 9/95

SEPTEMBER 1995
LANDFARM #2 & #4

COORDINATES T-R-S-L	METER # (s)	PIT NAME	SHIPMENT DATE	CLOSURE DATE	QUANTITY CUBIC YARDS	DESTINATION (LANDFARM CELL)
25-5-29-I	74868	JICARILLA #67-9 PC	09/01/95	09/08/95	150	LF #4: A-8, A-7, L-3, B-6, L-2
25-5-14-D	95927	JICARILLA CONTRACT 148 #32	09/01/95	09/08/95	186	LF #4: L-3, A-8, B-8, A-7
25-5-14-H	95941	JICARILLA CONTRACT 148 #34	09/01/95	09/08/95	234	LF #4: L-2
25-5-14-P	95942	JICARILLA CONTRACT 148 #35	09/01/95	09/07/95	344	LF #4: L-3, A-8, L-1, B-6
25-5-29-I	74868	JICARILLA #67-9 PC	09/01/95	09/08/95	46	LF #4: L-2, L-3, B-8
28-11-26-P	72890	OHIO C COM #3 SOUTH PIT	09/01/95	09/12/95	798	LF #2: N-18, M-17, L-15, L-16
28-11-26-P	72890	OHIO C COM #3 SOUTH PIT	09/05/95	09/12/95	198	LF #2: L-19, M-19
25-5-14-D	95927	JICARILLA CONTRACT 148 #32	09/05/95	09/08/95	106	LF #4: C-9, K-4
25-5-14-P	95942	JICARILLA CONTRACT 148 #35	09/05/95	09/07/95	46	LF #4: C-9, K-4
25-5-13-N	95936	JICARILLA CONTRACT 148 #38	09/05/95	09/05/95	162	LF #4: K-4, D-7
24-5-1-K	90697	JICARILLA APACHE TRIBAL 35 #1	09/05/95	09/07/95	166	LF #4: D-7, A-10, J-5, B-10, J-4
25-5-23-F	93423	JICARILLA CONTRACT 148 #18	09/05/95	09/07/95	128	LF #4: D-7, A-10, J-4
25-5-15-A	94057	JICARILLA CONTRACT 148 #25	09/05/95	09/08/95	88	LF #4: B-7, A-10, J-5
24-5-12-L	94555	JICARILLA GAS COM 35 D #1	09/05/95	09/07/95	236	LF #4: A-10, J-5, J-4, B-10
25-5-15-H	95928	JICARILLA CONTRACT 148 #33	09/05/95	09/08/95	122	LF #4: B-10, J-4
25-5-15-H	95928	JICARILLA CONTRACT 148 #33	09/06/95	09/08/95	100	LF #4: C-10
24-5-1-K	90697	JICARILLA APACHE TRIBAL 35 #1	09/06/95	09/07/95	266	LF #4: C-10, B-2
24-5-12-L	94555	JICARILLA GAS COM 35 D #1	09/06/95	09/07/95	144	LF #4: B-2
25-5-10-M	73543	JICARILLA CONTRACT 148-16	09/06/95	09/08/95	20	LF #4: C-10
25-5-25-D	74351	JICARILLA APACHE A #1	09/06/95	09/08/95	100	LF #4: C-10
24-5-11-A	N/A	LATERAL 2C-24	09/06/95	09/08/95	18	LF #4: B-2
28-11-26-P	72890	OHIO C COM #3 SOUTH PIT	09/06/95	09/12/95	328	LF #2: M-15, R-17, N-15
28-11-26-P	72890	OHIO C COM #3 SOUTH PIT	09/07/95	09/12/95	354	LF #2: O-17, O-18, L-14, L-15
25-5-25-D	74351	JICARILLA APACHE A #1	09/07/95	09/08/95	80	LF #4: M-1, A-1, C-10
25-5-29-I	72461	JICARILLA #67-9 CH	09/07/95	09/08/95	174	LF #4: M-1, A-1, A-2, B-10, C-10
24-5-1-K	90697	JICARILLA APACHE TRIBAL 35 #1	09/07/95	09/07/95	88	LF #4: M-2, A-1, C-10
24-5-11-A	N/A	LATERAL 2C-24	09/07/95	09/08/95	392	LF #4: A-1, A-2, C-1, C-10, B-2
28-11-26-P	72890	OHIO C COM #3 SOUTH PIT	09/08/95	09/12/95	686	LF #2: O-17, K-18, M-18, K-10, K-19
24-5-11-A	N/A	LATERAL 2C-24	09/08/95	09/08/95	330	LF #4: A-2, B-2, B-7, B-8, D-10
25-5-29-I	72461	JICARILLA #67-9 CH	09/08/95	09/08/95	68	LF #4: A-7, A-2
24-5-2-J	93113	JICARILLA GAS COM 35C #1E	09/08/95	09/12/95	282	LF #4: A-7, B-7, B-2
24-5-3-L	N/A	LATERAL 2C-24	09/11/95	09/19/95	330	LF #4: B-6, B-7
24-5-2-J	93113	JICARILLA GAS COM 35C #1E	09/11/95	09/12/95	604	LF #4: B-7, L-2, B-2, D-2
24-5-3-L	N/A	LATERAL 2C-24	09/12/95	09/19/95	246	LF #4: C-1, K-1, L-2, B-8
25-5-32-J	N/A	LATERAL 2C-46	09/12/95	09/19/95	398	LF #4: C-1, K-1, H-1, M-2, B-8, L-1
24-5-2-J	93113	JICARILLA GAS COM 35C #1E	09/12/95	09/12/95	36	LF #4: M-2
24-4-3-E	87098	JICARILLA L #3 DK	09/12/95	09/19/95	104	LF #4: B-8, M-2
24-5-9-L	02434	JICARILLA N.E. HAYNES #9-1	09/12/95	09/19/95	18	LF #4: L-3
24-5-9-L	02434	JICARILLA N.E. HAYNES #9-1	09/12/95	09/19/95	346	LF #4: K-1, K-2, B-7, B-8, J-2
25-5-32-J	N/A	LATERAL 2C-46	09/13/95	09/19/95	474	LF #4: K-1, K-2, B-8, T-2, B-7, J-3
24-5-10-D	93184	JICARILLA C #9	09/13/95	09/19/95	88	LF #4: J-3, B-7
25-5-32-J	N/A	LATERAL 2C-46	09/18/95	09/19/95	28	LF #4: I-1, B-9
24-5-10-D	93184	JICARILLA C #9	09/18/95	09/19/95	256	LF #4: I-1, I-2, B-9
25-5-33-M	74884	JICARILLA CONTRACT #10	09/18/95	9/19/95	280	LF #4: I-2, B-9, H-1, H-2, B-10
26-5-17-H	N/A	2C-94 LINE DRIP	09/18/95	09/19/95	548	LF #4: I-2, B-9, H-2
25-6-13-P	N/A	2C-45 LINE DRIP	09/19/95	09/19/95	170	LF #2: K-19
26-5-17-H	N/A	2C-94 LINEDRIP	09/19/95	09/19/95	320	LF #4: C-5, G-2
25-5-33-M	74884	JICARILLA CONTRACT #10	09/19/95	09/19/95	116	LF #4: G-2, C-5, C-6
24-5-16-P	02346	JICARILLA N.E. HAYNES LEASE #3	09/19/95	09/22/95	394	LF #4: C-6, F-1, F-2
26-5-17-B	75625	JICARILLA A #8	09/19/95	09/19/95	108	LF #4: G-1, F-2
25-5-4-A	94274	JICARILLA CONTRACT 146 #36	09/19/95	08/22/95	10	LF #4: C-6
25-6-11-O	N/A	K-58 LINE DRIP	09/20/95	09/20/95	80	LF #2: K-19
24-5-16-P	02346	JICARILLA N.E. HAYNES LEASE #3	09/20/95	09/22/95	288	LF #4: E-1, E-2, D-1
24-5-7-M	74316	APACHE FEDERAL #4	09/20/95	09/20/95	260	LF #4: C-6, C-7
25-5-4-A	94274	JICARILLA CONTRACT 146 #36	09/20/95	09/22/95	410	LF #4: E-2, D-1, D-2, C-7, D-2
24-5-28-C	N/A	2C-14 LINE DRIP	09/20/95	09/21/95	298	LF #4: D-1, C-7, D-2
24-3-5	14080	JICARILLA #C-11	09/20/95	09/22/95	70	LF #4: C-7
24-5-28-C	N/A	2C-14 LINE DRIP	09/21/95	09/21/95	38	LF #4: B-2, C-8
24-5-28-C	90283	JICARILLA OTERO LEASE WELL #5	09/21/95	09/22/95	220	LF #4: C-8
25-5-4-A	94274	JICARILLA CONTRACT 146 #36	09/21/95	09/22/95	488	LF #4: C-1, C-2, B-3, E-3, C-8, D-3
25-5-36-I	93316	JICARILLA 35 #8	09/21/95	09/22/95	100	LF #4: C-1, A-1, B-1, C-8, E-3
25-4-30-O	90089	JICARILLA 30 #7	09/21/95	09/22/95	90	LF #4: E-3, D-3
26-6-35-K	71956	KLEEN #6	09/21/95	09/21/95	100	LF #2: K-19, J-19
26-6-34-A	N/A	K-51 LINE DRIP	09/21/95	09/25/95	40	LF #2: J-19
25-4-30-O	90089	JICARILLA 30 #7	09/22/95	09/22/95	174	LF #4: D-3, C-9, F-3, G-3
25-5-28-C	90283	JICARILLA OTERO LEASE WELL #5	09/22/95	09/22/95	146	LF #4: C-9, F-3
25-5-4-A	94224	JICARILLA CONTRACT 146 #36	09/22/95	09/22/95	198	LF #4: D-3, F-3, G-3
25-5-4-K	02322	JICARILLA CONTRACT 146 #11	09/22/95	09/25/95	360	LF #4: F-3, C-9, G-3
26-6-19-K	95183 & 95184	REANIS COM #3	09/25/95	09/26/95	90	LF #2: K-17
25-5-23-E	95923	JICARILLA CONTRACT #148-18Y	09/25/95	09/26/95	270	LF #4: G-3, C-3
25-5-20-P	74331	JICARILLA #67-1	09/25/95	09/26/95	152	LF #4: C-10, C-3, B-3
25-5-4-K	02322	JICARILLA CONTRACT 146 #11	09/25/95	09/25/95	108	LF #4: G-3, C-3

TOTAL YARDAGE THIS PAGE:

15294

Revised 10/23/95		Envirotech/ September 1995			
Closed	Meter	Meter2	Location	S T R L	Comments
9/1/95	94784		Jicarilla C #33	21-25-5-L	Reported in August
9/1/95	74557		Jicarilla Apache F #5 CH	16-25-5-J	Reported in August
9/5/95	95936		Jicarilla Contract 148 #38	13-25-5-N	
9/7/95	95942		Jicarilla Contract 148 #36	14-25-5-P	
9/7/95	94555		Jicarilla Gas Com 35D #1	12-24-5-L	
9/7/95	93423		Jicarilla Contract 148 #18	23-25-5-F	
9/7/95	90697		Jicarilla Apache Tribal 35 #1	1-24-5-K	
9/8/95	72461		Jicarilla #67-9 CH	29-25-5-I	Reported in August
9/8/95	95941		Jicarilla Contract 148 #34	14-25-5-H	
9/8/95	94057		Jicarilla Contract 148 #25 CH	15-25-5-A	
9/8/95	73543		Jicarilla Contract 148 #18	10-25-5-M	
9/8/95	95925		Jicarilla Contract 148 #39	24-25-5-E	Reported in August
9/8/95	95924		Jicarilla Contract 148 #36	23-25-5-H	Reported in August
9/8/95	95928		Jicarilla Contract 148 #33	15-25-5-H	
9/8/95	95927		Jicarilla Contract 148 #32	14-25-5-D	
9/8/95	N/A		Lateral 2C-24	11-24-5-A	Dual Location
9/8/95	74351		Jicarilla Apache A #1	25-25-5-D	
9/8/95	74868		Jicarilla #67-9 PC	29-25-5-I	
9/12/95	72890		Ohio C Com #3 South Pit	26-28-11-P	Reported in August
9/12/95	93113		Jicarilla Gas Com 35C #1E	2-24-5-J	
9/19/95	N/A		Lat 2C-46 Line Drip Y	32-25-5-J	
9/19/95	N/A		2C-94 Line Drip	17-26-5-H	
9/19/95	87098		Jicarilla L #3 DK	3-24-5-E	
9/19/95	N/A		Lat 2C-24	3-24-5-L	Dual Location
9/19/95	75625		Jicarilla A #8	17-26-5-E	
9/19/95	74884		Jicarilla Contract #10	33-25-5-M	
9/19/95	02434		Northeast Haynes Apache #1	9-24-5-L	
9/19/95	N/A		2C-45 Line Drip	13-25-6-P	
9/19/95	93184		Jicarilla C #9	10-24-5-D	
9/20/95	74316		Apache Federal #4	7-24-5-M	
9/20/95	N/A		K-58 Line Drip	11-25-6-O	
9/21/95	71956		Klein #6	35-26-6-K	
9/21/95	N/A		2C-14 Line Drip	28-24-5-C	
9/22/95	93316		Jicarilla 35 #8	36-25-5-I	
9/22/95	90283		Jicarilla Otero Lease Well #5	28-24-5-C	
9/22/95	90089		Jicarilla 30 #7	30-25-4-O	
9/22/95	14080		Jicarilla C #11	3-24-5	
9/22/95	02346		N E Haynes Lease #3	16-24-5-P	
9/22/95	94274		Jicarilla Contract 148 #36	4-25-5-A	
9/25/95	02322		Jicarilla Contract 148 #11	4-25-5-K	
9/25/95	N/A		K-51 Line Drip	34-26-6-A	
9/26/95	74331		Jicarilla #67-1	20-25-5-P	
9/26/95	95923		Jicarilla Contract #148-18 Y	23-25-5-E	
9/26/95	95923		Jicarilla Contract 148-18 Y	23-25-5-E	Received Closure Form 10/12/95
9/26/95	74331		Jicarilla #67-1	20-25-5-P	Received Closure Form 10/12/95
9/26/95	14049		Canyon Largo Unit #26	4-25-6-O	
9/26/95	95183	95184	Reams Com #3	19-26-6-K	
9/27/95	73846		Lindrith Unit #54	31-24-2-K	
10/2/95	74561		Jicarilla # 7-B	27-25-4-J	Remediation Started 9/26/95
10/2/95	90188		Jicarilla 30 #9	29-25-4-H	Remediation Started 9/25/95
10/2/95	74787		Jicarilla #5-C	22-25-4-P	Remediation Started 9/26/95
10/2/95	74681		Jicarilla # 13-H	7-24-4-A	Remediation Started 9/26/95
10/3/95	93146		Apache #131	4-24-4-C	Closed 10/3/95
10/3/95	93147		Apache #132	4-24-4-K	Closed 10/3/95
10/3/95	87919		Jicarilla 127 S #7	4-24-4-D	Closed 10/3/95
10/3/95	93174		Jicarilla #116	7-24-4-I	Closed 10/3/95

Wiretech/ September 1995					
Closed	Meter	Meter2	Location	STRL	Comments
9/1/95	94784		Jicarilla C #33	21-25-5-L	Reported in August
9/1/95	74557		Jicarilla Apache F #5 CH	16-25-5-J	Reported in August
9/5/95	95936		Jicarilla Contract 148 #38	13-25-5-N	
9/7/95	95942		Jicarilla Contract 148 #35	14-25-5-P	
9/7/95	94555		Jicarilla Gas Com 35D #1	12-24-5-L	
9/7/95	93423		Jicarilla Contract 148 #18	23-25-5-F	
9/7/95	90697		Jicarilla Apache Tribal 35 #1	1-24-5-K	
9/8/95	72461		Jicarilla #67-9 CH	29-25-5-I	Reported in August
9/8/95	95941		Jicarilla Contract 148 #34	14-25-5-H	
9/8/95	94057		Jicarilla Contract 148 #25 CH	15-25-5-A	
9/8/95	73543		Jicarilla Contract 148 #16	10-25-5-M	
9/8/95	95925		Jicarilla Contract 148 #39	24-25-5-E	Reported in August
9/8/95	95924		Jicarilla Contract 148 #36	23-25-5-H	Reported in August
9/8/95	95928		Jicarilla Contract 148 #33	15-25-5-H	
9/8/95	95927		Jicarilla Contract 148 #32	14-25-5-D	
9/8/95	N/A		Lateral 2C-24	11-24-5-A	Dual Location
9/8/95	74351		Jicarilla Apache A #1	25-25-5-D	
9/8/95	74868		Jicarilla #67-9 PC	29-25-5-I	
9/12/95	72890		Ohio C Com #3 South Pit	26-28-11-P	Reported in August
9/12/95	93113		Jicarilla Gas Com 35C #1E	2-24-5-J	
9/19/95	N/A		Lat 2C-46 Line Drip Y	32-25-5-J	
9/19/95	N/A		2C-94 Line Drip	17-26-5-H	
9/19/95	87098		Jicarilla L #3 DK	3-24-5-E	
9/19/95	N/A		Lat 2C-24	3-24-5-L	Dual Location
9/19/95	75825		Jicarilla A #8	17-26-5-E	
9/19/95	74884		Jicarilla Contract #10	33-25-5-M	
9/19/95	02434		Northeast Haynes Apache #1	9-24-5-L	
9/19/95	N/A		2C-45 Line Drip	13-25-5-P	
9/19/95	93184		Jicarilla C #9	10-24-5-D	
9/20/95	74316		Apache Federal #4	7-24-5-M	
9/20/95	N/A		K-58 Line Drip	11-25-5-O	
9/21/95	71956		Klein #6	35-26-5-K	
9/22/95	93316		Jicarilla 35 #8	36-25-5-I	
9/22/95	90283		Jicarilla Otero Lease Well #5	28-24-5-C	
9/22/95	90089		Jicarilla 30 #7	30-25-4-O	
9/22/95	14080		Jicarilla C #11	3-24-5	
9/22/95	02346		N E Haynes Lease #3	16-24-5-P	
9/22/95	94274		Jicarilla Contract 148 #36	4-25-5-A	
9/25/95	N/A		K-51 Line Drip	34-26-5-A	
9/26/95	14049		Canyon Largo Unit #26	4-25-5-O	
9/26/95	95183	95184	Reams Com #3	19-26-5-K	
9/27/95	73846		Lindriith Unit #54	31-24-2-K	
10/2/95	74561		Jicarilla # 7-B	27-25-4-J	Remediation Started 9/26/95
10/2/95	90188		Jicarilla 30 #9	29-25-4-H	Remediation Started 9/25/95
10/2/95	74787		Jicarilla #5-C	22-25-4-P	Remediation Started 9/26/95
10/2/95	74681		Jicarilla # 13-H	7-24-4-A	Remediation Started 9/26/95

ENV 7 A FACILITY
HILLTOP, NEW MEXICO
CLIENT TRACKING LOG

NAME: EPNL 04047

LOCATION: 1. F. 2 3 4

SOURCE OF CONTAMINATION:

DATE	BILL OF LADING #'s	QUANTITY	(LANDFARM AND CELL)	TRUCK NUMBER	IS COMPLETE?
22 95	canilla 30 well #7	174	4: D C F 43		
9 22	" Otter 15W #5 90283	146	1: C D F		
9 22	" C 146 #36 94a	1	1: 3		
	" 146 #11 02322	60	4: F3 C		
5 95	" #2 518		2: K1		
5	" 8 Y1 95 23		4: 3		
25	" -1 3 15		4: C10 C B		
5	" 146 #11 02	1 A	4: C		
2 5	" # 95184 51	100	2:		
2	" Contract 148 18	1	1: B C10		
2	" 2 #132 142	2 0	4: B E		
9/2	" 0 #9 90188	1	4: B3 E		
9/26	" ncho #131 93146	11	4: E C10		
9	" 1275 #7 919	0	4: C10		
2 95	" Line 54 73846		2: K1		
27	" 2 #132 93147	136	1: E D C10		
27	" 1275 #7 8 91	18	4: E		
27	" 30 #9 90188	154	4: D C10		
9 27	" 116 93174	246 26	1: C10 C		
	" #5-C 74787	1 2	4: C10 C		
9 7	" No. 7-B 74561	54	4: B		
28 5	" # -B 74561	15	1: C B C10		
8	" #5-C 74787	1	4: C4 C10 D5		
29 5	" La 13 5 5		3: A9		

ENVIRONMENTAL SOIL REMEDIATION FACILITY
HILLTOP, NEW MEXICO
CLIENT TRACKING LOG

NAME: EPNG 04047

LOCATION: L.F. 2, 3, 4

SOURCE OF CONTAMINATION:

DATE	BILL OF LADING #'s	QUANTITY	LOCATION PLACED (LANDFARM AND CELL)	DRIVER AND TRUCK NUMBER	IS PROJECT COMPLETE?
9/11/95	Picarella Lat 2C-24 10017	330 cy	4: B6, B7		
9/11	Picarella Gas Comp. ^{35#} 93113	604 cy	4: B7, L2, B2, D2		
9/12/95	" Lat. 2C-24 10017	246 cy	4: C1, K1, L2, B8,		
9/12	" Lat. 2C-46 10010	398 cy	4: C1, K1, H1, M2, B8, L3		
9/12	Picarella Gas Comp. ^{35#} 93113	36 cy	4: M2,		
9/12	" L#3	104 cy	4: B8, M2,		
9/12	" N.E. Haynes #9-1 07434	18 cy	4: L3		
9/13/95	" N.E. Haynes #9-1 07434	346 cy	4: K1, K2, B7, B8, F2		
9/13	" LAT. 2C-46 10010	474 cy	4: K1, K2, B8, L2, B7, J3		
9/13	Picarella L-#9-1 93184	88 cy	4: F3, B7		
9/18/95	" LAT. 2C-46 10010	28 cy	4: I1, B9,		
9/18	" L#9 93184	256 cy	4: I1, I2, B9,		
9/18	" Contract #10 74884	250 cy	4: I2, B9, H1, H2	B10	
9/18	" 2C-94 10018	548 cy	4: I2, B9, H2,		
9/19/95	" 2C-45 10018	170 cy	2: K19		
9/19	" 2C-94 10018	320 cy	4: C5, G2,		
9/19	" Contract #10 74884	116 cy	4: G2, C5, C6		
9/19	" N.E. Haynes ^{1000#} 02346	394 cy	4: C6, f1, f2		
9/19/95 Picarella A#8 75625 108 cy 4: G1, F2					
9/19	" Contract 146#36 94274	10 cy	4: C6		
9/20/95	" K-58 L0	80 cy	2: K19		
9/20	" N.E. Haynes #3 02346	288 cy	4: E1, E2, D1,		
9/20	" Apache Fed #4 74316	260 cy	4: C6, C7,		
9/20	" Contract 146#36 94274	410 cy	4: E2, D1, D2, C7, D2,		
9/20	" 2C-14 L0 10008	298 cy	4: D1, C7, D2,		
9/20	" L#11 14080	70 cy	4: C7,		
9/20/95	" 2C-14 10008	78 cy	4: B2, C8		
9/21	" Otero LSWL #5 90283	220 cy	4: C8		
9/21/95	" Contract 146#36 94274	408 cy	4: C1, C2, B2, E3, C8, D3		
9/21	" 35#8 93316	100 cy	4: C1, A1, B1, C8, E3		
9/21	" 30 Well #7 90089	90 cy	4: E3, D3		
9/21	" Klein #6 71956	100 cy	2: K19, J19		
9/21	" K-51 L0	40 cy	2: J19		

HILLTOP, NEW MEXICO
CLIENT TRACKING LOG

NAME: SPNG 04047

LOCATION: L-F # 2 3 4

SOURCE OF CONTAMINATION:

DATE	B	NG #'s	QUANTITY	(LANDFARM AND CELL)	TRUCK NUMBER	COMPLETED
8 / 95	"	148-	924 420	"	"	"
1	"	-9 F		"		
81	"	74		"	B	
1 9	"	6 - 9 PC	461 150	"	L B	L
91	"	CNT 148-32 95 2	186	"	L A	
1	"	148-34	234	"	L	
1	"	148-35	344	"	L B	
91	"	148-7-9 PC 74868	46	"	L B	
1	"	OHIO C. #3 72890	798	"	N	L
5 5	"	C. #3 2	1 8	"	L-1	-1
	"	CNT 148-32 95 92	106	"	C	
-	"	" 148-35 5942		"	C K	
-	"	" 148- 5936	162	"	D	
	"	35 #1 90697	166	"	A, B, J	
5	"	CNT 148- 934 3		"	D	
15	"	" 148 5 94057	88	"	B A	
5	"	35-D #1 94555	36	"	10 J	B
1-	"	14 -33 95928	122	"	B, J	
	"	14 - 95928	100	"	C, D	
	"	APACHE TRIBE 35-1 9069		"	C, D	
9	"	" 35-D #1 94555	14	"	B	
	"	CNT 148-16 73543	20	"	C, D	
	"	ADACH 1 4351	100	"	C, D	
6	"	LAT -2 40016		"	B	
	"	C. #3 728	32	"	M, 17 1/15	
2 95-	"	14 #1	0 5	"	L, L	
7	"	" 1 7 1	80	"	M, C	
9/7	"	67-9 CH 72461	174	"	M, A B C	
	"	5-# 9069	88	"	M, C	
9	"	LAT. C-2 40016	2	"	C C B	
9 5	"	OC. #3 72890	6 6	"	O, 17	
	"	LAT 2C-24 40017	330	"	A B B 7 B	
9 8	"	67-9 CH 2461		"	A A	
9 8	"	35 C #1 E 93113	2 2	"	A B	

OCTOBER 1995
LANDFARM #2 & #4

TOTAL YARDAGE THIS PAGE:
TOTAL YARDAGE THIS MONTH:

PAGE 1

OCTOBER 1995
LANDFARM #2 & #4

TOTAL YARDAGE THIS PAGE:
TOTAL YARDAGE THIS MONTH:

7344

Revised	11/29/95		Envirotech/ October, 1995		
Closed	Meter	Meter2	Location	STRL	Comments
10/2/95	74581		Jicarilla # 7-B	27-25-4-J	
10/2/95	90188		Jicarilla 30 #9	29-25-4-H	
10/2/95	74787		Jicarilla #5-C	22-25-4-P	
10/3/95	93147		Apache #132	4-24-4-K	
10/3/95	93146		Apache #131	4-24-4-C	
10/3/95	87919		Jicarilla 127 S #7	4-24-4-D	
10/3/95	94535		Martin Blackford #1	24-24-5-A	
10/3/95	93466		Jicarilla 37-B Well #7	24-24-5-F	
10/3/95	93174		Jicarilla #116	7-24-4-I	
10/3/95	74292		No. 9 Jicarilla Apache	14-24-5-M	
10/3/95	90946		Jicarilla #107	7-24-4-A	
10/4/95	90767		Jicarilla #103	5-24-4-L	
10/9/95	N/A		Lat 2C-68 Drip Y-1	5-24-4-F	
10/9/95	89380		Burno Canyon #1	16-24-4-O	
10/9/95	N/A		Lat 2C-70 Line Drip	5-24-4-L	
10/11/95	95922		Jicarilla Contract 148 #40	13-28-5-A	
10/11/95	74861		Jicarilla 11 B	27-25-4-G	
10/11/95	90576		Jicarilla 30 #13	31-25-4-P	
10/11/95	93292		Medio Canyon #5	25-24-4-I	
10/11/95	84510		Medio Canyon #3	36-24-4-A	
10/27/95	93590	Phase III	Canyon Largo Unit #298	3-24-6-A	
10/30/95	93788	Phase III	Canyon Largo Unit #304	11-24-6-C	
10/30/95	93793	Phase III	Canyon Largo Unit #302	3-24-6-J	
10/31/95	74289	Phase III	Cutler #2	14-24-6-A	
11/1/95	N/A		2C-22 #3 Line Drip	13-24-6-G	
11/3/95	95265		T. L. Rhodes C #1E	30-28-11-E	
11/3/95	95608		Gallegos Canyon Unit #124E	35-28-12-N	

Revised	11/29/95	Envirotech/ October, 1995			
Closed	Meter	Meter2	Location	STRL	Comments
10/2/95	74581		Jicarilla # 7-B	27-25-4-J	
10/2/95	90188		Jicarilla 30 #9	29-25-4-H	
10/2/95	74787		Jicarilla #5-C	22-25-4-P	
10/3/95	93147		Apache #132	4-24-4-K	
10/3/95	93146		Apache #131	4-24-4-C	
10/3/95	87919		Jicarilla 127 S #7	4-24-4-D	
10/3/95	94535		Martin Blackford #1	24-24-5-A	
10/3/95	93466		Jicarilla 37-B Well #7	24-24-5-F	
10/3/95	93174		Jicarilla #116	7-24-4-I	
10/3/95	74292		No. 9 Jicarilla Apache	14-24-5-M	
10/3/95	90946		Jicarilla #107	7-24-4-A	
10/4/95	90787		Jicarilla #103	5-24-4-L	
10/9/95	N/A		Lat 2C-68 Drip Y-1	5-24-4-F	
10/9/95	89380		Burro Canyon #1	16-24-4-O	
10/9/95	N/A		Lat 2C-70 Line Drip	5-24-4-L	
10/11/95	95922		Jicarilla Contract 148 #40	13-28-5-A	
10/11/95	74861		Jicarilla 11 B	27-25-4-G	
10/11/95	90576		Jicarilla 30 #13	31-25-4-P	
10/11/95	93292		Medio Canyon #5	25-24-4-I	
10/11/95	94510		Medio Canyon #3	36-24-4-A	
10/27/95	93590	Phase III	Canyon Largo Unit #298	3-24-6-A	
10/30/95	93788	Phase III	Canyon Largo Unit #304	11-24-6-C	
10/30/95	93793	Phase III	Canyon Largo Unit #302	3-24-6-J	
10/31/95	74289	Phase III	Cutler #2	14-24-6-A	
11/1/95	N/A		2C-22 #3 Line Drip	13-24-6-G	
11/3/95	95285		T. L. Rhodes C #1E	30-28-11-E	
11/3/95	95608		Gallegos Canyon Unit #124E	35-28-12-N	

P.O. Box 1940
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First J
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

Energy

New Mexico
Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

CLIENT

Department

Form C-13
Originated 4/18/9

Submit Origin:
Plus 1 Cop
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☒ Non-Exempt: ☐

Verbal Approval Received: Yes ☒ No ☐

2. Management Facility Destination Envirotech Soil Remediation
Facility Landfarm No. 2 Hilltop, NM

3. Address of Facility Operator 5796 Hwy. 64-3014 Farmington, NM

7. Location of Material (Street Address or ULSTR) See attachment

9. Circle One:

- A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved.

All transporters must certify the wastes delivered are only those consigned for transport.

NOVEMBER 1995

BRIEF DESCRIPTION OF MATERIAL:

Contaminated Sand (Exempt) from various
dehydrator and drop Pits in the State of
New Mexico for November 1995

RECEIVED
JAN - 5 1995

Sent 1/5/95 to
OCD

Estimated Volume 15996 cy Known Volume (to be entered by the operator at the end of the haul) 15996 cy

SIGNATURE: Robert M. Young RM4 TITLE: Landfarm Supervisor DATE: 1/4/95
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Robert M. Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY: Denny G. Fent TITLE: Geologist DATE: 1/9/95
APPROVED BY: Ernie Busch TITLE: u DATE: u

ENVIROTECH SOIL REMEDIATION FACILITY
HILLTOP, NEW MEXICO
EPNG (04047) TRACKING LOG 11/95

NOVEMBER 1995
LANDFARM #2, 4, 5

COORD. T-R-S-L	METER #S	PIT NAME	SHIPMENT DATE	CLOSURE DATE	QUANTITY CUBIC YARDS	DESTINATION (LANDFARM : CELL)
25-6-16-N	N/A	K-31 LINEDRIP	11/02/95	11/03/95	540	LF #5: G-19, G-20, M-20
25-6-16-N	N/A	K-31 LINEDRIP	11/02/95	11/03/95	138	LF #2: G-18
28-11-30-E	95265	T.L. RHODES C #1E	11/02/95	11/03/95	200	LF #2: H-20
25-6-16-N	N/A	K-31 LINEDRIP	11/03/95	11/03/95	720	LF #5: C-12, F-10, I-7, I-18
25-6-16-N	N/A	K-31 LINEDRIP	11/03/95	11/03/95	160	LF #2: G-18
28-12-35-N	95608	GALLEGOS CANYON UNIT #124E	11/03/95	11/03/95	170	LF #2: H-18
28-12-32-K	94588	GALLEGOS CANYON UNIT 190E	11/03/95	11/03/95	40	LF #2: H-18
26-7-5-N	94495	MILES FEDERAL #1E MIV	11/06/95	11/07/95	694	LF #5: B-13, B-14, I-8, K-17
25-6-16-N	N/A	K-31 LINEDRIP	11/06/95	11/03/95	50	LF #2: G-18
26-7-5-N	94495	MILES FEDERAL #1E MIV	11/06/95	11/07/95	160	LF #2: G-18
26-7-6-G	94768	FEDERAL 6 #32CH	11/07/95	11/07/95	480	LF #5: E-12, H-8, J-6, M-9
24-6-8-P	02889	CANYON LARGO C.P.D.	11/07/95	11/08/95	100	LF #5: H-8, J-6
25-6-34-I	94161	SALAZAR 6 34-2	11/07/95	11/07/95	192	LF #5: D-11, K-6, M-10
26-7-5-N	94495	MILES FEDERAL #1E MIV	11/07/95	11/07/95	108	LF #5: M-10
24-6-8-P	02889	CANYON LARGO C.P.D.	11/08/95	11/08/95	74	LF #5: K-7
24-7-13-P	N/A	KIL #1	11/08/95	11/13/95	238	LF #5: K-7, L-8
25-6-21-J	03913	CANYON LARGO UNIT COM 314	11/09/95	11/13/95	282	LF #5: M-11, L-8
27-8-3-C	N/A	HOWELL #3 (LINEDRIP)	11/09/95	11/10/95	744	LF #5: C-13, L-8, K-8
25-6-21-J	03913	CANYON LARGO UNIT COM 314	11/10/95	11/13/95	146	LF #5: G-10
28-8-20-F	N/A	TRUCK D LINEDRIP (LOOP D-8)	11/10/95	11/13/95	290	LF #5: H-9, J-7
27-8-3-C	N/A	HOWELL #3 (LINEDRIP)	11/10/95	11/10/95	78	LF #5: J-7
25-6-21-J	03913	CANYON LARGO UNIT COM 314	11/13/95	11/13/95	230	LF #5: M-12
26-8-7-M	74440	GE-ELE-GU-LITHE-E #1	11/13/95	11/14/95	156	LF #5: J-7, M-13
28-8-20-F	N/A	TRUCK D LINEDRIP (LOOP D-8)	11/13/95	11/13/95	1004	LF #5: D-12, E-11, G-9, M-13, M-14
26-8-7-M	74440	GE-ELE-GU-LITHE-E #1	11/14/95	11/14/95	74	LF #5: L-19
26-8-6-E	75052	NAVAJO INDIAN NO 6 MIV	11/14/95	11/14/95	594	LF #5: L-9, L-10, L-11
27-9-13-B	93126	JOHN CHARLES #8	11/14/95	11/18/95	72	LF #5: L-11
28-8-20-F	N/A	TRUCK D LINEDRIP (LOOP D-8)	11/14/95	11/13/95	210	LF #5: L-10, L-12
27-9-14-D	89039	MARSHALL "B" #1J	11/14/95	11/14/95	90	LF #5: L-12
27-9-13-B	93126	JOHN CHARLES #8	11/15/95	11/18/95	218	LF #5: J-8
27-9-12-K	71531	CHARLEY PAH 4	11/15/95	11/20/95	538	LF #5: G-20, H-19&20, I-20, J-8&20, K-20, L-20
27-9-15-G	92603	MARSHALL A WELL NO. 3	11/15/95	11/18/95	18	LF #5: H-19
27-9-14-D	89039	MARSHALL "B" #1J	11/15/95	11/14/95	20	LF #5: H-19
28-8-15-A	93125	PRICE #3	11/15/95	11/15/95	506	LF #5: I-19, J-18
30-10-36-P	74943	N.M. COM G1	11/15/95	11/17/95	102	LF #5: J-17, J-18
30-10-36-P	74943	N.M. COM G1	11/16/95	11/17/95	432	LF #5: J-19, K-19
27-9-15-G	92603	MARSHALL A WELL #3	11/16/95	11/18/95	940	LF #5: J-17 & 19, K-18 & 19, L-18 & 19
27-9-10-P	02411	JENNIE BUNNIE ETAL WELL #1	11/16/95	11/16/95	138	LF #5: L-18 & 19, M-19
28-9-36-O	90028	NAVAJO ALLOTTED GAS COM B #1A	11/16/95	11/18/95	184	LF #5: M-19
28-9-36-O	71801	ADA CANDELARIA WELL #1	11/16/95	11/18/95	182	LF #5: M-18
30-10-36-P	74943	N.M. COM G1	11/17/95	11/17/95	20	LF #5: M-18
29-11-24-G	94298	VALDEZ GAS UNIT #A 1E-CH	11/17/95	11/20/95	1206	LF #5: M-15, 16, 17, & 18, L-16 & 17
28-9-36-O	71801	ADA CANDELARIA WELL #1	11/17/95	11/18/95	204	LF #5: M-15
28-9-36-H	71816	JENNA PAH NO. 1	11/17/95	11/17/95	270	LF #5: L-15, M-15
27-9-12-M	97152	CHARLIE PAH #3	11/17/95	11/20/95	108	LF #5: L-14
27-9-12-M	97152	CHARLIE PAH #3	11/20/95	11/20/95	54	LF #5: L-14
27-10-18-N	93780	ARGO #1E	11/20/95	11/20/95	740	LF #5: L-13, 14 & 15, K-9 & 10
29-11-24-G	94298	VALDEZ GAS UNIT A #1E CH	11/20/95	11/20/95	220	LF #5: J-9, K-10
29-11-24-G	94899	VALDEZ #2	11/20/95	11/20/95	590	LF #5: I-9, J-9, K-11
28-11-32-C	93262	KRAUSE W N FED WELL #1E	11/21/95	11/21/95	570	LF #5: K-12, 13 & 14
23-6-9-E	94566	RITA #1	11/28/95	11/28/95	216	LF #5: K-14
23-6-5-O	94734	RITA COM #2	11/28/95	11/29/95	162	LF #5: K-14 & 15
23-6-5-O	94734	RITA COM #2	11/29/95	11/29/95	126	LF #5: L-17
25-6-24-A	75731	CANYON LARGO UNIT NO. 141	11/29/95	11/29/95	198	LF #5: L-17, M-17

TOTAL YARDAGE THIS PAGE: 15996.00

TOTAL YARDAGE THIS MONTH: 15996.00

600

Revised	12/27/95		Envirotech November, 1995		
Closed	Meter	Meter2	Location	S T R L	Comments
11/3/95	95265		✓ T. L. Rhodes C #1E	30-28-11-E	Reported in October
11/3/95	95608		✓ Gallegos Canyon Unit #124E	35-28-12-N	Reported in October
11/3/95	N/A		✓ K-31 Line Drip	18-25-6-N	
11/3/95	94588		✓ Gallegos Canyon Unit 190E	32-28-12-K	
11/7/95	94495		✓ Miles Federal #1E MV	5-28-7-N	
11/7/95	94788		✓ Federal 6 #32CH	6-26-7-G	
11/7/95	94161		✓ Salazar 6 34-2	34-25-6-I	
11/8/95	02889		✓ Canyon Largo C.P.D.	8-24-6-P	
11/10/95	N/A		✓ Howell #3 (Line Drip)	3-27-8-C	
11/13/95	03913		✓ Canyon Largo Unit Com 314	21-25-6-J	
11/13/95	N/A		✓ Kil #1	13-24-7-P	
11/13/95	N/A		✓ Trunk D Line Drip (Loop D-8)	20-28-8-F	
11/14/95	75052		✓ Navajo Indian No.6 MV	6-26-8-E	
11/14/95	74440		✓ Ge-Ele-Gu-Lithe-E #1	7-26-8-M	
11/14/95	89039		✓ Marshall "B" #1J	14-27-9-D	
11/15/95	93125		✓ Price #3	15-28-8-A	
11/16/95	02411		✓ Jennie Bunny ETAL Well #1	10-27-9-P	
11/17/95	74943		✓ NM Com G 1	36-30-10-P	
11/17/95	71816		✓ Jenna Pah No. 1	36-28-9-H	
11/18/95	90028		✓ Navajo Allotted Gas Com B #1A	36-28-9-O	
11/18/95	93126		✓ John Charles #8	13-27-9-B	
11/18/95	71801		✓ ADA Candelaria Well #1	36-28-9-O	
11/18/95	92603		✓ Marshall A Well No. 3	15-27-9-G	
11/20/95	97152		✓ Charley Pah #3	12-27-9-M	
11/20/95	93780		✓ Argo #1E	18-27-10-N	
11/20/95	94298		✓ Valdez Gas unit A #1E CH	24-29-11-G	
11/20/95	94899		✓ Valdez #2	24-29-11-G	
11/20/95	71531		✓ Charley Pah 4	12-27-9-K	
11/21/95	93262		✓ Krause W N Fed Well #1E	32-28-11-C	
11/29/95	75731		✓ Canyon Largo Unit No. 141	24-25-6-A	
11/28/95	94566		✓ Rita #1	9-23-6-E	
11/29/95	94734		✓ Rita Com #2	5-23-8-O	

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

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JAN 22 1996

OIL CON. DIV.
DIST. 3

CERTIFICATE OF WASTE STATUS
OILFIELD EXEMPT WASTE

Originating Location: A list of pit closures is attached. November, 1995

Source: Variaous dehydrator and drip pits in the state of New Mexico

Disposal Location: Envirotech Soil Remediation Facility, (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned as the agent for the _____
concur with the status of the waste from the subject site.

Name Sandra D. Miller

Title/Agency Superintendant/Compliance Engineering

Address P O Box 4990
Farmington New Mexico 87499-99

Signature *Sandra D. Miller*

Date December 10, 1995

P.O. Box 1940
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Alamosa, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

ENT
Department

Form C-138
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☒ Non-Exempt: ☐	4. Generator <i>EL PASO Natural Gas</i>
Verbal Approval Received: Yes ☒ No ☐ <i>Review agreement</i>	5. Originating Site <i>Various Pits</i>
2. Management Facility Destination <i>Envirotech Soil Remediation Facility Landfarm No. 2 Hilltop, NM</i>	6. Transporter <i>Deag Fortz/E.T.</i>
3. Address of Facility Operator <i>5796 Hwy. 64-3014 Farmington, NM</i>	8. State <i>N.M.</i>
7. Location of Material (Street Address or ULSTR) <i>See Attachments</i>	<i>1/12/96 resubmitted</i>
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport. <i>Oct. 1995</i>	

BRIEF DESCRIPTION OF MATERIAL:

Contaminated Soil (Exempt) from various debris & deep pits in the State of New Mexico for Oct. 1995

RECEIVED
JAN 12 1996

OIL CON. DIV.
DIST. 2

*Resubmitted 1/12/96
C.C.D.*

Estimated Volume 7344 cy Known Volume (to be entered by the operator at the end of the haul) 7344 cy

SIGNATURE: *Robert M. Young* for PLM TITLE: Landfarm Supervisor DATE: 1-12-96
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Robert M. Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY: *Denny G. Kent* TITLE: Geologist DATE: 1/16/98
APPROVED BY: *Ernie Burch* TITLE: n DATE: n

Some pits on EPNG paperwork were closed on September report

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: A list of pit closure sites is attached. October, 1995

Source: Various dehydrator and drip pits in the state of New Mexico

Disposal Location: Envirotech Soil Remediation Facility. (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned as the agent for the _____
concur with the status of the waste from the subject site.

Sandra D. Miller
Name _____
Superintendent/Compliance Engineering
Title/Agency _____
Address P.O. Box 4990
Farmington New Mexico 87409-99
Signature Sandra D Miller
Date November 14, 1995

OCTOBER 1995
LANDFARM #2 & #4

TOTAL YARDAGE THIS PAGE:
TOTAL YARDAGE THIS MONTH:

7326

Revised	11/29/95	Envirotech/ October, 1995			
Closed	Meter	Meter2	Location	S T R L	Comments
10/2/95	74581		Jicarilla # 7-B	27-25-4-J	
10/2/95	90188		Jicarilla 30 #9	29-25-4-H	
10/2/95	74787		Jicarilla #5-C	22-25-4-P	
10/3/95	93147		Apache #132	4-24-4-K	
10/3/95	93146		Apache #131	4-24-4-C	
10/3/95	87919		Jicarilla 127 S #7	4-24-4-D	
10/3/95	94536		Martin Blackford #1	24-24-5-A	
10/3/95	93466		Jicarilla 37-B Well #7	24-24-5-F	
10/3/95	93174		Jicarilla #116	7-24-4-I	
10/3/95	74292		No. 9 Jicarilla Apache	14-24-5-M	
10/3/95	90946		Jicarilla #107	7-24-4-A	
10/4/95	90767		Jicarilla #103	5-24-4-L	
10/9/95	N/A		Lat 2C-68 Drip Y-1	5-24-4-F	
10/9/95	89380		Burno Canyon #1	16-24-4-O	
10/9/95	N/A		Lat 2C-70 Line Drip	5-24-4-L	
10/11/95	95922		Jicarilla Contract 148 #40	13-28-5-A	
10/11/95	74861		Jicarilla 11 B	27-25-4-G	
10/11/95	90576		Jicarilla 30 #13	31-25-4-P	
10/11/95	93292		Medic Canyon #5	25-24-4-I	
10/11/95	94510		Medic Canyon #3	36-24-4-A	
10/27/95	93590	Phase III	Canyon Largo Unit #298	3-24-6-A	
10/30/95	93788	Phase III	Canyon Largo Unit #304	11-24-6-C	
10/30/95	93793	Phase III	Canyon Largo Unit #302	3-24-6-J	
10/31/95	74289	Phase III	Cutler #2	14-24-6-A	
11/1/95	N/A		2C-22 #3 Line Drip	13-24-6-G	
11/3/95	95285		T. L. Rhodes C #1E	30-28-11-E	
11/3/95	95608		Gallegos Canyon Unit #124E	35-28-12-N	

ENVIRONMENTAL SOIL REMEDIATION FACILITY
HILLTOP, NEW MEXICO
CLIENT TRACKING LOG

NAME:

~~EPNG~~ EPNG

LOCATION:

1. f 2, 3, 4

SOURCE OF CONTAMINATION:

DATE	BILL OF LADING #1	QUANTITY	LOCATION PLACED (LANDFARM AND CELL)	DRIVER AND TRUCK NUMBER	IS PROJECT COMPLETE?
10/2/95	Picarella No. 7-P 74561	264	4: C10, D5, C5,		
10/2	" No. 5-C 24882	22	4: D5		
10/2	" No. 107 90946	386	4: D5, C11, C5, C12, B5		
10/2	" Martin Blackford 94535	156 256	4: C5, C11, C12, B5		
10/3/95	" No. 107 90946	316	4: E5, C12, E5, F5		
10/3	" 37 B Well #7 93466	306	4: C12, B12		
10/3	" Martin Blackford 94535	18	4: E5		
10/3	" 103 90767	288	4: E5, C12, B12 F5		
10/3	" N. 9 Inc. Apache 94292	40	4: B12,		
10/4/95	" No. 103 90767	156	4: G5, B10,		
10/4	" Media Canyon #3 94510	330	4: B10, H5, B11		
10/4	" Media Canyon #5 93292	300	4: G5, F5, B10, H5, B11		
10/5/95	Lat. 2C 68 DY-1 10020	200	4: H5, I5, B11,		
10/5	Lat. 2C 70 L.O. 10019	220	4: B11, I5, A1, ^{B12} A1		
10/5	" Media Canyon 94510	30	4: B11		
10/5	" Burro Canyon 89380	80	4: B11		
10/5	" Pic. 37-B Well #7 94560	10	4: B12		
10/5	" Pic. #103 90767	110	4: I5, B12, A1 , A1		
10/6/95	Picarella 11-B 74861	262	4: G7, I5, B12, H7, B2		
10/6	" Cont. 148-40 95922	260	4: B12, C11, B11,		
10/6	" " 30 #13 90576	82	4: I6, H7, B11		
10/6	" LAT. 2C-7010 10019	72	4: I6, A2		
10/26/95	Canyon Largo Unit 298 93590	554	2: K20, M20, K19, M19		
10/27/95	Canyon Largo Unit 298 93590	166	2: L20, L19		
10/27	" Unit 304 93788	716	2: L20, K19, L19, L18, K18, J20, K20, K19		
10/30	Canyon Largo " 93788	162	2: J20, K18		
10/30	" Unit 302 93793	694	2: J20, K18, K19, J18, I20, I19		
10/30	Cutter #2 74289	316	2: J20, I19		
10/30 NAPT	T.C. Hondo C11/E 95265	18	2: H20		
10/31/95	2C. 22 #3 10051	536	2: I20, J20, S18		
10/31	Cutter #2 74289	108	2: S18, J20		
10/31	Gillego's Canyon #1248	36	2: H20		

Hobbs, NM 88241-1980
District II - (505) 748-1283
311 S. First
a. NM 88210
(505) 334-6178
Rio Brazos Road
NM 87410
(505) 827-7131

Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

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OIL CON. DIV.

95-055-01
DEC 22 1995

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☒ Non-Exempt: ☐
Verbal Approval Received: Yes ☐ No ☒
2. Management Facility Destination Envirotech Soil Remediation
ndf rm N 2 Hillt
3. Address of Facility Operator 5796 Hwy. 64-3014 Farmington, NM
7. Location of Material (Street Address or ULSTR)
9. Circle One:
4. Generator EPNG Bloom and Pipeline District
5. Originating Site KUTZ Separ
Transporter ENVIROTECH
8. State New Mexico
Sec II, T29N R11W S1C NW

- A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved.

All transporters must certify the wastes delivered are only those consigned for transport.

BRIEF DESCRIPTION OF MATERIAL:

Tank Sludge w/ minor compressor oils
SUBMITTED AS EXEMPT WASTE REFER TO EPA 530-K-95-003
(Crude Oil and Natural Gas Exploration and Production Wastes:
Exemption From RCRA, SUBTITLE C Regulation, page 17)
ATTACHMENTS:

EPNG Letter 8-30-95 ATI - Analysis of CHACO "B" Compressor oil
Exempt - CWS (NOTE Detection limits > TCLP Limits)
EPNG - MSDS for Mobile Compressor Oil ATI - TCLP Metals
EPNG - Contact Report 9-7-95

Estimated Volume 10-15 barrels cy Known Volume (to be entered by the operator at the end of the haul) cy

NATURE: Waste Management Facility Authorized
PE OR PRINT NAME: Robert M. Young TITLE: Landfarm Supervisor DATE: 12-22-95
TELEPHONE NO. 505-632-0615

(This space for State Use)

PROVED BY: Denny G. Furt TITLE: Geologist DATE: 12/26/95
PROVED BY: C. Martin TITLE: GEOLOGIST DATE: 12 26 -

Call me on this, 022

Box 1940
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-138
Originated 4/18/95

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District Office

95033-01

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☒ Non-Exempt: ☐	4. Generator EPNG Bloomfield Pipeline District
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site KUTZ Separator
2. Management Facility Destination Envirotech Soil Remediation Facility Landfarm No. 2 Hilltop, NM	6. Transporter ENVIROTECH
3. Address of Facility Operator 5796 Hwy. 64-3014 Farmington, NM	8. State New Mexico
7. Location of Material (Street Address or ULSTR)	Sec 11, T29N R11W S1C44
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

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DEC 22 1995

BRIEF DESCRIPTION OF MATERIAL:

TANK Sludge w/ minor compressor oils

SUBMITTED AS Exempt Waste REFER TO EPA 530-K-95-003 MAY 1995

OIL CON. DIV.
DIST. 3

(Crude Oil and Natural Gas Exploration and Production Wastes:
Exemption From RCRA, SubTITLE C Regulation, page 17)

ATTACHMENTS:

EPNG Letter 8-30-95

ATI - ANALYSIS of CHACO "B" Compressor oil

Exempt - CWS

(NOTE Detection limits > TCLP Limits)

EPNG - MSDS for Mobile Compressor Oil

ATI - TCLP Metals

EPNG - Contact Report 9-7-95

Estimated Volume 10-15 barrels cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: Robert M. Young TITLE: Landfarm Supervisor DATE: 12-22-95
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Robert M. Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY: Denny G. Feent TITLE: Geologist DATE: 12/26/95

APPROVED BY: _____ TITLE: _____ DATE: _____



P.O. BOX 4990
FARMINGTON, NEW MEXICO 87499

August 30, 1995

Mr. Robert Young
Envirotech, Inc.
5796 U.S. Highway 64-3014
Farmington N.M. 87401

Re: El Paso Natural Gas Company (EPNG) Tank Bottom Disposal

Mr. Young,

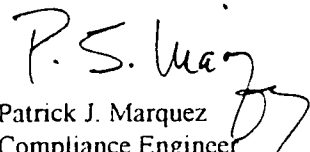
EPNG's Bloomfield Pipeline District has removed approximately 10 - 15 bbls of tank sludge to accommodate tank maintenance. The Pipeline District will be using a local contractor to hydrate and move the sludge from an open top vessel to their truck and then to your landfarm facility. Details are as follows:

- Kutz Separator - Section 11, T-29-N, R-11-W, San Juan County, New Mexico
- Enclosed is a Certificate of Waste Status for Exempt Waste.
- It should be noted that non-hazardous, non-exempt oil from compressor leaks, which constitute a minority of the tank's thru put, may have contributed to the total volume of sludge. This characterization is based upon EPNG's knowledge of process and historical analyses of lube oil.
- The open top tank contains approximately 10 - 15 bbls of sludge
- Bloomfield Pipeline District can delivery the material to your facility within a few days of approval.
- Invoices should be addressed to El Paso Natural Gas Company Attn: Mr. Patrick Marquez, P.O. Box 4990, Farmington N.M. 87499

Bloomfield Pipeline District personnel will contact your office 24 hours in advance of delivery to identify the trucking company.

Should you require further information, please do not hesitate to call at 5992175.

Thank you.


Patrick J. Marquez
Compliance Engineer

cc: w/o enclosure
Bennie Armenta
Loren Paris
Sandra Miller/David Bays/File: 5208 Environmental

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

Certification of Waste Status

Originating location Tank bottom from EPNG's Kutz Separator located:

Section 11, T-29-N, R-11-W, San Juan County, NM. Subject tank received predominately exempt waste such as drip liquids with a small amount of rinsate from compressor wash-down known to be non-hazardous through prior testing and process knowledge.

Disposal Location: **Envirotech Soil Remediation Site, Hilltop, NM**

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by EPA's July 1988 Regulatory Determination and that non-exempt waste that is a "hazardous waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the exempt waste in such a manner so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Section 261.3(b)."

Signature



Name, Date

August 30, 1995

Company

El Paso Natural Gas Company

Address

P.O. Box 4990, Farmington, NM

October 16, 1995

*This material
goes to Kutz*

**Chaco Plant
"B" Compressor Building, #4 Engine
Waste Oil
Lab Sample #: 950998
Sampled September 20, 1995
Sampled by Patrick Marquez**

Report Distribution:

Patrick Marquez
Results Log Book
File



Analytical **Technologies, Inc.**

2709-D Pan American Freeway, NE Albuquerque, NM 87107
Phone (505) 344-3777 FAX (505) 344-4413

ATI I.D. 509393

October 9, 1995

El Paso Natural Gas Co.
P.O. Box 4990
Farmington, NM 87499

Project Name/Number: CHACO B OIL

Attention: John Lambdin



On 09/26/95, Analytical Technologies, Inc., (ADHS License No. AZ0015), received a request to analyze **non-aqueous** sample(s). The sample(s) were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

For EPA method 8240, sample "950999" ^{8, 10/16/95} was a dark viscous oil that was analyzed by diluting the oil and analyzing it by GCMS. A 1:20 dilution was required for analysis. The sample had a large hydrocarbon hump present. The internal standard perylene-d12 had low recovery due to the sample matrix. There were no compounds detected that were quantitated with this internal standard. There is no surrogate recovery or matrix spike performed for dilute and shoot analyses.

For EPA method 8270, sample "950999" ^{8, 10/16/95} could not be analyzed at 5 gms due to the sample matrix, oil, which is not miscible with water. A 1:50 dilution was analyzed which is a medium level extraction of the sample. A methanol reagent blank and a 1:50 MS, MSD were also analyzed and included in this report.

All analyses were performed by Analytical Technologies, Inc., 225 Commerce Drive, Fort Collins, CO.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

Kimberly D. McNeill
Project Manager

H. Mitchell Rubenstein, Ph.D.
Laboratory Manager

MR:jt

Enclosure



Analytical **Technologies**, Inc.

CLIENT : EL PASO NATURAL GAS CO.

DATE RECEIVED : 09/26/95

PROJECT # : (NONE)

PROJECT NAME : CHACO B OIL

REPORT DATE : 10/09/95

ATI ID: 509393

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	950999/8 CHACO PLANT # "B" Compressor Bldg. 10-6-95 #4 Engine	NON-AQ	09/20/95



---TOTALS---

MATRIX
NON-AQ

#SAMPLES
1

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.



Analytical Technologies, Inc.

VOLATILE ORGANICS

Modified Method 8240

Sample ID

95099/8

Lab Name: Analytical Technologies, Inc.

Client Name: ATI-NM

Client Project ID: Chaco B Oil -- 509393

Lab Sample ID: 95-09-261-01

Date Collected: 09/20/95

Date Analyzed: 10/02/95

Sample Matrix: Oil

Sample Weight: 0.1 g

Results are reported on a wet weight basis.

Analyte	Results (ug/kg)	Detection Limit (ug/kg)
Chloromethane	ND	500
Bromomethane	ND	500
Vinyl chloride	ND	500
Chloroethane	ND	500
Methylene chloride	ND	250
Acetone	ND	500
Carbon disulfide	ND	250
1,1-Dichloroethene	ND	250
1,1-Dichloroethane	ND	250
cis-1,2-Dichloroethene	ND	250
trans-1,2-Dichloroethene	ND	250
Chloroform	ND	250
1,2-Dichloroethane	ND	250
2-Butanone	ND	500
1,1,1-Trichloroethane	ND	250
Carbon tetrachloride	ND	250
Vinyl acetate	ND	500
Bromodichloromethane	ND	250
1,2-Dichloropropane	ND	250
cis-1,3-Dichloropropene	ND	250
Trichloroethene	ND	250
Dibromochloromethane	ND	250
1,1,2-Trichloroethane	ND	250
Benzene	ND	250
trans-1,3-Dichloropropene	ND	250
Bromoform	ND	250
2-Hexanone	ND	500
4-Methyl-2-pentanone	ND	500
Tetrachloroethene	ND	250
1,1,2,2-Tetrachloroethane	ND	250
Toluene	120 J	250
Chlorobenzene	ND	250
Ethylbenzene	ND	250
Styrene	ND	250
Total Xylenes	100 J	250

÷ 1000 = ppm

SURROGATE RECOVERIES

Analyte	% Recovery	% Rec Limits
Dibromofluoromethane	95	80 - 120
Toluene-d8	100	81 - 117
Bromofluorobenzene	99	74 - 121

ND = Not Detected

J = Estimated value, analyte found below detection limit



Analytical Technologies, Inc.

SEMIVOLATILE ORGANICS

Modified Method 8270

Dilute and Shoot

Sample ID

9509988

Lab Name: Analytical Technologies, Inc.

Client Name: ATI - NM

Client Project: Chaco B Oil - 509393

Lab Sample ID: 95-09-261-01

Date Collected: 09-20-95

Date Extracted: N/A

Date Analyzed: 10-02-95

Sample Matrix: Oil

Sample Volume: 1 mL

Cleanup: None

Final Volume: 20 mL

Analyte	Results (ug/L)	Detection Limit (ug/L)
Pyridine	ND	100000
n-Nitrosodimethylamine	ND	100000
Aniline	ND	500000
Phenol	ND	100000
bis (2-Chloroethyl) ether	ND	100000
2-Chlorophenol	ND	100000
1,3-Dichlorobenzene	ND	100000
1,4-Dichlorobenzene	ND	100000
1,2-Dichlorobenzene	ND	110000
Benzyl alcohol	ND	100000
bis (2-Chloroisopropyl) ether	ND	100000
2-Methylphenol	ND	100000
N-Nitroso-di-n-propylamine	ND	100000
4-Methylphenol	ND	100000
Hexachloroethane	ND	100000
Nitrobenzene	ND	100000
Isophorone	ND	100000
2-Nitrophenol	ND	100000
2,4-Dimethylphenol	ND	100000
bis (2-Chloroethoxy) methane	ND	100000
2,4-Dichlorophenol	ND	100000
Benzoic acid	ND	1000000
1,2,4-Trichlorobenzene	ND	100000
Naphthalene	ND	100000
4-Chloroaniline	ND	500000
Hexachlorobutadiene	ND	100000
4-Chloro-3-methylphenol	ND	100000
2-Methylnaphthalene	ND	100000
Hexachlorocyclopentadiene	ND	100000
2,4,6-Trichlorophenol	ND	100000
2,4,5-Trichlorophenol	ND	1000000
2-Chloronaphthalene	ND	100000
2-Nitroaniline	ND	1000000
Dimethyl phthalate	ND	100000
2,6-Dinitrotoluene	ND	100000
Acenaphthylene	ND	100000
3-Nitroaniline	ND	1000000
Acenaphthene	ND	100000
2,4-Dinitrophenol	ND	1000000

1000 = ppm
ND > D.L.

> D.L.



Analytical Technologies, Inc.

SEMIVOLATILE ORGANICS

Modified Method 8270

Sample ID

8
10/14/95

Lab Name: Analytical Technologies, Inc.

Lab Sample ID.: 95-09-261-01

9509969

Analyte	Results (ug/L)	Detection Limit (ug/L)
4-Nitrophenol	ND	1000000
Dibenzofuran	ND	200000
2,4-Dinitrotoluene	ND	200000
Diethyl phthalate	ND	200000
Fluorene	ND	200000
4-Chlorophenyl phenyl ether	ND	200000
4-Nitroaniline	ND	1000000
Azobenzene	ND	200000
4,6-Dinitro-2-methylphenol	ND	1000000
N-Nitrosodiphenylamine	ND	200000
4-Bromophenyl phenyl ether	ND	200000
Hexachlorobenzene	ND	200000
Pentachlorophenol	ND	1000000
Phenanthrene	ND	200000
Anthracene	ND	200000
Carbazole	ND	200000
Di-n-butyl phthalate	ND	200000
Fluoranthene	ND	200000
Benzidine	ND	1000000
Pyrene	ND	200000
Butyl benzyl phthalate	ND	200000
Benzo(a)anthracene	ND	200000
3,3'-Dichlorobenzidine	ND	1000000
Chrysene	ND	200000
Bis(2-ethylhexyl)phthalate	ND	200000
Di-n-octyl phthalate	ND	200000
Benzo(b)fluoranthene	ND	200000
Benzo(k)fluoranthene	ND	200000
Benzo(a)pyrene	ND	200000
Indeno(1,2,3-cd)pyrene	ND	200000
Dibenzo(a,h)anthracene	ND	200000
Benzo(g,h,i)perylene	ND	200000

 $\frac{1}{1000} = \text{ppm}$

SURROGATE RECOVERIES

Analyte	% Recovery	% Rec Limits
2-Fluorophenol	NS	21-110
Phenol-d5	NS	10-110
Nitrobenzene-d5	NS	35-114
2-Fluorobiphenyl	NS	43-115
2,4,6-Tribromophenol	NS	10-123
Terphenyl-d14	NS	33-141

ND = Not Detected

NS = Not Spiked



Analytical **Technologies**, Inc.

VOLATILE MATRIX SPIKE RECOVERY

Modified Method 8240

Sample ID *2810/16/95*

Lab Name: Analytical Technologies, Inc.

Client Name: ATI-NM

Client Project ID: Chaco B Oil -- 509393

Lab Sample ID: 95-09-261-01

950998

Date Collected: 09/20/95

Date Analyzed: 10/02/95

Sample Matrix: Oil

Sample Weight: 0.1 g

Results are reported on a wet weight basis.

Analyte	Spike Added (ug/kg)	Sample Concentration (ug/kg)	MS Concentration (ug/kg)	MS % Rec	QC Limit Recovery
1,1-Dichloroethene	2500	ND	2530	101	59-172
Trichloroethene	2500	ND	2580	103	62-137
Benzene	2500	ND	2630	105	60-133
Toluene	2500	120	2680	103	59-139
Chlorobenzene	2500	ND	2440	97	66-142

..

Analyte	Spike (ug/kg)	MSD (ug/kg)	MSD % Recovery	% RPD	QC Limits RPD Rec
1,1-Dichloroethene	2500	2540	102	1	22 59-172
Trichloroethene	2500	2570	103	1	24 62-137
Benzene	2500	2610	104	1	21 60-133
Toluene	2500	2760	106	3	21 59-139
Chlorobenzene	2500	2450	98	1	21 66-142

ND = Not Detected

28
10-12-95



Analytical Technologies, Inc.

SEMIVOLATILE ORGANICS

Modified Method 8270

Dilute and Shoot

Sample ID

Reagent

Blank

Lab Name: Analytical Technologies, Inc.

Client Name: ATI - NM

Client Project: Chaco B Oil - 509393

Lab Sample ID: Methylene Chloride Blank

Date Collected: N/A

Date Extracted: N/A

Date Analyzed: 10-02-95

Sample Matrix: Methylene Chloride

Cleanup: None

Sample Volume: 1 mL

Final Volume: 1 mL

Analyte	Results (ug/L)	Detection Limit (ug/L)
Pyridine	ND	10000
n-Nitrosodimethylamine	ND	10000
Aniline	ND	25000
Phenol	ND	10000
bis (2-Chloroethyl) ether	ND	10000
2-Chlorophenol	ND	10000
1,3-Dichlorobenzene	ND	10000
1,4-Dichlorobenzene	ND	10000
1,2-Dichlorobenzene	ND	10000
Benzyl alcohol	ND	10000
bis (2-Chloroisopropyl) ether	ND	10000
2-Methylphenol	ND	10000
N-Nitroso-di-n-propylamine	ND	10000
4-Methylphenol	ND	10000
Hexachloroethane	ND	10000
Nitrobenzene	ND	10000
Isophorone	ND	10000
2-Nitrophenol	ND	10000
2,4-Dimethylphenol	ND	10000
bis (2-Chloroethoxy) methane	ND	10000
2,4-Dichlorophenol	ND	10000
Benzoic acid	ND	50000
1,2,4-Trichlorobenzene	ND	10000
Naphthalene	ND	10000
4-Chloroaniline	ND	25000
Hexachlorobutadiene	ND	10000
4-Chloro-3-methylphenol	ND	10000
2-Methylnaphthalene	ND	10000
Hexachlorocyclopentadiene	ND	10000
2,4,6-Trichlorophenol	ND	10000
2,4,5-Trichlorophenol	ND	50000
2-Chloronaphthalene	ND	10000
2-Nitroaniline	ND	50000
Dimethyl phthalate	ND	10000
2,6-Dinitrotoluene	ND	10000
Acenaphthylene	ND	10000
3-Nitroaniline	ND	50000
Acenaphthene	ND	10000
2,4-Dinitrophenol	ND	50000



Analytical Technologies, Inc.

SEMIVOLATILE ORGANICS

Modified Method 8270

Lab Name: Analytical Technologies, Inc.
 Lab Sample ID: Methylene Chloride Blank

Sample ID

Reagent
Blank

Analyte	Results (ug/L)	Detection Limit (ug/L)
4-Nitrophenol	ND	50000
Dibenzofuran	ND	10000
2,4-Dinitrotoluene	ND	10000
Diethyl phthalate	ND	10000
Fluorene	ND	10000
4-Chlorophenyl phenyl ether	ND	10000
4-Nitroaniline	ND	50000
Azobenzene	ND	10000
4,6-Dinitro-2-methylphenol	ND	50000
N-Nitrosodiphenylamine	ND	10000
4-Bromophenyl phenyl ether	ND	10000
Hexachlorobenzene	ND	10000
Pentachlorophenol	ND	50000
Phenanthrene	ND	10000
Anthracene	ND	10000
Carbazole	ND	10000
Di-n-butyl phthalate	ND	10000
Fluoranthene	ND	10000
Benzidine	ND	50000
Pyrene	ND	10000
Butyl benzyl phthalate	ND	10000
Benzo(a)anthracene	ND	10000
3,3'-Dichlorobenzidine	ND	50000
Chrysene	ND	10000
Bis(2-ethylhexyl)phthalate	ND	10000
Di-n-octyl phthalate	ND	10000
Benzo(b)fluoranthene	ND	10000
Benzo(k)fluoranthene	ND	10000
Benzo(a)pyrene	ND	10000
Indeno(1,2,3-cd)pyrene	ND	10000
Dibenz(a,h)anthracene	ND	10000
Benzo(g,h,i)perylene	ND	10000

SURROGATE RECOVERIES

Analyte	% Recovery	% Rec Limits
2-Fluorophenol	NS	21-110
Phenol-d5	NS	10-110
Nitrobenzene-d5	NS	35-114
2-Fluorobiphenyl	NS	43-116
2,4,6-Tribromophenol	NS	10-123
Terphenyl-d14	NS	33-141

ND = Not Detected

NS = Not Spiked



Analytical Technologies, Inc.

VOLATILE ORGANICS
Modified Method 8240

Lab Name: Analytical Technologies, Inc.
Client Name: ATI-NM
Client Project ID: Chaco B Oil - 509393
Lab Sample ID: SRB2 10-02-95

Sample ID

MEOH
Reagent Blank

Date Collected: N/A
Date Analyzed: 10/02/95

Sample Matrix: Soil
Sample Weight: 0.1 g

Analyte	Results (ug/kg)	Detection Limit (ug/kg)
Chloromethane	ND	500
Bromomethane	ND	500
Vinyl chloride	ND	500
Chloroethane	ND	500
Methylene chloride	ND	250
Acetone	ND	500
Carbon disulfide	ND	250
1,1-Dichloroethene	ND	250
1,1-Dichloroethane	ND	250
cis-1,2-Dichloroethene	ND	250
trans-1,2-Dichloroethene	ND	250
Chloroform	ND	250
1,2-Dichloroethane	ND	250
2-Butanone	ND	500
1,1,1-Trichloroethane	ND	250
Carbon tetrachloride	ND	250
Vinyl acetate	ND	500
Bromodichloromethane	ND	250
1,2-Dichloropropane	ND	250
cis-1,3-Dichloropropene	ND	250
Trichloroethene	ND	250
Dibromochloromethane	ND	250
1,1,2-Trichloroethane	ND	250
Benzene	ND	250
trans-1,3-Dichloropropene	ND	250
Bromoform	ND	250
2-Hexanone	ND	500
4-Methyl-2-pentanone	ND	500
Tetrachloroethene	ND	250
1,1,2,2-Tetrachloroethane	ND	250
Toluene	ND	250
Chlorobenzene	ND	250
Ethylbenzene	ND	250
Styrene	ND	250
Total Xylenes	ND	250

SURROGATE RECOVERIES

Analyte	% Recovery	%Rec Limits
Dibromofluoromethane	96	80 - 120
Toluene-d8	99	81 - 117
Bromofluorobenzene	99	74 - 121

ND = Not Detected



Analytical Technologies, Inc.

VOLATILE ORGANICS

Modified Method 8240

Sample ID

Reagent Blank

Lab Name: Analytical Technologies, Inc.

Client Name: ATI-NM

Client Project ID: Chaco B Oil - 509393

Lab Sample ID: SRB1 10-02-95

Date Collected: N/A

Date Analyzed: 10/02/95

Sample Matrix: Soil

Sample Weight: 5 g

Analyte	Results (ug/kg)	Detection Limit (ug/kg)
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene chloride	ND	5
Acetone	ND	10
Carbon disulfide	ND	5
1,1-Dichloroethene	ND	5
1,1-Dichloroethane	ND	5
cis-1,2-Dichloroethene	ND	5
trans-1,2-Dichloroethene	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	5
Carbon tetrachloride	ND	5
Vinyl acetate	ND	10
Bromodichloromethane	ND	5
1,2-Dichloropropane	ND	5
cis-1,3-Dichloropropene	ND	5
Trichloroethene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
Benzene	ND	5
trans-1,3-Dichloropropene	ND	5
Bromoform	ND	5
2-Hexanone	ND	10
4-Methyl-2-pentanone	ND	10
Tetrachloroethene	ND	5
1,1,2,2-Tetrachloroethane	ND	5
Toluene	ND	5
Chlorobenzene	ND	5
Ethylbenzene	ND	5
Styrene	ND	5
Total Xylenes	ND	5

SURROGATE RECOVERIES

Analyte	% Recovery	%Rec Limits
Dibromofluoromethane	99	80 - 120
Toluene-d8	102	81 - 117
Bromofluorobenzene	99	74 - 121

ND = Not Detected



DATE: 9-26-81 PAGE 2 OF 2

509393

09392

PROJECT MANAGER: John LAMBDEN

COMPANY: El Paso Natural Gas Co.

ADDRESS: 770 W NAVAJO

FARMINGTON, NM 87401

PHONE: (505) 599-2144

FAX: (505) 544-2261

BILL TO: (Same As Above)

COMPANY: _____

ADDRESS: _____

ANALYSIS REQUEST

[illegible]

PROJECT INFORMATION

SAMPLE RECEIPT

PROJ. NO.: None	NO. CONTAINERS: 4
PROJ. NAME: Chaco B Oil	CUSTODY SEALS: Y (N) / NA
P.O. NO.: 38822	RECEIVED INTACT: Y
SHIPPED VIA: Fed-X	RECEIVED COLD: Y / 10

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☒ 2 WEEK

Comments:

SAMPLED & RELINQUISHED BY: 1. RELINQUISHED BY: 2. RELINQUISHED BY:

Signature:	Time:	Signature:	Time:	Signature:	Time:
Printed Name:	Date:	Printed Name:	Date:	Printed Name:	Date:
Company:	Phone:	Company:		Company:	

RECEIVED BY: 1. RECEIVED BY: 2. RECEIVED BY (LAB) 3.

Signature:	Time:	Signature:	Time:	Signature:	Time:
Printed Name:	Date:	Printed Name:	Date:	Printed Name:	Date:
Company:		Company:		Company:	

Analytical Technologies, Inc.

PLEASE FILL THIS FORM IN COMPLETELY. SHADED AREAS ARE FOR LAB USE ONLY.

Contact Report

Contact Date 09/07/95
Time: am
Subject: Kutz Separator - Sludge Disposal
Representative: Chris Eustice - NM Oil Conservation Division
EPNG: Patrick Marquez

In May of 1995 Compliance Engineering began efforts to dispose of approximately 15 barrels of sludge from the receiving tank at the Kutz Separator. The sludge was sampled and analyzed for heavy metals and the request for disposal as exempt waste was forwarded to the NMOCD along with a Material Safety Data Sheet for typical lube oil used in the compressor engines. After their review of the information I received a phone call from Chris Eustice (NMOCD). Chris explained to me that after many discussions with Bill Olson and Denny Foust (Santa Fe and Aztec NMOCD, respectively) they agreed that one of two things would be required prior to disposal approval:

1. Submit a signed statement certifying that EPNG never used Chlorinated Solvents in its operation.
- or
2. Take a representative sample of the non-exempt waste stream entering the receiving tank and analyze for Volatile and Semi-Volatile (Method 8240/8270 - Chris did not actually identify method in the conversation) characteristics.

On September 20th, I sampled the Chaco "B" Compressor used oil for this analysis - the results will be sent to the NMOCD upon receipt. I expect approval for disposal shortly thereafter.

Please call if you have questions.

Thank you,

P.J. Marquez

Patrick J. Marquez
Compliance Engineer

Distribution:
John Lambdin/Joe Barnett
Bennie Armenta/Loren Paris/Doug Phelps
Sandra Miller/David Bays/Rick Cosby/File: Kutz Separator



CHAIN OF CUSTODY RECORD

625

Project No.		Project Name			Total No. of Containers	Chain of Custody Seals	Intact?	Requested Analysis				Contract Laboratory	
Samplers: (Signature)		Date	Receiving Temp. (°F)	Composite or Grab				See Attached	EPA 8240	EPA 8270	Remarks		
Lab ID	Date	Time	Matrix	Sample Number									
	9/20/95	14:15	Oil Water	950998	#2	X	Grab		✓			"B" Compressor Bldg # 4 Engine	
	9/20/95	14:15	Oil Water	950998	2	X	Grab		✓			"B" Compressor Bldg # 4 Engine	
7/12/96, -													
[Diagonal line across the table]													
Relinquished by: (Signature) <i>[Signature]</i> Date/Time 9/21/95 16:35 Received by: (Signature) <i>[Signature]</i>													
Relinquished by: (Signature) <i>[Signature]</i> Date/Time Received by: (Signature)													
Relinquished by: (Signature) Date/Time Received for Laboratory by: (Signature) Date/Time Remarks: In Tact 38°F													
Results & Invoices to:					Charge Code			Date Results Reported / by: (Signature)					

PROJECT MANAGER: John Medina

COMPANY: El Paso Lubricants Co.
 ADDRESS: 770 W. Havana
Farmington, NM 87401
 PHONE: (505) 544-2144
 FAX: (505) 544-2201

BILL TO: (Same as above)
 COMPANY: _____
 ADDRESS: _____

CHAIN OF CUSTODY

DATE: _____ PAGE _____ OF _____

ATI LAB I.D. _____

Petroleum Hydrocarbons (418.1)	Chlorinated Hydrocarbons (601/8010)	Pesticides/PCB (808/8080)	SDWA Primary Standards - Arizona	The 13 Priority Pollutant Metals RCRA Metals by Total Digestion RCRA Metals TCLP (1311)
(MOD 8015) Gas/Diesel	Aromatic Hydrocarbons (602/8020)	Herbicides (615/8150)	SDWA Secondary Standards - Arizona	
Diesel/Gasoline/BTXE/MTBE (MOD 8015/8020)	SDWA Volatiles (502.1/503.1, 502.2 Req. & Unreq.)	Base/Neutral/Acid Compounds GC/MS (625/8270)	SDWA Primary Standards - Federal	
BTXE/MTBE (8020)		Volatile Organics GC/MS (624/8240)	SDWA Secondary Standards - Federal	
		Polynuclear Aromatics (610/8310)		

AINERS

PROJECT

RECEIPT

PROJ. NAME: CHACO B
 P.O. NO.: 8822
 SHIPPED VIA: Fed-X

NO. CONTAINERS	
CUSTODY SEALS	Y/N/NA
RECEIVED INTACT	
RECEIVED COLD	

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☒ 2 WEEK

SAMPLED & RELINQUISHED BY: 1. RELINQUISHED BY: 2. RELINQUISHED BY: 3.

Signature:	Time:	Signature:	Time:	Signature:	Time:
Printed Name:	Date:	Printed Name:	Date:	Printed Name:	Date:
Company:	Phone:	Company:		Company:	

RECEIVED BY: 1. RECEIVED BY: 2. RECEIVED BY: (LAB) 3.

Signature:	Time:	Signature:	Time:	Signature:	Time:
Printed Name:	Date:	Printed Name:	Date:	Printed Name:	Date:
Company:		Company:		Company:	



Analytical **Technologies**, Inc.

2709-D Pan American Freeway, NE Albuquerque, NM 87107
Phone (505) 344-3777 FAX (505) 344-4413

ATI I.D. 505361

May 23, 1995

El Paso Natural Gas Co.
P.O. Box 4990
Farmington, NM 87499

Project Name/Number: (NONE)

*Kitz Separator 300 bbl Tank
Clean-out*

Attention: John Lambdin

On 05/13/95, Analytical Technologies, Inc., (ADHS License No. AZ0015), received a request to analyze **non-aqueous** sample(s). The sample(s) were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

All analyses were performed by Analytical Technologies, Inc., 225 Commerce Drive, Fort Collins, CO.

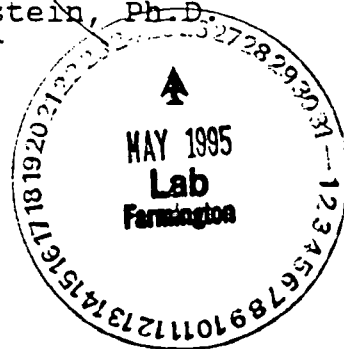
If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

Letitia Krakowski, Ph.D.
Project Manager

H. Mitchell Rubenstein, Ph.D.
Laboratory Manager

MR:jt

Enclosure



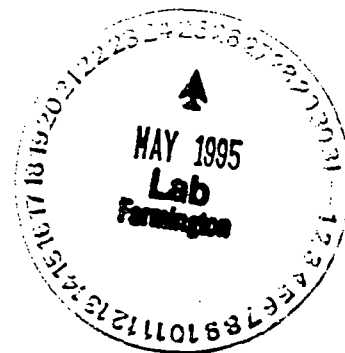


Analytical Technologies, Inc.

CLIENT : EL PASO NATURAL GAS CO. DATE RECEIVED : 05/13/95
PROJECT # : (NONE)
PROJECT NAME : (NONE) REPORT DATE : 05/23/95

ATI ID: 505361

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	950583 Kutz 300 bbl Sty Tanic Clean-out	NON-AQ	05/12/95



---TOTALS---

<u>MATRIX</u>	<u>#SAMPLES</u>
NON-AQ	1

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.



Analytical Technologies, Inc.

TCLP MERCURY
Modified Method 7470

Lab Name: Analytical Technologies, Inc.

Date Collected: 05/12/95

Client Name: ATI - NM

Prep Date: 05/19/95

Client Project ID: EPN -- 505361

Date Analyzed: 05/19/95

Lab Sample ID: RB 95-05-097

CAS Number: 7439-97-6

Sample Matrix: TCLP Leachate

EPA HW Number: D009

Analyte	Client Sample ID	Lab Sample ID	Concentration mg/L	Detection Limit mg/L
Mercury	Reagent Blank	RB 95-05-097	ND	0.002
Mercurv	505361-01	95-05-097-01	ND	0.002

ND = Not Detected

All < 0.002
TCLP Limit = 0.2 mg/l

Passed &
5/24/95



Analytical Technologies, Inc.

**TCLP MERCURY
MATRIX SPIKE**

Sample ID

Lab Name: Analytical Technologies, Inc.

In House

Client Name: ATI - NM

Lab Sample ID: 95-05-079-01

Prep Date: 05/19/95

Sample Matrix: Water

Date Analyzed: 05/19/95

Analvte	Spike Added (mg/L)	Sample Conc. (mg/L)	MS Conc. (mg/L)	% Rec (limits 80-120%)	Flags
Mercury	0.020	< 0.002	0.020	100	

Analvte	MSD Conc. (mg/L)	MSD % Rec (limits 80-120 %)	Relative % Difference (limits 0-20%)	Flags
Mercury	0.021	105	5	

Acceptable
✓
5/29/95

ATI Labs: San Diego (619) 458-9141 • Phoenix (602) 496-4400 • Seattle (206) 228-8335 • Pensacola (904) 474-1001 • Portland (503) 684-0447 • Albuquerque (505) 344-3777 DISTRIBUTION: White, Canary - ATI • P...

CLIENT PROJECT MANAGER:

ANALYSIS REQUEST

[illegible]

PROJECT INFORMATION		SAMPLE RECEIPT		SAMPLES SENT TO:		RELINQUISHED BY: 1.		RELINQUISHED BY: 2.	
PROJECT NUMBER:	505301	TOTAL NUMBER OF CONTAINERS	2	SAN DIEGO	X	Signature:	Time:	Signature:	Time:
PROJECT NAME:	EPN	CHAIN OF CUSTODY SEALS	NA	FT. COLLINS		Printed Name:	Date:	Printed Name:	Date:
QC LEVEL:	STD IV	INTACT?	NA	RENTON		Analytical Technologies, Inc.		Company:	
QC (REQUIRED):	MS MSD BLANK	RECEIVED GOOD CONT. (COLD)	Y	PENSACOLA		Albuquerque			
TAT:	STANDARD RUSH	LAB NUMBER:		PORTLAND					
DUE DATE: 5/30		RUSH SURCHARGE: 0		CLIENT DISCOUNT: 15%		RECEIVED BY: (LAB) 1.		RECEIVED BY: (LAB) 2.	
		CUST# LK441		FIBERQUANT		Signature:	Time:	Signature:	Time:
						Printed Name:	Date:	Printed Name:	Date:
						Company:		Company:	

CLIENT : EL PASO NATURAL GAS, NEW MEXICO
PROJECT # : (NONE)
PROJECT NAME : TANK BOTTOMS

ATI I.D. : 506640

DATE RECEIVED : 06/08/95
REPORT DATE : 06/21/95

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	950657	NON-AQUEOUS	06/07/95

Kutz Separator
TANK BOTTOMS
6-7-95 @ 1145
Roger Bittell

----- TOTALS -----

MATRIX	# SAMPLES
NON-AQUEOUS	1

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

METALS RESULTS

ATI I.D. : 506640

CLIENT : EL PASO NATURAL GAS, NEW MEXICO
PROJECT # : (NONE)
PROJECT NAME : TANK BOTTOMS

DATE RECEIVED : 06/08/95

REPORT DATE : 06/21/95

PARAMETER	UNITS	01
SILVER (TCLP 1311/6010)	MG/L	<0.05
ARSENIC (TCLP 1311/6010)	MG/L	0.2
BARIUM (TCLP 1311/6010)	MG/L	2.92
CADMIUM (TCLP 1311/6010)	MG/L	<0.05
CHROMIUM (TCLP 1311/6010)	MG/L	0.44
MERCURY (TCLP 1311/7470)	MG/L	<0.002
LEAD (TCLP 1311/6010)	MG/L	<0.1
SELENIUM (TCLP 1311/6010)	MG/L	<0.1

San Diego • Phoenix • Seattle • Pensacola • Ft. Collins • Portland • Albuquerque

CHAIN OF CUSTODY

ATI LAB I.D.:

DATE: 6-7-95 PAGE 1 OF 1

PROJECT MANAGER: JOHN (Ambelina)

COMPANY: El Paso Natural Gas
ADDRESS: P.O. Box 4990
Farmington, N.M. 87499
PHONE: PH. 4 (505) 599-2141
FAX: (505) 599-2261

BL TO: _____
COMPANY: SAME AS PHONE
ADDRESS: _____

ANALYSIS REQUEST

[illegible]

PROJECT INFORMATION

SAMPLE RECEIPT

NO. CONTAINERS	
CUSTODY SEALS	Y / N / NA
RECEIVED INTACT	
RECEIVED COLD	

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

0-15 min ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☒ 2 WEEK

ments: *12/1/68*

95B004202.0012.0113

SAMPLED & RELINQUISHED BY: 1.

RELINQUISHED BY:

2.

RELINQUISHED BY:

Signature: <i>[Signature]</i>	Time: <i>15:10</i>	Signature:	Time:	Signature:	Time:
Printed Name: <i>Bozell E.</i>	Date: <i>6-2-83</i>	Printed Name:	Date:	Printed Name:	Date:
Company: <i>EPIC</i>	Phone: <i>88-241</i>	Company:		Company:	

RECEIVED BY:

RECEIVED BY:

By using the above information, the following can be determined:

RECEIVED BY (LAB)

Signature: _____	Time: _____	Signature: _____	Time: _____	Signature: _____	Time: _____
Printed Name: _____	Date: _____	Printed Name: _____	Date: _____	Printed Name: _____	Date: _____
Company: _____		Company: _____		Company: _____	_____

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: NATURAL GAS ENGINE OIL

EPNG MSDS NO: 00403
PRODUCT ITEM NO: 0062150DATE ISSUED: / /
LAST REVISED DATE: 06/21/1993

MANUFACTURER

NAME: MOBIL OIL CORPORATION
ADDRESS: 3225 GALLOWES ROADCITY: FAIRFAX,
STATE: VA ZIP: 22037EMERGENCY TELEPHONE: (609) 737-4411
24 HOUR TELEPHONE: () -NFPA HEALTH: FIRE: REACTIVITY:
CERCLA HEALTH: FIRE: REACTIVITY: PERSISTENCE:MOLECULAR FORMULA: NA
MOLECULAR WEIGHT: NATRADE SECRET: N
TIER II REPORTABLE:BOILING POINT: > 600F (316 C) EVAPORATION RATE: NA
MELTING POINT: NA VAPOR PRESSURE: < .1
VISCOSITY: @ 100C, CS: 12.5 SPECIFIC GRAVITY: 0.000
VAPOR DENSITY: MMHG 20C: < 0.1 WATER SOLUBILITY: NEGILGIBLEFLASH POINT : > 450 F (232 C) METHOD: ASTM D-92
AUTOIGNITION : NA LEL: .6% UEL: 7.0%

PHYSICAL FORMS PURE: MIX: LIQUID: Y GAS: SOLID:

REMARKS:

24-HR EMER. CALL COLLECT 609/737-4411; CHEMTREC: (800) 662-4525;
PRODUCT AND MSDS INFORMATION: (800) 662-4525

PRODUCT SYNONYMS

**** N/A ****

**** N/A ****

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: NATURAL GAS ENGINE OIL

SECTION I MATERIAL IDENTIFICATION

SUPPLIER: MOBIL OIL CORPORATION
CHEMICAL NAMES AND SYNONYMS: PET. HYDROCARBONS AND ADDITIVES
USE OR DESCRIPTION: NATURAL GAS ENGINE OIL
24-HR. EMERGENCY (CALL COLLECT): (609) 737-4411
CHEMTREC: (800) 424-9300
PRODUCT AND MSDS INFORMATION: (800) 662-4525

SECTION II INGREDIENTS AND HAZARDS

N/A

SECTION III PHYSICAL DATA

APPEARANCE: Dark Amber Liquid
ODOR: Mild
PH: NA
VISCOSITY AT 40 C, CS: 124.0
VISCOSITY AT 100 C, CS: 12.5
FLASH POINT F(C): < 450(232) (ASTM D-92)
MELTING POINT F(C): NA POUR POINT F(C): 5(-15)
BOILING POINT F(C): > 600(316)
RELATIVE DENSITY, 15/4 C: 0.88
SOLUBILITY IN WATER: Negligible
VAPOR PRESSURE-mm Hg 20C: < .1

SECTION IV FIRE AND EXPLOSION DATA

FLASH POINT F(C): > 450(232) (ASTM D-92)

FLAMMABLE LIMITS. LEL: .6% UEL: 7.0%

EXTINGUISHING MEDIA: Carbon Dioxide, Foam, Dry Chemical and water fog

SPECIAL FIRE FIGHTING PROCEDURES:

Water OR foam may cause frothing. Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. For fires in enclosed areas, firefighters must use self-contained breathing apparatus. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

NFPA HAZARD ID: Health: 0, Flammability: 1, Reactivity: 0

SECTION V REACTIVITY DATA

STABILITY (Thermal, Light, etc.): Stable
CONDITIONS TO AVOID: Extreme Heat
INCOMPATIBILITY (Materials to Avoid): Strong Oxidizers

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: NATURAL GAS ENGINE OIL

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, Sulfur Oxides
 HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI HEALTH AND HAZARD INFORMATION

--- INCLUDES AGGRAVATED MEDICAL CONDITIONS, IF ESTABLISHED ---

THRESHOLD LIMIT VALUE: 5.00 mg/m3 Suggested for Oil Mist
 EFFECTS OF OVEREXPOSURE: No significant effects expected.

***** EMERGENCY AND FIRST AID PROCEDURES *****
 --- FOR PRIMARY ROUTES OF ENTRY ---

EYE CONTACT: Flush thoroughly with water. If irritation persists,
 call a physician.

SKIN CONTACT: Wash contact areas with soap and water.

INHALATION: Not expected to be a problem.

INGESTION: Not expected to be a problem. However, if greater than
 1/2 litre (pint) ingested, immediately give 1 to 2 glasses of water and
 call a physician, hospital emergency room or poison control center for
 assistance. Do not induce vomiting or give anything by mouth to an
 unconscious person.

***** TOXICOLOGICAL DATA *****
 --- ACUTE TOXICOLOGY ---

ORAL TOXICITY (RATS): Practically non-toxic (LD50 greater than 2000
 mg/kg). ---Based on testing of similar products and/or the components.

DERMAL TOXICITY (RABBITS): Practically non-toxic (LD50: greater than
 2000 mg/kg). --Based on testing of similar products and/or the
 components.

INHALATION TOXICITY (RATS): Not applicable --- Harmful concentration
 of mists and/or vapors are unlikely to be encountered through any
 customary or reasonably foreseeable handling, use, or misuse of this
 product.

EYE IRRITATION (RABBITS): Practically non-irritating. (Draize score:
 0 or greater but 6 or less). -- Based on testing of similar products
 and/or the components.

SKIN IRRITATION (RABBITS): Practically non-irritating (Primary
 irritation index: 0.5 or less). -- Based on testing of similar
 products and/or the components.

--- SUBCHRONIC TOXICOLOGY (SUMMARY) ---

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: NATURAL GAS ENGINE OIL

Severely solvent refined and severely hydrotreated mineral base oils
 have been tested at Mobil Environmental and Health Sciences Laboratory
 by dermal application to rats 5 days/week for 90 days at doses
 significantly higher than those expected during normal industrial
 exposure. Extensive evaluations including microscopic examination of
 internal organs and clinical chemistry of body fluids, showed no
 adverse effects.

--- CHRONIC TOXICOLOGY (SUMMARY) ---

The base oils in this product are severely solvent refined and/or
 severely hydrotreated. Chronic mouse skin painting studies of similar
 oils showed no evidence of carcinogenic effects.

SECTION VII SPILL, LEAK, AND DISPOSAL PROCEDURES

ENVIRONMENTAL IMPACT: In case of accident or road spill notify
 CHEMTREC (800) 424-9300. Report spills as required to appropriate
 authorities. U.S. Coast Guard regulations require immediate reporting
 of spills that could reach any waterway including intermittent dry
 creeks. Report spill to Coast Guard toll free number (800) 424-8802.

PROCEDURES IF MATERIAL IS RELEASED OR SPILLED:

Absorb on fire retardant treated sawdust, diatomaceous earth, etc.
 Shovel up and dispose of at an appropriate waste disposal facility in
 accordance with current applicable laws and regulations, and product
 characteristics at time of disposal.

WASTE MANAGEMENT:

Product is suitable for burning in an enclosed, controlled burner for
 fuel value or disposal by supervised incineration. Such burning may
 be limited pursuant to the Resource Conservation and Recovery Act.
 In addition, the product is suitable for processing by an approved waste
 disposal facility. Use of these methods is subject to user compliance
 with applicable laws and regulations and consideration of product
 characteristics at time of disposal.

SECTION VIII SPECIAL PROTECTION INFORMATION

EYE PROTECTION: Normal industrial eye protection practices should be
 employed.

SKIN PROTECTION: No special equipment required. However, good
 personal hygiene practices should always be followed.

RESPIRATORY PROTECTION: No special requirements under ordinary
 conditions of use and with adequate ventilation.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: NATURAL GAS ENGINE OIL

VENTILATION: No special requirements under ordinary conditions or use and with adequate ventilation.

SECTION IX SPECIAL PRECAUTIONS AND COMMENTS

No special precautions required.

GOVERNMENTAL INVENTORY STATUS: All components registered in accordance with TSCA and EINECS.

DOT:

Shipping Name: Not applicable
Hazard Class: Not applicable

US OSHA HAZARD COMMUNICATION STANDARD: Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined not to be hazardous.
RCRA INFORMATION: The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D) nor is it formulated to contain materials which are listed hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity, or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.
U.S. Superfund Amendments and Reauthorization Act (SARA) Title III: This product contains no "EXTREMELY HAZARDOUS SUBSTANCES".
SARA (311/312 - FORMERLY 302) REPORTABLE HAZARD CATEGORIES: None
This product contains no chemicals reportable under SARA (313) toxic release program.

THE FOLLOWING PRODUCT INGREDIENTS ARE CITED ON THE LISTS BELOW:

CHEMICAL NAME	CAS #	LIST CITATIONS
ZINC (Elemental analysis) (.05)	7440-66-6	22
PHOSPHORODITHOIC ACID, O,O-DI C1	68649-42-3	22
14-ALKYL ESTERS, ZINC SALTS (2:1) (ZDDP) (.41%)		

--- REGULATORY LISTS SEARCH ---

1 = ACGIH ALL	6 = IARC 1	11 = TSCA 4	17 = CA P65	22 = MI 293
2 = ACGIH A1	7 = IARC 2A	12 = TSCA 5a2	18 = CA RTK	23 = MN RTK
3 = ACGIH A2	8 = IARC 2B	13 = TSCA 5e	19 = FL RTK	24 = NJ RTK
4 = NTP CARC	9 = OSHA CARC	14 = TSCA 6	20 = IL RTK	25 = PA RTK
5 = NTP SUS	10 = OSHA Z	15 = TSCA 12b	21 = LA RTK	26 = RI RTK
		16 = WHMIS		

CARC = CARCINOGEN: SUS = SUSPECTED CARCINOGEN

NOTE: MOBIL PRODUCTS ARE NOT FORMULATED TO CONTAIN PCBS.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: NATURAL GAS ENGINE OIL

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IN RESPECT TO THE USE OR SUITABILITY OF THE PRODUCT. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.

PREPARED BY: MOBIL OIL CORPORATION

ENVIRONMENTAL HEALTH AND SAFETY DEPARTMENT, PRINCETON, NJ

FOR FURTHER INFORMATION CONTACT:

Mobil Oil Corporation, Product Formulation and Quality Control
3225 Gallows Road, Fairfax, VA 22037 (800) 227-0707 X3265

obbs, NM 88241-1980-
District II - (505) 748-1283
S. First
resia, NM 88210
District III - (505) 334-6178
000 Rio Brazos Road
tec, NM 87410
District IV - (505) 827-7131

Energy Minerals and Natural Resources Department
Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form 13
Originated 4/18/
Submit Original
Plus 1 Copy
to appropriate
District Office

RECEIVED
JAN - 4 1996

CONSERVATION DIVISION
RECEIVED

Oil Conservation Division
District 3

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator TIDEWATER Compression
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site AZTEC YARD
2. Management Facility Destination Envirotech Soil Remediation Facility Landfarm No. 2 Hilltop, NM	6. Transporter ENVIROTECH
3. Address of Facility Operator 5796 Hwy. 64-3014 Farmington, NM	8. State NEW MEXICO
7. Location of Material (Street Address or ULSTR)	1125 US HWY 550, AZTEC, NM
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Semi-Solid WASH BAY SOLIDS
TCLP ATTACHED

Oil Conservation Division
Environmental Bureau

DEC 26 1995

RECEIVED

RECEIVED
DEC 21 1995

OIL CON. DIV.
DIST. 3

Estimated Volume 20-40 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: Robert M. Young TITLE: Landfarm Supervisor DATE: 12-21-95
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Robert M. Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY: 1 TITLE: Geologist DATE: 12/21/95
APPROVED BY: Contin TITLE: GEOLOGIST DATE: 12 29 95

Hobbs, NM 88241-1980
District II (505) 748-1283
811 S. First
Artesia, NM 88210
District III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV (505) 827-7131

New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

ENT
Department

Form C-138
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator <u>TIDEWATER Compression</u>
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site <u>AZTEC YARD</u>
2. Management Facility Destination <u>Envirotech Soil Remediation Facility Landfarm No. 2 Hilltop, NM</u>	6. Transporter <u>ENVIROTECH</u>
3. Address of Facility Operator <u>5796 Hwy. 64-3014 Farmington, NM</u>	8. State <u>NEW MEXICO</u>
7. Location of Material (Street Address or ULSTR)	<u>1125 US HWY 550, AZTEC, NM</u>
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Semi-Solid WASH BAY SOLIDS
TCLP ATTACHED

RECEIVED
DEC 21 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 20-40 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: Robert M. Young for RMT TITLE: Landfarm Supervisor DATE: 12-21-95
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Robert M. Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY: Denny G. Funt TITLE: Geologist DATE: 12/21/95
APPROVED BY: _____ TITLE: _____ DATE: _____

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

REAFFIRMATION OF WASTE STATUS / NON-EXEMPT WASTE

I hereby certify that the attached Request For Approval and Certificate of Waste Status are for materials generated using the same procedures and equipment employed to generate the waste on which Toxicity Characterization Leaching Procedures (TCLP) analysis was performed. I further certify that said material is from operations in the immediate Four Corners area.

RECEIVED
JAN - 4 1996

OIL CON. DIV.
DIST. 3

Signed James M. Woods

Date of TCLP 8-3-95

Name Tide Water Compression

Title/Agency Tide Water Compression

Address 1125 U.S. 550

Aztec N.M. 87410

Signature James M. Woods

Date 12-29-95

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Post-it® Fax Note	7671	Date	12/19/95	# of pages	1
To	Harlan Brown	From	L. Binger		
Co./Dept.	EnviroTech	Co.	JCS-Aztec		
Phone #	632-0615	Phone #	334-6713		
Fax #	632-1865	Fax #	334-7547		

CERTIFICATE OF WASTE STATUS OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: TideWater Compressor Service, 1125 US HWY 550, Aztec

Source: Semi-Solid Waste Box Solids

Disposal Location: Envirotech Soil Remediation Facility, (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for TIDEWATER COMPRESSORS concur with the status of the waste from the subject site.

Name Cecilia Yeal
Title/Agency Area Supervisor
Address 1125 U.S. HWY 550 AZTEC
Signature [Signature]
Date 12-19-95

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

SUSPECTED HAZARDOUS & SOLID WASTE ANALYSIS

Client:	Tidewater Compression	Project #:	95008
Sample ID:	Wash Bay Sludge	Date Reported:	08-08-95
Lab ID#:	8769	Date Sampled:	08-03-95
Sample Matrix:	Sludge	Date Received:	08-03-95
Preservative:	Cool	Date Analyzed:	08-04-95
Condition:	Cool & Intact	Chain of Custody:	4319

Parameter	Result
-----------	--------

IGNITABILITY: Did not ignite upon direct contact with flame.

CORROSIVITY: pH of 8.13

REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

RCRA Hazardous Waste Criteria

Parameter	Hazardous Waste Criterion
-----------	---------------------------

IGNITABILITY: Sample Ignition upon direct contact with flame indicates hazardous waste status.

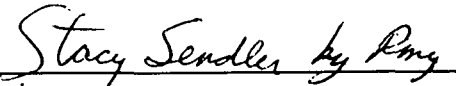
CORROSIVITY: pH < 2 or pH > 12.5 indicates hazardous waste status.

REACTIVITY: Violent reaction with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric Acid) indicates hazardous waste status.

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: 1125 U.S. Hwy 550, Aztec, NM.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHODS 8010/8020
AROMATIC / HALOGENATED
VOLATILE ORGANICS

Client:	Tidewater Compression	Project #:	95008
Sample ID:	Wash Bay Sludge	Date Reported:	08-07-95
Laboratory Number:	8769	Date Sampled:	08-03-95
Chain of Custody:	4319	Date Received:	08-03-95
Sample Matrix:	Sludge	Date Extracted:	08-03-95
Preservative:	Cool	Date Analyzed:	08-07-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.0002	0.2
1,1-Dichloroethene	ND	0.0002	0.7
2-Butanone (MEK)	ND	0.0001	200
Chloroform	ND	0.0002	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0001	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0001	0.5
Tetrachloroethene	ND	0.0009	0.7
Chlorobenzene	ND	0.0001	100
1,4-Dichlorobenzene	ND	0.0005	7.5

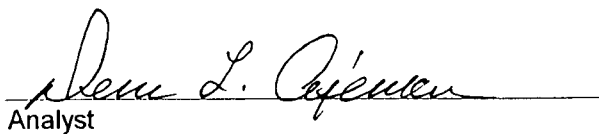
ND - Parameter not detected at the stated detection limit.

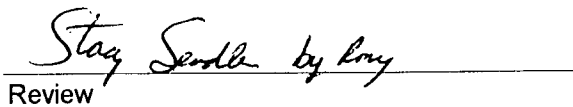
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Trifluorotoluene	98%
	Bromofluorobenzene	97%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: 1125 US Hwy 550, Aztec, NM.


Analyst


Review

Client:	Tidewater Compression	Project #:	95008
Sample ID:	Wash Bay Sludge	Date Reported:	08-09-95
Laboratory Number:	8769	Date Sampled:	08-03-95
Chain of Custody:	4319	Date Received:	08-03-95
Sample Matrix:	Sludge	Date Extracted:	08-03-95
Preservative:	Cool	Date Analyzed:	08-09-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200
p,m-Cresol	ND	0.040	200
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400
Pentachlorophenol	ND	0.020	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	100%
	2,4,6-Tribromophenol	95%

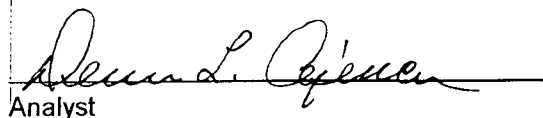
References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 198

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: 1125 US Hwy 550, Aztec, NM.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

**EPA Method 8090
Nitroaromatics and Cyclic Ketones
TCLP Base/Neutral Organics**

Client:	Tidewater Compression	Project #:	95008
Sample ID:	Wash Bay Sludge	Date Reported:	08-09-95
Laboratory Number:	8769	Date Sampled:	08-03-95
Chain of Custody:	4319	Date Received:	08-03-95
Sample Matrix:	Sludge	Date Extracted:	08-03-95
Preservative:	Cool	Date Analyzed:	08-08-95
Condition:	Cool and Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

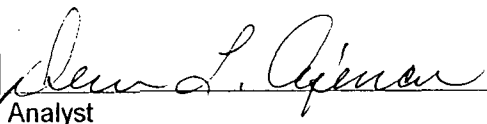
ND - Parameter not detected at the stated detection limit.

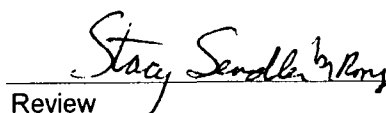
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	2-fluorobiphenyl	103%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: **1125 US Hwy 550, Aztec, NM.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	Tidewater Compression	Project #:	95008
Sample ID:	Wash Bay Sludge	Date Reported:	08-11-95
Laboratory Number:	8769	Date Sampled:	08-03-95
Chain of Custody:	4319	Date Received:	08-03-95
Sample Matrix:	Sludge	Date Analyzed:	08-10-95
Preservative:	Cool	Date Extracted:	08-03-95
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
Arsenic	0.006	0.001	5.00
Barium	4.61	0.01	100
Cadmium	0.084	0.001	1.00
Chromium	ND	0.001	5.00
Lead	0.035	0.001	5.00
Mercury	ND	0.001	0.200
Selenium	0.005	0.001	1.00
Silver	ND	0.1	5.0

ND - Parameter not detected at the stated detection limit.

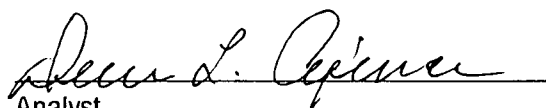
References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

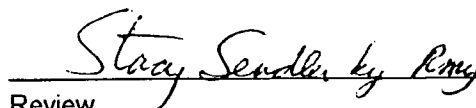
Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760 Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: 1125 US Hwy 550, Aztec, NM.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

EPA METHODS 8010/8020
AROMATIC / HALOGENATED
VOLATILE ORGANICS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-07-95
Laboratory Number:	08-07-TCV.BLANK	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-07-95
Condition:	N/A	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.0002	0.2
1,1-Dichloroethene	ND	0.0002	0.7
2-Butanone (MEK)	ND	0.0001	200
Chloroform	ND	0.0002	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0001	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0001	0.5
Tetrachloroethene	ND	0.0009	0.7
Chlorobenzene	ND	0.0001	100
1,4-Dichlorobenzene	ND	0.0005	7.5

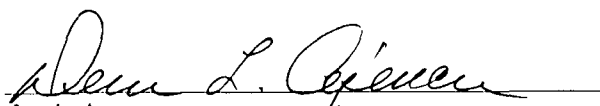
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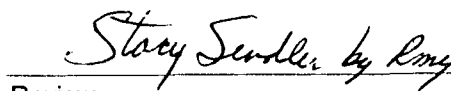
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Trifluorotoluene	101%
	Bromofluorobenzene	99%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for samples 8767 - 8769.


Analyst


Review

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	08-07-95
Laboratory Number:	08-03-TCV.MB	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-07-95
Condition:	N/A	Date Extracted:	08-03-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.0002	0.2
1,1-Dichloroethene	ND	0.0002	0.7
2-Butanone (MEK)	ND	0.0001	200
Chloroform	ND	0.0002	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0001	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0001	0.5
Tetrachloroethene	ND	0.0009	0.7
Chlorobenzene	ND	0.0001	100
1,4-Dichlorobenzene	ND	0.0005	7.5

ND - Parameter not detected at the stated detection limit.

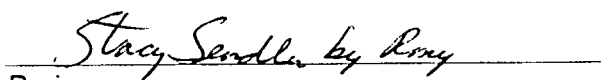
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Trifluorotoluene	103%
	Bromofluorobenzene	100%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for samples 8767 - 8769.


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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS QUALITY ASSURANCE REPORT

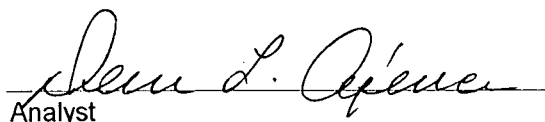
Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-07-95
Laboratory Number:	8769	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	08-07-95
Condition:	N/A	Date Extracted:	08-03-95

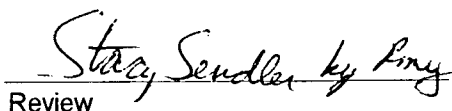
Parameter	Sample Result (mg/L)	Duplicate Sample Result (mg/L)	Detection Limits (mg/L)	Percent Difference
Vinyl Chloride	ND	ND	0.0002	0.0%
1,1-Dichloroethene	ND	ND	0.0002	0.0%
2-Butanone (MEK)	ND	ND	0.0001	0.0%
Chloroform	ND	ND	0.0002	0.0%
Carbon Tetrachloride	ND	ND	0.0001	0.0%
Benzene	ND	ND	0.0001	0.0%
1,2-Dichloroethane	ND	ND	0.0001	0.0%
Trichloroethene	ND	ND	0.0001	0.0%
Tetrachloroethene	ND	ND	0.0009	0.0%
Chlorobenzene	ND	ND	0.0001	0.0%
1,4-Dichlorobenzene	ND	ND	0.0005	0.0%

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples 8767 - 8769.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS QUALITY ASSURANCE REPORT

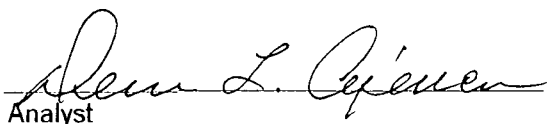
Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	08-07-95
Laboratory Number:	8769	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	08-07-95
Condition:	N/A	Date Extracted:	08-03-95

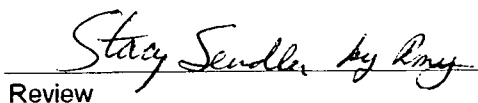
Parameter	Sample Result (mg/L)	Spike Added (mg/L)	Spiked Sample Result (mg/L)	Det. Limit (mg/L)	Percent Recovery	SW-846 % Rec. Accept. Range
Vinyl Chloride	ND	0.020	0.0199	0.0002	99%	28-163
1,1-Dichloroethene	ND	0.020	0.0203	0.0002	101%	43-143
2-Butanone (MEK)	ND	0.020	0.0198	0.0001	93%	47-132
Chloroform	ND	0.020	0.0198	0.0002	99%	49-133
Carbon Tetrachloride	ND	0.020	0.0203	0.0001	102%	43-143
Benzene	ND	0.020	0.0205	0.0001	102%	39-150
1,2-Dichloroethane	ND	0.020	0.0205	0.0001	102%	51-147
Trichloroethene	ND	0.020	0.0202	0.0001	98%	35-146
Tetrachloroethene	ND	0.020	0.0208	0.0009	102%	26-162
Chlorobenzene	ND	0.020	0.0210	0.0001	105%	38-150
1,4-Dichlorobenzene	ND	0.020	0.0198	0.0005	97%	42-143

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples 8767 - 8769.


Analyst


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Quality Assurance Report
Laboratory Blank

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-09-95
Laboratory Number:	08-09-TCA.BLANK	Date Sampled:	N/A
Sample Matrix:	2-Propanol	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-09-95
Condition:	N/A	Analysis Requested:	TCLP

Analytical Results	Concentration	Detection	Regulatory
Parameter	(mg/L)	Limit	Limit
		(mg/L)	(mg/L)
o-Cresol	ND	0.020	200
p,m-Cresol	ND	0.040	200
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400
Pentachlorophenol	ND	0.020	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-fluorophenol	100 %
	2,4,6-tribromophenol	94 %

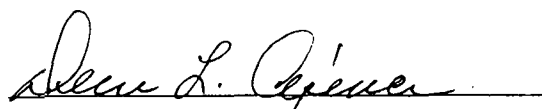
References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 198

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: QA/QC for samples 8767 - 8769.


Analyst


Review

EPA METHOD 8040
PHENOLS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	08-09-95
Laboratory Number:	08-03-TCA.MB	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	08-03-95
Condition:	Cool & Intact	Date Analyzed:	08-09-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200
p,m-Cresol	ND	0.040	200
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400
Pentachlorophenol	ND	0.020	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	98%
	2,4,6-Tribromophenol	105%

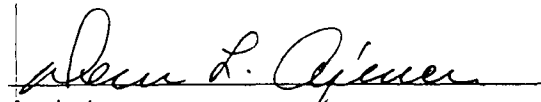
References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

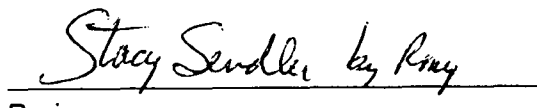
Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 198

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: QA/QC for samples 8767 - 8769.


Analyst


Review

EPA METHOD 8040

PHENOLS

Quality Assurance Report

Matrix Duplicate

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-09-95
Laboratory Number:	8769	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	08-03-95
Condition:	Cool & Intact	Date Analyzed:	08-09-95
		Analysis Requested:	TCLP

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Detection Limit (mg/L)	Percent Difference
o-Cresol	ND	ND	0.020	0.0%
p,m-Cresol	ND	ND	0.040	0.0%
2,4,6-Trichlorophenol	ND	ND	0.020	0.0%
2,4,5-Trichlorophenol	ND	ND	0.020	0.0%
Pentachlorophenol	ND	ND	0.020	0.0%

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Maximum Difference
	8040 Compounds	30.0%

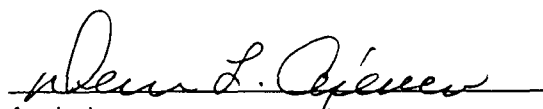
References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

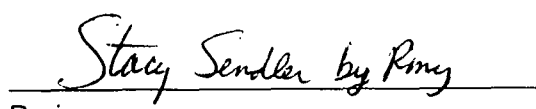
Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: QA/QC for samples 8767 - 8769.


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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8090
Nitroaromatics and Cyclic Ketones
TCLP Base/Neutral Organics
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-09-95
Laboratory Number:	08-08-TBN.BLANK	Date Sampled:	N/A
Sample Matrix:	Hexane	Date Received:	N/A
Preservative:	N/A	Date Extracted:	N/A
Condition:	N/A	Date Analyzed:	08-08-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

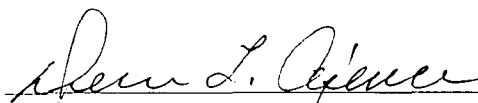
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery
	2-fluorobiphenyl	103%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for samples 8767 - 8769.


Analyst


Review

EPA Method 8090
Nitroaromatics and Cyclic Ketones
TCLP Base/Neutral Organics
QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	08-09-95
Laboratory Number:	08-03-TBN.MB	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	08-03-95
Condition:	Cool and Intact	Date Analyzed:	08-08-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

ND - Parameter not detected at the stated detection limit.

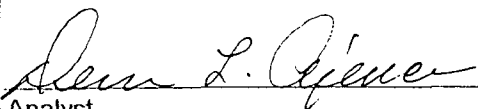
QA/QC Acceptance Criteria	Parameter	Percent Recovery
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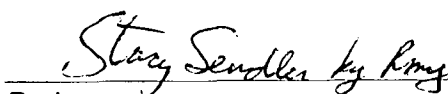
2-fluorobiphenyl 102%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for samples 8767 - 8769.


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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8090
Nitroaromatics and Cyclic Ketones
TCLP Base/Neutral Organics
QA/QC Matrix Duplicate Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-08-95
Laboratory Number:	8769	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Extracted:	08-03-95
Condition:	N/A	Date Analyzed:	08-08-95
		Analysis Requested:	TCLP

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference	Det. Limit (mg/L)
Pyridine	ND	ND	0.0%	0.020
Hexachloroethane	ND	ND	0.0%	0.020
Nitrobenzene	ND	ND	0.0%	0.020
Hexachlorobutadiene	ND	ND	0.0%	0.020
2,4-Dinitrotoluene	ND	ND	0.0%	0.020
HexachloroBenzene	ND	ND	0.0%	0.020

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Maximum Difference
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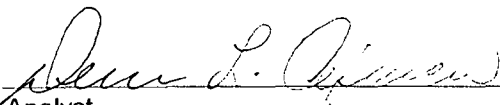
8090 Compounds

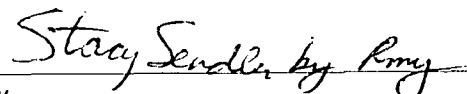
30%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for samples 8767 - 8769.


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Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	QA/QC	Project #:	N/A
Sample ID:	Blanks	Date Reported:	08-11-95
Laboratory Number:	N/A	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	08-10-95
Condition:	N/A	Date Extracted:	N/A

Parameter	Instrument Blank (mg/L)	Method Blank (mg/L)	Det. Limit (mg/L)
Arsenic	ND	ND	0.001
Barium	ND	ND	0.01
Cadmium	ND	ND	0.001
Chromium	ND	ND	0.001
Lead	ND	ND	0.001
Mercury	ND	ND	0.001
Selenium	ND	ND	0.001
Silver	ND	ND	0.1

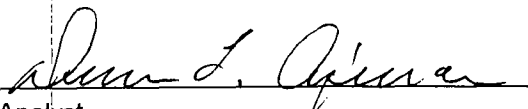
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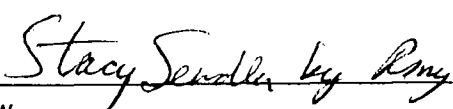
References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760 Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Comments: QA/QC for samples 8767 - 8769.


Analyst


Review

EPA METHOD 1311
TOXICITY CHARACTERISTIC
LEACHING PROCEDURE
TRACE METAL ANALYSIS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-11-95
Laboratory Number:	8769	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	Trace Metals	Date Analyzed:	08-10-95
Condition:	N/A	Date Extracted:	08-03-95

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference
Arsenic	0.006	0.006	0.0%
Barium	4.61	4.70	1.9%
Cadmium	0.084	0.082	2.4%
Chromium	ND	ND	0.0%
Lead	0.035	0.036	2.8%
Mercury	ND	ND	0.0%
Selenium	0.005	0.005	0.0%
Silver	ND	ND	0.0%

ND - Parameter not detected at the stated detection limit.

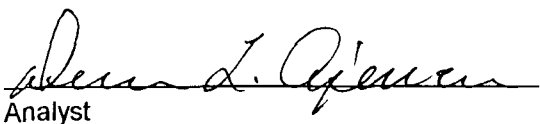
QA/QC Acceptance Criteria:	Parameter	Maximum Difference
	Trace Metals	30 %

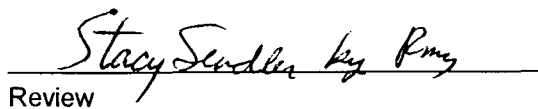
References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760 Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Comments: QA/QC for samples 8767 - 8769.


Analyst


Review

EPA METHOD 1311
TOXICITY CHARACTERISTIC
LEACHING PROCEDURE
TRACE METAL ANALYSIS

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Spike	Date Reported:	08-11-95
Laboratory Number:	8769	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	08-10-95
Condition:	N/A	Date Extracted:	08-03-95

Parameter	Spike Added (mg/L)	Sample Result (mg/L)	Spiked Sample Result (mg/L)	Percent Recovery
Arsenic	0.100	0.006	0.106	100%
Barium	1.00	4.61	5.51	98%
Cadmium	0.100	0.084	0.184	100%
Chromium	0.100	ND	0.099	99%
Lead	0.100	0.035	0.135	100%
Mercury	0.050	ND	0.049	98%
Selenium	0.100	0.005	0.105	100%
Silver	1.0	ND	1.0	100%

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Acceptance Range %
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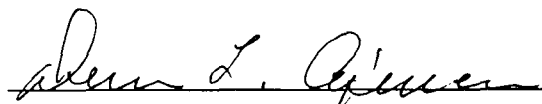
TCLP Metals **80 - 120 %**

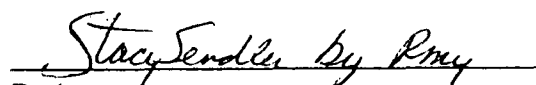
References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760 Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Comments: **QA/QC for samples 8767 - 8769.**


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name TIDEWATER COMPRESSION			Project Location 1125 US HWY 550 AZTEC, NM		ANALYSIS/PARAMETERS															
Sampler: (Signature) <i>Nath Spener</i>			Chain of Custody Tape No. 95008		No. of Containers 2	<i>REC'D HHP</i>	☒						Remarks							
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix																
<i>Wash Bay Sludge</i>	<i>8-3-95</i>	<i>1240</i>	<i>8769</i>	<i>SLUDGE</i>																
Relinquished by: (Signature) <i>Nath Spener</i>			Date <i>8-3-95</i>	Time <i>1345</i>	Received by: (Signature) <i>Paul L. Spencer</i>						Date <i>8/3/95</i>	Time <i>1345</i>								
Relinquished by: (Signature)					Received by: (Signature)															
Relinquished by: (Signature)					Received by: (Signature)															

ENVIROTECH INC.

5796 U.S. Highway 64-3014
Farmington, New Mexico 87401
(505) 632-0615

Hobbs, NM 88241-1980
District I - (505) 748-1283
851 S. First
Albuquerque, NM 88210
District II - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

CO
Energy, Minerals and Natural Resource Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form
Originated 4/1

Submit Original
Plus 1
to appropriate
District Office

95 DEC 18 AM 8 52

92132

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☐	4. Generator <u>Halliburton Energy Services</u>
Verbal Approval Received: Yes ☐ No ☐	5. Originating Site <u>4109 E Main</u>
2. Management Facility Destination <u>Envirotech Soil Remediation Facility Landfarm No. 2 Hilltop, NM</u>	6. Transporter <u>Envirotech</u>
3. Address of Facility Operator <u>5796 Hwy. 64-3014 Farmington, NM</u>	8. State <u>New Mexico</u>
7. Location of Material (Street Address or ULSTR)	<u>4109 E Main Farmington NM,</u>
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

CONTINUATION of WASH BAY SOLIDS
TCLP ATTACHED

RECEIVED
DEC 26 1995
OIL CON. DIV.
DIST. 3

RECEIVED
DEC 19 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 40 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: Robert M. Young TITLE: Landfarm Supervisor DATE: 12-18-95
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Robert M. Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY: Denny G. Keint TITLE: Geologist DATE: 12/19/95
APPROVED BY: C. Austin TITLE: GEOLOGIST DATE: 12-22-95

P. O. Box 1940
Hobbs, NM 88241-1980
District I - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy, Minerals and Natural Resource Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-13
Originated 4/18/9

Submit Original
Plus 1 Cc
to appropriate
District Office

92132

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☐	4. Generator <u>Halliburton Energy Services</u>
Verbal Approval Received: Yes ☐ No ☐	5. Originating Site <u>4109 E Main</u>
2. Management Facility Destination <u>Envirotech Soil Remediation Facility Landfarm No. 2 Hilltop, NM</u>	6. Transporter <u>Envirotech</u>
3. Address of Facility Operator <u>5796 Hwy. 64-3014 Farmington, NM</u>	8. State <u>New Mexico</u>
7. Location of Material (Street Address or ULSTR)	<u>4109 E Main Farmington NM,</u>
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

CONTINUATION of WASH BAY SOLIDS
TCLP ATTACHED

RECEIVED
DEC 19 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 40 cy cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: Robert M. Young for RMY TITLE: Landfarm Supervisor DATE: 12-18-95
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Robert M. Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY: Denny G. Feint TITLE: Geologist DATE: 12/19/95
APPROVED BY: _____ TITLE: _____ DATE: _____

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CERTIFICATE OF WASTE STATUS OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: HALLIBURTON Energy Service 4109 E. Main Farmington, N.M.

Source: Wash Rack (BAR) SOLIDS.

Disposal Location: Envirotech Soil Remediation Facility, (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for HALLIBURTON ENERGY SERVICES concur with the status of the waste from the subject site.

Name RJ GREENAKER
Title/Agency E.S.O.

Address 4109 E. MAIN ST.
FARMINGTON, NM

Signature RJ Greenaker

Date Dec 18, 1995

Client:	Halliburton	Project #:	92132
Sample ID:	Wash Bay Solids	Date Reported:	10-10-95
Lab ID#:	9148	Date Sampled:	10-04-95
Sample Matrix:	Soil	Date Received:	10-04-95
Preservative:	Cool	Date Analyzed:	10-04-95
Condition:	Cool & Intact	Chain of Custody:	4508

Parameter	Result
-----------	--------

IGNITABILITY: Did not ignite upon direct contact with flame.

CORROSIVITY: pH of 5.46

REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

RCRA Hazardous Waste Criteria

Parameter	Hazardous Waste Criterion
-----------	---------------------------

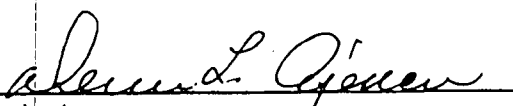
IGNITABILITY: Sample Ignition upon direct contact with flame indicates hazardous waste status.

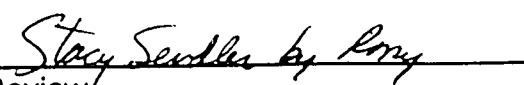
CORROSIVITY: pH less than or equal to 2.0 or pH greater than or equal to 12.5 indicates hazardous waste status.

REACTIVITY: Violent reaction with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric Acid) indicates hazardous waste status.

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: 4109 E. Main, Farmington, NM.


Analyst


Review

EPA METHOD 1311
TOXICITY CHARACTERISTIC
LEACHING PROCEDURE
TRACE METAL ANALYSIS

Client:	Halliburton	Project #:	92132
Sample ID:	Wash Bay Solids	Date Reported:	10-11-95
Laboratory Number:	9148	Date Sampled:	10-04-95
Chain of Custody:	4508	Date Received:	10-04-95
Sample Matrix:	Soil	Date Analyzed:	10-11-95
Preservative:	Cool	Date Extracted:	10-04-95
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
Arsenic	ND	0.001	5.00
Barium	1.40	0.01	100
Cadmium	0.011	0.001	1.00
Chromium	0.017	0.001	5.00
Lead	0.343	0.001	5.00
Mercury	ND	0.001	0.200
Selenium	ND	0.001	1.00
Silver	ND	0.1	5.0

ND - Parameter not detected at the stated detection limit.

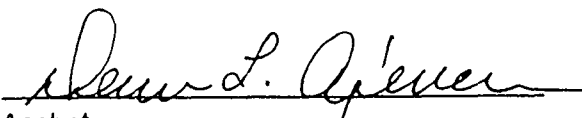
References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

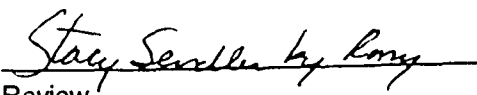
Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760 Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: 4109 E. Main, Farmington, NM.


Analyst


Review

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

EPA METHOD 1311
TOXICITY CHARACTERISTIC
LEACHING PROCEDURE
TRACE METAL ANALYSIS

Client:	QA/QC	Project #:	N/A
Sample ID:	Blanks	Date Reported:	10-11-95
Laboratory Number:	N/A	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	10-11-95
Condition:	N/A	Date Extracted:	N/A

Parameter	Instrument Blank (mg/L)	Method Blank (mg/L)	Det. Limit (mg/L)
Arsenic	ND	ND	0.001
Barium	ND	ND	0.01
Cadmium	ND	ND	0.001
Chromium	ND	ND	0.001
Lead	ND	ND	0.001
Mercury	ND	ND	0.001
Selenium	ND	ND	0.001
Silver	ND	ND	0.1

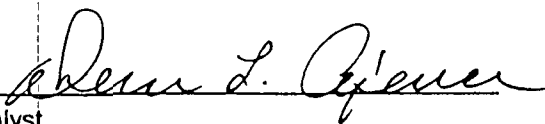
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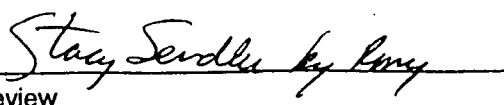
References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760 Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Comments: QA/QC for sample 9148, 9171 and 9206.


Analyst


Review

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	10-11-95
Laboratory Number:	9148	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	10-11-95
Condition:	N/A	Date Extracted:	10-04-95

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference
Arsenic	ND	ND	0.0%
Barium	1.40	1.42	1.4%
Cadmium	0.011	0.011	0.0%
Chromium	0.017	0.016	6.1%
Lead	0.343	0.341	0.6%
Mercury	ND	ND	0.0%
Selenium	ND	ND	0.0%
Silver	ND	ND	0.0%

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Maximum Difference
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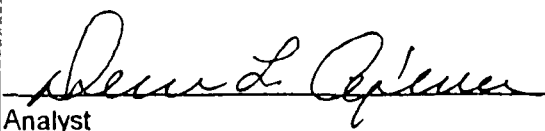
Trace Metals 30 %

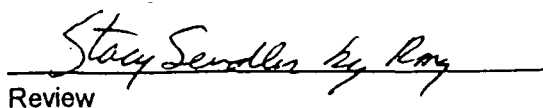
References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760 Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Comments: QA/QC for sample 9148, 9171 and 9206.


Analyst


Review

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Spike	Date Reported:	10-11-95
Laboratory Number:	9148	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	10-11-95
Condition:	N/A	Date Extracted:	10-04-95

Parameter	Spike Added (mg/L)	Sample Result (mg/L)	Spiked Sample Result (mg/L)	Percent Recovery
Arsenic	0.100	ND	0.099	99%
Barium	1.00	1.40	2.39	100%
Cadmium	0.100	0.011	0.111	100%
Chromium	0.100	0.017	0.117	100%
Lead	0.100	0.343	0.444	100%
Mercury	0.050	ND	0.049	98%
Selenium	0.100	ND	0.100	100%
Silver	1.0	ND	0.99	99%

ND - Parameter not detected at the stated detection limit.

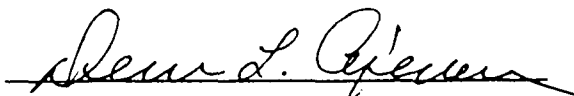
QA/QC Acceptance Criteria:	Parameter	Acceptance Range %
	TCLP Metals	80 - 120 %

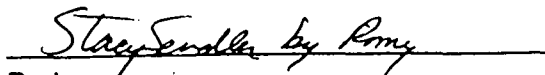
References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760 Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Comments: QA/QC for sample 9148, 9171 and 9206.


Analyst


Review

Client:	Halliburton	Project #:	92132
Sample ID:	Wash Bay Solids	Date Reported:	10-11-95
Laboratory Number:	9148	Date Sampled:	10-04-95
Chain of Custody:	4508	Date Received:	10-04-95
Sample Matrix:	Soil	Date Extracted:	10-04-95
Preservative:	Cool	Date Analyzed:	10-06-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.0002	0.2
1,1-Dichloroethene	ND	0.0002	0.7
2-Butanone (MEK)	ND	0.0001	200
Chloroform	ND	0.0002	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0001	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0003	0.5
Tetrachloroethene	ND	0.0002	0.7
Chlorobenzene	ND	0.0001	100
1,4-Dichlorobenzene	ND	0.0001	7.5

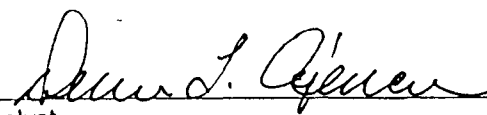
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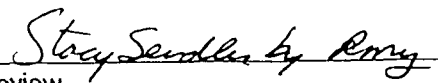
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Trifluorotoluene	100%
	Bromofluorobenzene	95%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: 4109 E. Main, Farmington, NM.


Analyst


Review

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	10-10-95
Laboratory Number:	10-06-TCV.BLANK	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-06-95
Condition:	N/A	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.0002	0.2
1,1-Dichloroethene	ND	0.0002	0.7
2-Butanone (MEK)	ND	0.0001	200
Chloroform	ND	0.0002	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0001	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0003	0.5
Tetrachloroethene	ND	0.0002	0.7
Chlorobenzene	ND	0.0001	100
1,4-Dichlorobenzene	ND	0.0001	7.5

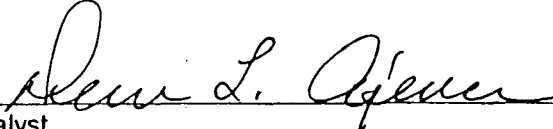
ND - Parameter not detected at the stated detection limit.

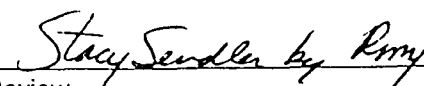
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Trifluorotoluene	102%
	Bromofluorobenzene	95%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for sample 9148.


Analyst


Review

EPA METHODS 8010/8020
AROMATIC / HALOGENATED
VOLATILE ORGANICS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	10-10-95
Laboratory Number:	10-04-TCV.MB	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-06-95
Condition:	N/A	Date Extracted:	10-04-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.0002	0.2
1,1-Dichloroethene	ND	0.0002	0.7
2-Butanone (MEK)	ND	0.0001	200
Chloroform	ND	0.0002	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0001	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0003	0.5
Tetrachloroethene	ND	0.0002	0.7
Chlorobenzene	ND	0.0001	100
1,4-Dichlorobenzene	ND	0.0001	7.5

ND - Parameter not detected at the stated detection limit.

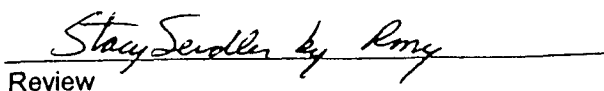
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Trifluorotoluene	97%
	Bromofluorobenzene	97%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for sample 9148.


Analyst


Review

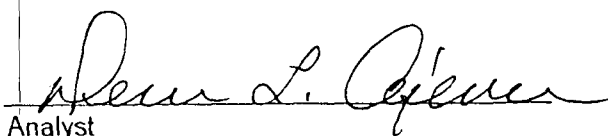
Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	10-11-95
Laboratory Number:	9148	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	10-06-95
Condition:	N/A	Date Extracted:	10-04-95

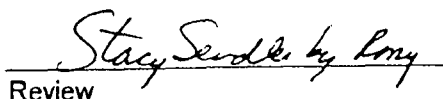
Parameter	Sample Result (mg/L)	Duplicate Sample Result (mg/L)	Detection Limits (mg/L)	Percent Difference
Vinyl Chloride	ND	ND	0.0002	0.0%
1,1-Dichloroethene	ND	ND	0.0002	0.0%
2-Butanone (MEK)	ND	ND	0.0001	0.0%
Chloroform	ND	ND	0.0002	0.0%
Carbon Tetrachloride	ND	ND	0.0001	0.0%
Benzene	ND	ND	0.0001	0.0%
1,2-Dichloroethane	ND	ND	0.0001	0.0%
Trichloroethene	ND	ND	0.0003	0.0%
Tetrachloroethene	ND	ND	0.0002	0.0%
Chlorobenzene	ND	ND	0.0001	0.0%
1,4-Dichlorobenzene	ND	ND	0.0001	0.0%

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for sample 9148.


Analyst


Review

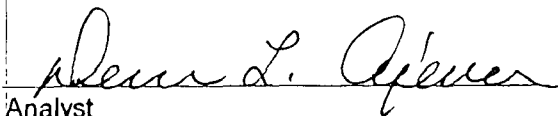
Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	10-11-95
Laboratory Number:	9148	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	10-06-95
Condition:	N/A	Date Extracted:	10-04-95

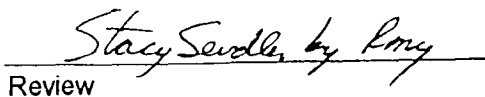
Parameter	Sample Result (mg/L)	Spike Added (mg/L)	Spiked Sample Result (mg/L)	Det. Limit (mg/L)	Percent Recovery	SW-846 % Rec. Accept. Range
Vinyl Chloride	ND	0.020	0.0194	0.0002	94%	28-163
1,1-Dichloroethene	ND	0.020	0.0204	0.0002	100%	43-143
2-Butanone (MEK)	ND	0.020	0.0196	0.0001	98%	47-132
Chloroform	ND	0.020	0.0202	0.0002	99%	49-133
Carbon Tetrachloride	ND	0.020	0.0199	0.0001	98%	43-143
Benzene	ND	0.020	0.0196	0.0001	98%	39-150
1,2-Dichloroethane	ND	0.020	0.0200	0.0001	100%	51-147
Trichloroethene	ND	0.020	0.0202	0.0003	100%	35-146
Tetrachloroethene	ND	0.020	0.0198	0.0002	99%	26-162
Chlorobenzene	ND	0.020	0.0199	0.0001	98%	38-150
1,4-Dichlorobenzene	ND	0.020	0.0199	0.0001	100%	42-143

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for sample 9148.


Analyst


Review

Client:	Halliburton	Project #:	92132
Sample ID:	Wash Bay Solids	Date Reported:	10-10-95
Laboratory Number:	9148	Date Sampled:	10-04-95
Chain of Custody:	4508	Date Received:	10-04-95
Sample Matrix:	Soil	Date Extracted:	10-04-95
Preservative:	Cool	Date Analyzed:	10-09-95
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200
p,m-Cresol	ND	0.040	200
2,4,6-Trichlorophenol	ND	0.021	2.0
2,4,5-Trichlorophenol	ND	0.021	400
Pentachlorophenol	ND	0.160	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	98%
	2,4,6-Tribromophenol	99%

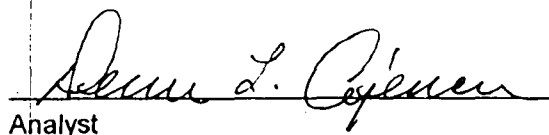
References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

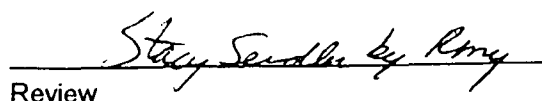
Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 198

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: 4109 E. Main, Farmington, NM.


Analyst


Review

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

**Quality Assurance Report
Laboratory Blank**

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	10-10-95
Laboratory Number:	10-09-TCA.BLANK	Date Sampled:	N/A
Sample Matrix:	2-Propanol	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-09-95
Condition:	N/A	Analysis Requested:	TCLP

Analytical Results	Concentration	Detection	Regulatory
Parameter	(mg/L)	Limit	Limit
		(mg/L)	(mg/L)
o-Cresol	ND	0.020	200
p,m-Cresol	ND	0.040	200
2,4,6-Trichlorophenol	ND	0.021	2.0
2,4,5-Trichlorophenol	ND	0.021	400
Pentachlorophenol	ND	0.160	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-fluorophenol	99 %
	2,4,6-tribromophenol	99 %

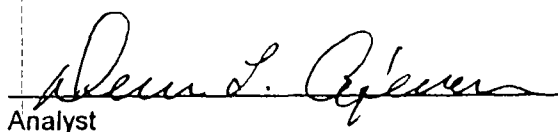
References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

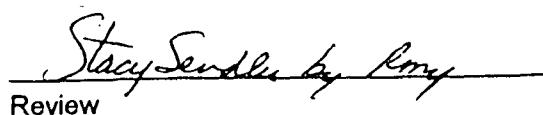
Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 198

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: QA/QC for sample 9148.


Analyst


Review

EPA METHOD 8040
PHENOLS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	10-10-95
Laboratory Number:	10-04-TCA.MB	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	10-04-95
Condition:	Cool & Intact	Date Analyzed:	10-09-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200
p,m-Cresol	ND	0.040	200
2,4,6-Trichlorophenol	ND	0.021	2.0
2,4,5-Trichlorophenol	ND	0.021	400
Pentachlorophenol	ND	0.160	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	98%
	2,4,6-Tribromophenol	99%

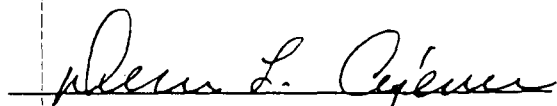
References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

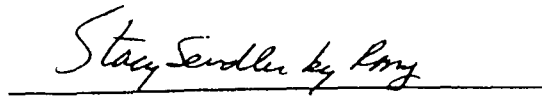
Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 198

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: QA/QC for sample 9148.


Analyst


Review

EPA METHOD 8040
PHENOLS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	10-10-95
Laboratory Number:	9148	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	10-04-95
Condition:	Cool & Intact	Date Analyzed:	10-09-95
		Analysis Requested:	TCLP

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Detection Limit (mg/L)	Percent Difference
o-Cresol	ND	ND	0.020	0.0%
p,m-Cresol	ND	ND	0.040	0.0%
2,4,6-Trichlorophenol	ND	ND	0.021	0.0%
2,4,5-Trichlorophenol	ND	ND	0.021	0.0%
Pentachlorophenol	ND	ND	0.160	0.0%

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Maximum Difference
	8040 Compounds	30.0%

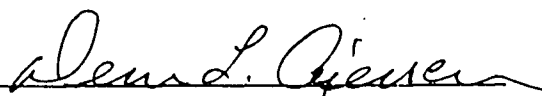
References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

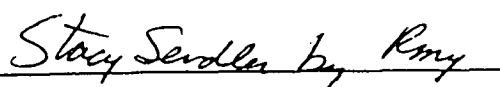
Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: QA/QC for sample 9148.


Analyst


Review

Client:	Halliburton	Project #:	92132
Sample ID:	Wash Bay Solids	Date Reported:	10-10-95
Laboratory Number:	9148	Date Sampled:	10-04-95
Chain of Custody:	4508	Date Received:	10-04-95
Sample Matrix:	Soil	Date Extracted:	10-04-95
Preservative:	Cool	Date Analyzed:	10-06-95
Condition:	Cool and Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.024	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

ND - Parameter not detected at the stated detection limit.

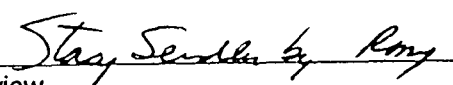
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	2-fluorobiphenyl	100%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: 4109 E. Main, Farmington, NM.


Analyst


Review

**QUALITY ASSURANCE / QUALITY CONTROL
DOCUMENTATION**

EPA Method 8090
Nitroaromatics and Cyclic Ketones
TCLP Base/Neutral Organics
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	10-10-95
Laboratory Number:	10-06-TBN.BLANK	Date Sampled:	N/A
Sample Matrix:	Hexane	Date Received:	N/A
Preservative:	N/A	Date Extracted:	N/A
Condition:	N/A	Date Analyzed:	10-06-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.024	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

ND - Parameter not detected at the stated detection limit.

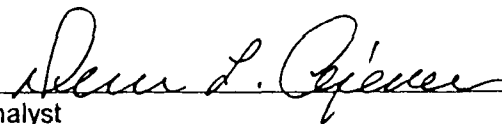
QA/QC Acceptance Criteria	Parameter	Percent Recovery
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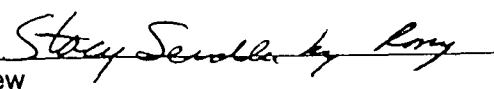
2-fluorobiphenyl	98%
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References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for sample 9148.


Analyst


Review

EPA Method 8090
Nitroaromatics and Cyclic Ketones
TCLP Base/Neutral Organics
QUALITY ASSURANCE REPORT

Client: QA/QC
Sample ID: Method Blank
Laboratory Number: 10-04-TBN.MB
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: N/A
Date Reported: 10-10-95
Date Sampled: N/A
Date Received: N/A
Date Extracted: 10-04-95
Date Analyzed: 10-06-95
Analysis Requested: TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.024	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

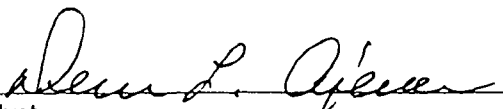
ND - Parameter not detected at the stated detection limit.

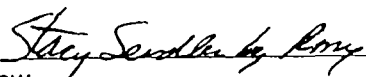
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	2-fluorobiphenyl	97%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for sample 9148.


Analyst


Review

EPA Method 8090
Nitroaromatics and Cyclic Ketones
TCLP Base/Neutral Organics
QA/QC Matrix Duplicate Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	10-10-95
Laboratory Number:	9148	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Extracted:	10-04-95
Condition:	N/A	Date Analyzed:	10-06-95
		Analysis Requested:	TCLP

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference	Det. Limit (mg/L)
Pyridine	ND	ND	0.0%	0.024
Hexachloroethane	ND	ND	0.0%	0.020
Nitrobenzene	ND	ND	0.0%	0.020
Hexachlorobutadiene	ND	ND	0.0%	0.020
2,4-Dinitrotoluene	ND	ND	0.0%	0.020
HexachloroBenzene	ND	ND	0.0%	0.020

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Maximum Difference
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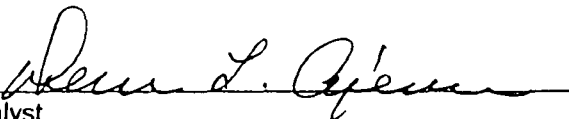
8090 Compounds

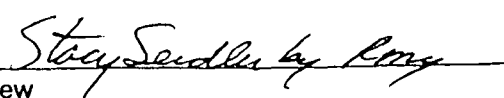
30%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for sample 9148.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name <i>Halliburton</i>			Project Location <i>4109 E Main fnt. N.M.</i>		ANALYSIS/PARAMETERS							
Sampler (Signature) <i>[Signature]</i>			Chain of Custody Tape No. <i>92132</i>		No. of Containers <i>1</i>	<i>TCL Pw/10 pH</i>	<i>PCAA</i>					Remarks
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix								
<i>Wash bay Solids</i>	<i>10/4/95</i>	<i>11:15</i>	<i>9148</i>	<i>Soil</i>								
Relinquished by: (Signature) <i>[Signature]</i>			Date <i>10/4/95</i>	Time <i>11:40</i>	Received by: (Signature) <i>[Signature]</i>				Date <i>10/4/95</i>	Time <i>11:15</i>		
Relinquished by: (Signature)					Received by: (Signature)							
Relinquished by: (Signature)					Received by: (Signature)							

ENVIROTECH INC.

5796 U.S. Highway 64-3014
Farmington, New Mexico 87401
(505) 632-0615

Hobbs, NM 88241-1980
District II (505) 748-1283
811 S. First
Artesia, NM 88210
District III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV (505) 827-7131

Energy Minerals and Natural Resources Department
Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form 1
Originated 4/18

Submit Orig.
Plus 1 C
to appropriate
District Of

RECEIVED
DEC 18 AM 8 52

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator EPNG
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site CHACO Plant Redwood Holding Co.
2. Management Facility Destination Envirotech Soil Remediation Facility Landfarm No. 2 Hilltop, NM	6. Transporter ENVIROTECH
3. Address of Facility Operator 5796 Hwy. 64-3014 Farmington, NM	8. State New Mexico
7. Location of Material (Street Address or ULSTR)	SW 1/4 Sec 16, T26N, R12W
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

MISC. maintenance ACTIVITIES and/or plant upsets.

RECEIVED
DEC 26 1995

OIL CON. DIV.
DIST. 3

RECEIVED
DEC 19 1995

OIL CON. DIV.
DIST. 3

Estimated Volume 250 yd cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: Robert M. Young TITLE: Landfarm Supervisor DATE: 12-18-95
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Robert M. Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY: Denny G. Feint TITLE: Geologist DATE: 12/19/95
APPROVED BY: C. Quintin TITLE: Geologist DATE: 12-22-95

I think everything is here

Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

Energy Minerals and Natural Resource
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Department

Form C-13
Originated 4/18/9

Submit Original
Plus 1 Cc
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator EPNG
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site CHACO Plant Reservoir Holding AREA
2. Management Facility Destination Envirotech Soil Remediation Facility Landfarm No. 2 Hilltop, NM	6. Transporter ENVIROTECH
3. Address of Facility Operator 5796 Hwy. 64-3014 Farmington, NM	8. State New Mexico
7. Location of Material (Street Address or ULSTR)	SW 1/4 Sec 16, T26N, R12W
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

MISC. maintenance ACTIVITIES and/or plant upsets.

RECEIVED
DEC 19 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 250 yd cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: Robert M. Young TITLE: Landfarm Supervisor DATE: 12-18-95
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Robert M. Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY: Denny G. Kant TITLE: Geologist DATE: 12/19/95
APPROVED BY: _____ TITLE: _____ DATE: _____

I think everything is here.



December 8, 1995

Mr. Robert Young
Envirotech, Inc.
5796 U.S. Highway 64-3014
Farmington N.M. 87401

Subject: Non-Exempt Soil Disposal

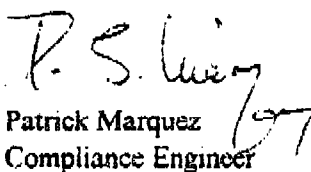
Dear Mr. Young

El Paso Natural Gas Company hereby requests permission to dispose of hydrocarbon contaminated soil at your landfarm facility. Approximately 250 cubic yards of contaminated soil was removed from El Paso's Chaco Plant as a result of spills which occurred during maintenance activities and/or plant upsets. Because the soil is not strictly exempt a certification for non-exempt soil has been prepared for your review. Enclosed is a copy of the analytical results and an MSD sheet for lubricating oil which is the non-exempt contribution to this soil. Based on our knowledge of the processes at Chaco the soil was not analyzed for PCBs, pesticides or herbicides as there is no reason to believe that these constituents are present.

Chaco Plant is located in the SW1/4 of Section 16, T-26-N, R-12-W. An EPNG representative will contact you 24 hours in advance of delivery to identify the trucking contractor.

Please contact me at 599-2175 as soon as you have obtained NMOCD approval.

Thank you.


Patrick Marquez
Compliance Engineer

cc:

D. Foust (NMOCD)
J. L. Smith (EPNG)
S.D. Miller/J.D. Bays/File: 5212 Regulatory

LAB NAME: ANALYTICAL TECHNOLOGIES, INC.

CLIENT NAME: ATI-WM

CLIENT Project ID: CHACO Soil Disposal - EPH

LAB Sample ID: 95-11-077-01 DL

Ignitability
Reactivity
Corrosivity

Maximum Contaminant Concentrations For Toxicity Characteristic Wastes

Waste Stream Constituent	Concentration (milligrams/liter, mg/l)	EPA HW No.	Waste Stream Constituent	Concentration (milligrams/liter, mg/l)	EPA HW No.
✓ Arsenic	5.0	D004	Hexachlorobenzene	0.13	D032 * NO @ 3.3
✓ Barium	100.0	D005	Hexachlorobutadiene	0.5	D033 * NO @ 3.3
✓ Benzene	0.5	D018	Hexachloroethane	3.0	D034 * NO @ 3.3 ✓
✓ Cadmium	1.0	D006	✓ Lead	5.0	D008
✓ Carbon Tetrachloride	0.5	D019	✓ Lindane	0.4	D013
✓ Chlordane	0.03	D020	✓ Mercury	0.2	D009
✓ Chlorobenzene	100.0	D021	✓ Methoxychlor	10.0	D014
✓ Chloroform	6.0	D022	✓ Methyl ethyl ketone	200.0	D035
✓ Chromium	5.0	D007	Nitrobenzene	2.0	D036 * NO @ 3.3 ✓
Cresol	200.0	D026	✓ Pentachlorophenol	100.0	D037
✓ m-Cresol	200.0	D024	✓ Pyridine	5.0	D038
✓ o-Cresol	200.0	D023	✓ Selenium	1.0	D010
✓ p-Cresol	200.0	D025	✓ Silver	5.0	D011
✓ 2,4-D	10.0	D016	✓ 2,4,5-TP (Silvex)	1.0	D017
✓ 1,4-Dichlorobenzene	7.5	D027	✓ Tetrachloroethylene	0.7	D039
✓ 1,2-Dichloroethane	0.5	D028	✓ Toxaphene	0.5	D015
✓ 1,1-Dichloroethylene	0.7	D029	✓ Trichloroethylene	0.5	D040
2,4-Dinitrotoluene	0.13	D030	✓ 2,4,5-Trichlorophenol	400.0	D041
✓ Endrin	0.02	D012	2,4,6-Trichlorophenol	2.0	D042 * NO @ 3.3
Heptachlor	0.008	D031	✓ Vinyl chloride	0.2	D043

*=EP Toxic wastes; TCLP must now be utilized for characterizing these wastes

O-Cresol = 2 methylphenol

p-Cresol = 4 methylphenol

m-Cresol = BENZYL Alcohol

CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL

Originating Location: El Paso Natural Gas Co's Chaco Plant
Source: Miscellaneous maintenance activities and/or Plant upsets
Disposal Location: Envirotech Soil Remediation Facility. (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR Part 261 to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned as the agent for the El Paso Natural Gas Co.
concur with the status of the waste from the subject site.

Name Patrick J. Marquez
Title/Agency Compliance Engineer
Address 614 Reilly Ave Farmington NM 87401
Signature P. S. Marquez
Date November 30, 1995

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

December 6, 1995

Mr. Patrick Marquez
Mr. John Lambdin
El Paso Natural Gas Co., Inc.
P. O. Box 4990
Farmington, New Mexico 87499

Project No.: 95033-01

Gentlemen,

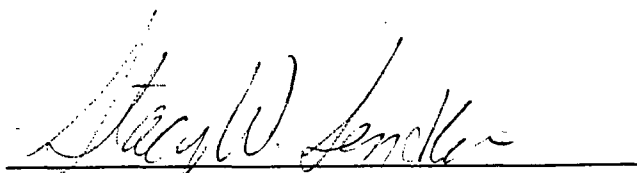
Enclosed are the analytical results for the sample collected from the location designated as "Chaco Plant Soil (Redwood) Disposal", and identified as EPNG Sample Number 951297. One soil sample was collected by El Paso Natural Gas personnel on 12/01/95, and delivered to the Envirotech laboratory on 12/01/95 for TCLP Base/Neutral Organics and RCRA Characteristics (Corrosivity, Reactivity and Ignitability) analysis.

The sample was transferred from the EPNG Chain of Custody to Envirotech Chain of Custody No. 4588 and assigned Laboratory No. 9697 for tracking purposes.

The sample was analyzed on 12/01/95 and 12/05/95 using USEPA or equivalent methods.

Should you have any questions or require additional information, please do not hesitate to contact us at (505) 632-0615. It is always a pleasure doing business with you.

Respectfully submitted,
Envirotech, Inc.



Stacy W. Sandler
Environmental Scientist/Laboratory Manager

enc.

95033-01/lb120695

Client:	El Paso Natural Gas Company	Project #:	95033-01
Sample ID:	951297	Date Reported:	12-05-95
Lab ID#:	9697	Date Sampled:	12-01-95
Sample Matrix:	Soil	Date Received:	12-01-95
Preservative:	Cool	Date Analyzed:	12-01-95
Condition:	Cool & Intact	Chain of Custody:	4588

Parameter	Result
-----------	--------

IGNITABILITY: Did not ignite upon direct contact with flame.

CORROSIVITY: pH of 7.34

REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

RCRA Hazardous Waste Criteria

Parameter	Hazardous Waste Criterion
-----------	---------------------------

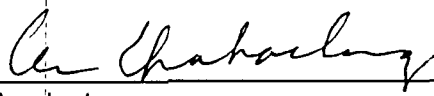
IGNITABILITY: Sample Ignition upon direct contact with flame indicates hazardous waste status.

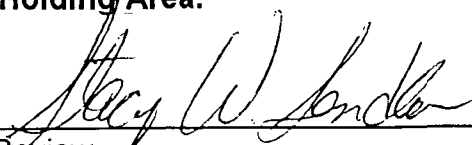
CORROSIVITY: pH less than or equal to 2.0 or pH greater than or equal to 12.5 indicates hazardous waste status.

REACTIVITY: Violent reaction with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric Acid) indicates hazardous waste status.

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: Chaco Plant Soil (Redwood) Disposal.
250 yrds Chaco Redwood Holding Area.


Analyst


Review

Client:	El Paso Natural Gas Co.	Project #:	95033-01
Sample ID:	951297	Date Reported:	12-05-95
Laboratory Number:	9697	Date Sampled:	12-01-95
Chain of Custody:	4588	Date Received:	12-01-95
Sample Matrix:	Soil	Date Extracted:	12-01-95
Preservative:	Cool	Date Analyzed:	12-05-95
Condition:	Cool and Intact	Analysis Requested:	TCLP-8090

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

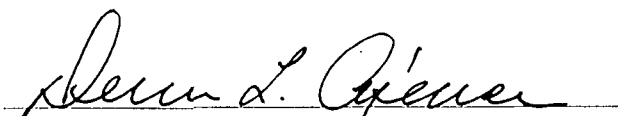
ND - Parameter not detected at the stated detection limit.

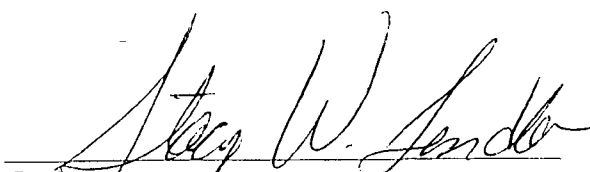
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	2-fluorobiphenyl	98%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: Chaco Plant Soil (Redwood) Disposal.
250 yds Chaco Redwood Holding Area.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

EPA Method 8090
Nitroaromatics and Cyclic Ketones
TCLP Base/Neutral Organics
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	12-05-95
Laboratory Number:	12-05-TBN.BLANK	Date Sampled:	N/A
Sample Matrix:	Hexane	Date Received:	N/A
Preservative:	N/A	Date Extracted:	N/A
Condition:	N/A	Date Analyzed:	12-05-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

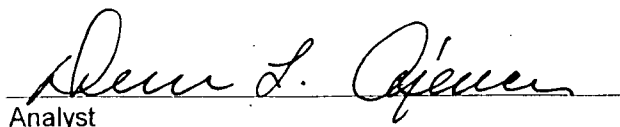
ND - Parameter not detected at the stated detection limit.

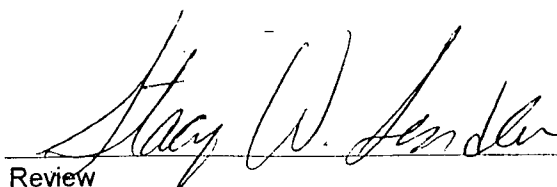
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	2-fluorobiphenyl	102%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for samples 9695 and 9697.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

**EPA Method 8090
Nitroaromatics and Cyclic Ketones
TCLP Base/Neutral Organics
QUALITY ASSURANCE REPORT**

Client: QA/QC
Sample ID: Method Blank
Laboratory Number: 12-01-TBN.MB
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: N/A
Date Reported: 12-05-95
Date Sampled: N/A
Date Received: N/A
Date Extracted: 12-01-95
Date Analyzed: 12-05-95
Analysis Requested: TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

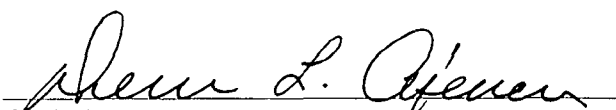
ND - Parameter not detected at the stated detection limit.

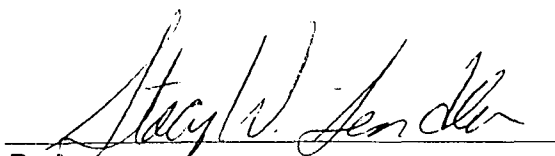
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	2-fluorobiphenyl	103%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for samples 9695 and 9697.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8090

**Nitroaromatics and Cyclic Ketones
TCLP Base/Neutral Organics
QA/QC Matrix Duplicate Report**

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	12-05-95
Laboratory Number:	9695	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Extracted:	12-01-95
Condition:	N/A	Date Analyzed:	12-05-95
		Analysis Requested:	TCLP

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference	Det. Limit (mg/L)
Pyridine	ND	ND	0.0%	0.020
Hexachloroethane	ND	ND	0.0%	0.020
Nitrobenzene	ND	ND	0.0%	0.020
Hexachlorobutadiene	ND	ND	0.0%	0.020
2,4-Dinitrotoluene	ND	ND	0.0%	0.020
HexachloroBenzene	ND	ND	0.0%	0.020

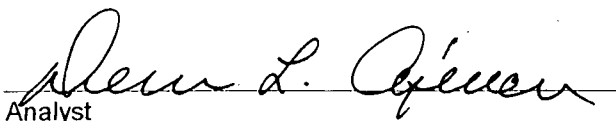
ND - Parameter not detected at the stated detection limit.

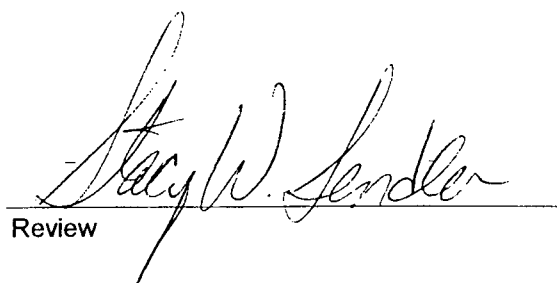
QA/QC Acceptance Criteria	Parameter	Maximum Difference
	8090 Compounds	30%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for samples 9695 and 9697.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name <i>El Paso Natural Gas</i>			Project Location <i>Chaco Plant Soil (Redwood) Dr. pos - l</i>		ANALYSIS/PARAMETERS							
Sampler: (Signature)			Chain of Custody Tape No. <i>95033-01</i>		No. of Containers <i>1</i>	<i>TCLP-8080</i>	<i>Corrosivity</i>	<i>Reactivity</i>	<i>Ignitability</i>			Remarks
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix								
<i>951297</i>	<i>12-1-95</i>	<i>1300</i>	<i>9697</i>	<i>Soil</i>	<i>1</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>			<i>250 yds. Chaco Redwood Hldg</i>
Relinquished by: (Signature) <i>Transferred from EPNG COC</i>			Date <i>12/1/95</i>	Time <i>1405</i>	Received by: (Signature) <i>Don L. Olsen</i>						Date <i>12-1-95</i>	Time <i>1405</i>
Relinquished by: (Signature)					Received by: (Signature)							
Relinquished by: (Signature)					Received by: (Signature)							

ENVIROTECH INC.
 5796 U.S. Highway 64-3014
 Farmington, New Mexico 87401
 (505) 632-0615

san juan repro Form 578-81

[illegible]



**FIELD SERVICES LABORATORY
ANALYTICAL REPORT**

SAMPLE IDENTIFICATION

SAMPLE NUMBER: 951189
MATRIX: Soil
SAMPLE DATE: 6-Nov-95
SAMPLE TIME (Hrs.): 835
SAMPLED BY: Patrick Marquez
PROJECT: Soil Pile Disposal- X53986
FACILITY ID: 5212
SAMPLE LOCATION: Chaco Plant
SAMPLE POINT: Redwood Holding Area
DATE OF ANALYSIS: 6-Nov-95

Copy for Envirotech.
175⁺ yds³

REMARKS: None.

EPA Method 8020 (BTEX) and Method 418.1 (TPH) RESULTS

PARAMETER	RESULT MG/KG	QUALIFIER	LIMIT MG/KG
BENZENE	<0.5	None	10
TOLUENE	<0.5	None	None
ETHYL BENZENE	<0.5	None	None
TOTAL XYLENES	3.4	None	None
TOTAL BTEX	3.4	None	50
TPH by EPA 418.1	39,600	None	100
PERCENT SOLIDS	96		
SURROGATE % RECOVERY	104	Allowed Range 80 to 120 %	

NOTES:

Acceptable Quality Control.

The limits shown are based on New Mexico Regulations.

Approved By: John L. Lavelle

27-Nov-95

Date

EL PASO NATURAL GAS - FIELD SERVICES LAB

QUALITY CONTROL REPORT

EPA METHOD 8020 - BTEX

Sample: 951189

QA/QC for 11/06/95 Sample Set

LABORATORY CALIBRATION CHECKS, LABORATORY CONTROL SAMPLES:

SAMPLE NUMBER	TYPE	EXPECTED RESULT PPB	ANALYTICAL RESULT PPB	XR	ACCEPTABLE	
					YES	NO
ICV LA-52589 50 PPB					RANGE	
Benzene	Standard	50.0	53.6	107.2	75 - 125 %	X
Toluene	Standard	50.0	52.6	105.2	75 - 125 %	X
Ethyl benzene	Standard	50.0	52.6	105.2	75 - 125 %	X
m & p - Xylene	Standard	100	105.6	105.6	75 - 125 %	X
o - Xylene	Standard	50.0	52.5	105.0	75 - 125 %	X
SAMPLE NUMBER	TYPE	EXPECTED RESULT PPB	ANALYTICAL RESULT PPB	XR	ACCEPTABLE	
LCS LA-45476 25 PPB					YES	NO
					RANGE	
Benzene	Standard	25.0	22.5	90.0	39 - 150	X
Toluene	Standard	25.0	24.1	96.4	46 - 148	X
Ethyl benzene	Standard	25.0	24.3	97.2	32 - 160	X
m & p - Xylene	Standard	50.0	48.5	97.0	Not Given	X
o - Xylene	Standard	25.0	24.2	96.8	Not Given	X
SAMPLE NUMBER	TYPE	EXPECTED RESULT PPB	ANALYTICAL RESULT PPB	XR	ACCEPTABLE	
CCV1 LA-52589 50 PPB					YES	NO
					RANGE	
Benzene	Standard	50.0	51.2	102.4	75 - 125 %	X
Toluene	Standard	50.0	50.5	101.0	75 - 125 %	X
Ethyl benzene	Standard	50.0	50.4	100.8	75 - 125 %	X
m & p - Xylene	Standard	100	100.1	100.1	75 - 125 %	X
o - Xylene	Standard	50.0	50.7	101.4	75 - 125 %	X
SAMPLE NUMBER	TYPE	EXPECTED RESULT PPB	ANALYTICAL RESULT PPB	XR	ACCEPTABLE	
CCV2 LA-52589 50 PPB					YES	NO
					RANGE	
Benzene	Standard	50.0		0.0	75 - 125 %	NA
Toluene	Standard	50.0		0.0	75 - 125 %	NA
Ethyl benzene	Standard	50.0		0.0	75 - 125 %	NA
m & p - Xylene	Standard	100		0.0	75 - 125 %	NA
o - Xylene	Standard	50.0		0.0	75 - 125 %	NA
SAMPLE NUMBER	TYPE	EXPECTED RESULT PPB	ANALYTICAL RESULT PPB	XR	ACCEPTABLE	
CCV3 LA-52589 50 PPB					YES	NO
					RANGE	
Benzene	Standard	50.0		0.0	75 - 125 %	NA
Toluene	Standard	50.0		0.0	75 - 125 %	NA
Ethyl benzene	Standard	50.0		0.0	75 - 125 %	NA
m & p - Xylene	Standard	100		0.0	75 - 125 %	NA
o - Xylene	Standard	50.0		0.0	75 - 125 %	NA

Narrative: Acceptable.

LABORATORY DUPLICATES:

SAMPLE NUMBER	TYPE	SAMPLE RESULT PPM ug/L	DUPLICATE RESULT PPM ug/L	RPD	ACCEPTABLE	
					YES	NO
951189					RANGE	
Benzene	Extraction Dup	<2.5	<2.5	0	+/- 35 %	X
Toluene	Extraction Dup	<2.5	<2.5	0	+/- 35 %	X
Ethyl benzene	Extraction Dup	<2.5	<2.5	0	+/- 35 %	X
m & p - Xylene	Extraction Dup	12.1	11.4	6	+/- 35 %	X
o - Xylene	Extraction Dup	5.21	4.73	10	+/- 35 %	X

Narrative: Acceptable.

LABORATORY DUPLICATES:

SAMPLE NUMBER	TYPE	SAMPLE RESULT PPM ug/L	DUPLICATE RESULT PPM ug/L	RPD	ACCEPTABLE	
					YES	NO
NA					RANGE	
Benzene	Extraction Dup			0	+/- 35 %	NA
Toluene	Extraction Dup			0	+/- 35 %	NA
Ethyl benzene	Extraction Dup			0	+/- 35 %	NA
m & p - Xylene	Extraction Dup			0	+/- 35 %	NA
o - Xylene	Extraction Dup			0	+/- 35 %	NA

Narrative:

LABORATORY DUPLICATES:

SAMPLE NUMBER	TYPE	SAMPLE RESULT PPM ug/L	DUPLICATE RESULT PPM ug/L	RPD	ACCEPTABLE	
					YES	NO
951189					RANGE	
Benzene	Matrix Duplicate	<2.5	<2.5	0	+/- 35 %	X
Toluene	Matrix Duplicate	<2.5	<2.5	0	+/- 35 %	X
Ethyl benzene	Matrix Duplicate	<2.5	<2.5	0	+/- 35 %	X
m & p - Xylene	Matrix Duplicate	12.1	12.1	0	+/- 35 %	X
o - Xylene	Matrix Duplicate	5.21	5.15	1	+/- 35 %	X

Narrative: Acceptable.

LABORATORY DUPLICATES:

SAMPLE NUMBER	TYPE	SAMPLE RESULT PPM ug/L	DUPLICATE RESULT PPM ug/L	RPD	ACCEPTABLE	
					YES	NO
NA					RANGE	
Benzene	Matrix Duplicate			0	+/- 35 %	NA
Toluene	Matrix Duplicate			0	+/- 35 %	NA
Ethyl benzene	Matrix Duplicate			0	+/- 35 %	NA
m & p - Xylene	Matrix Duplicate			0	+/- 35 %	NA
o - Xylene	Matrix Duplicate			0	+/- 35 %	NA

Narrative:

LABORATORY SPIKES:

SAMPLE NUMBER	SPIKE ADDED PPB	SAMPLE RESULT PPB	SPIKE SAMPLE RESULT PPB	%	ACCEPTABLE	
					YES	NO
951189	50.00				RANGE	
Benzene	50.0	<2.5	50.4	100.8	75 - 125 %	X
Toluene	50.0	<2.5	50.9	101.8	75 - 125 %	X
Ethyl benzene	50.0	<2.5	50.3	100.6	75 - 125 %	X
m & p - Xylene	100.0	12	109.7	97.6	75 - 125 %	X
o - Xylene	50.0	5.2	55.6	100.8	75 - 125 %	X

LABORATORY SPIKES:

SAMPLE NUMBER	SPIKE ADDED PPB	SAMPLE RESULT PPB	SPIKE SAMPLE RESULT PPB	%R	ACCEPTABLE YES NO	
NA	50.00				RANGE	
Benzene	50.0			0.0	75 - 125 %	NA
Toluene	50.0			0.0	75 - 125 %	NA
Ethyl benzene	50.0			0.0	75 - 125 %	NA
m & p - Xylene	100.0			0.0	75 - 125 %	NA
o - Xylene	50.0			0.0	75 - 125 %	NA

Narrative:

ADDITIONAL ANALYTICAL BLANKS:

SAMPLE ID AUTO BLANK/BOILED WATER	SOURCE	PPB	STATUS
Benzene	Boiled Water	<2.5	ACCEPTABLE
Toluene	Boiled Water	<2.5	ACCEPTABLE
Ethyl benzene	Boiled Water	<2.5	ACCEPTABLE
Total Xylenes	Boiled Water	<7.5	ACCEPTABLE

Narrative: Acceptable.

SAMPLE ID SOIL VIAL BLANK	SOURCE Lot # M12151	PPB	STATUS
Benzene	Vial + Boiled Water	<2.5	ACCEPTABLE
Toluene	Vial + Boiled Water	<2.5	ACCEPTABLE
Ethyl benzene	Vial + Boiled Water	<2.5	ACCEPTABLE
Total Xylenes	Vial + Boiled Water	<7.5	ACCEPTABLE

Narrative: Acceptable.

SAMPLE ID EXTRACTION BLANK	SOURCE 1106 Ext. Blk	PPB (Not analyzed with this set)	STATUS
Benzene	Methanol	<2.5	ACCEPTABLE
Toluene	Methanol	<2.5	ACCEPTABLE
Ethyl benzene	Methanol	<2.5	ACCEPTABLE
Total Xylenes	Methanol	<7.5	ACCEPTABLE

Narrative: Acceptable.

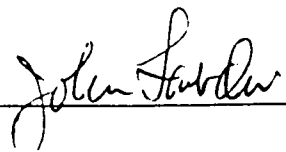
SAMPLE ID Carryover contamination checks	SOURCE	NARRATIVE (None analyzed with this set)	STATUS
Benzene	Vial + Boiled Water	<2.5	NA
Toluene	Vial + Boiled Water	<2.5	NA
Ethyl benzene	Vial + Boiled Water	<2.5	NA
Total Xylenes	Vial + Boiled Water	<7.5	NA

Narrative: Acceptable.

SAMPLE ID METHANOL CHECK	SOURCE Lot # H18318	PPB (Not analyzed with this set)	STATUS
Benzene	MeOH/Boiled Water	<2.5	ACCEPTABLE
Toluene	MeOH/Boiled Water	<2.5	ACCEPTABLE
Ethyl benzene	MeOH/Boiled Water	<2.5	ACCEPTABLE
Total Xylenes	MeOH/Boiled Water	<7.5	ACCEPTABLE

Narrative: Acceptable.

Approved By:



Date: 7-Nov-95



Analytical **Technologies, Inc.**

2709-D Pan American Freeway, NE Albuquerque, NM 87107
Phone (505) 344-3777 FAX (505) 344-4413

ATI I.D. 511320

November 22, 1995

El Paso Natural Gas Co.
P.O. Box 4990
Farmington, NM 87499



Project Name/Number: CHACO SOIL DISPOSAL

Attention: John Lambdin

On 11/08/95, Analytical Technologies, Inc., (ADHS License No. AZ0015), received a request to analyze **non-aqueous** sample(s). The sample(s) were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

For EPA method 8260, the surrogates Dibromofluorobenzene and Bromofluorobenzene and the internal standards were outside acceptable limits due to matrix effects.

*Noted
11/27/95*

All analyses were performed by Analytical Technologies, Inc., 225 Commerce Drive, Fort Collins, CO.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

Kimberly D. McNeill
Project Manager

H. Mitchell Rubenstein, Ph.D.
Laboratory Manager

MR:jt

Enclosure



Analytical Technologies, Inc.

CLIENT : EL PASO NATURAL GAS CO. DATE RECEIVED : 11/08/95
PROJECT # : (NONE)
PROJECT NAME : CHACO SOIL DISPOSAL REPORT DATE : 11/22/95

ATI ID: 511320

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	951189 Chaco Plant Redwood Holding Area Soil Pile	NON-AQ	11/06/95

---TOTALS---

MATRIX	#SAMPLES
NON-AQ	1

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.



Analytical Technologies, Inc.

IGNITABILITY

Method 1010

Lab Name: Analytical Technologies, Inc.

Date Collected: 11/06/95

Client Name: ATI-NM

Date Analyzed: 11/14/95

Client Project ID: Chaco Soil Disposal - EPN

Sample Matrix: Soil

Lab Workorder Number: 95-11-077

Sample ID	Lab Sample ID	Ignitable At (deg C)	Non-ignitable Below (deg C)
951189	95-11-077-01		96.5

265.7° Fahrenheit

Limit = 140°F

Non-Ignitable.

[Signature]
11/27/95



Analytical Technologies, Inc.

TCLP METALS

Sample ID

951189

Lab Name: Analytical Technologies, Inc.

Client Name: ATI-NM

Date Collected: 11/06/95

Client Project ID: Chaco Soil Disposal-EPN

Prep Date: 11/14/95

Lab Sample ID: 95-11-077-01

Date Analyzed: 11/14, 15/95

Sample Matrix: TCLP Leachate

EPA HW Number	CAS Number	Analyte	Modified Method	Concentration mg/L	Detection Limit (mg/L)
D004	7440-38-2	Arsenic	6010	ND	0.1
D005	7440-39-3	Barium	6010	ND	1
D006	7440-43-9	Cadmium	6010	ND	0.05
D007	7440-47-3	Chromium	6010	ND	0.1
D008	7439-92-1	Lead	6010	0.05	0.03
D009	7439-97-6	Mercury	7470	ND	0.002
D010	7782-49-2	Selenium	6010	ND	0.05
D011	7440-22-4	Silver	6010	ND	0.1

ND= Not Detected

Passed For ALL
RCRA TCLP METALS.
J.C.
11/27/95

TCLP METALS



Analytical Technologies, Inc.

Sample ID

TCLP Blank

Lab Name: Analytical Technologies, Inc.

Client Name: ATI-NM

Date Collected: N/A

Client Project ID: Chaco Soil Disposal-EPN

Prep Date: 11/14/95

Lab Sample ID: RB 95-11-077

Date Analyzed: 11/14, 15/95

Sample Matrix: TCLP Leachate

EPA HW Number	CAS Number	Analyte	Modified Method	Concentration mg/L	Detection Limit (mg/L)
D004	7440-38-2	Arsenic	6010	ND	0.1
D005	7440-39-3	Barium	6010	ND	1
D006	7440-43-9	Cadmium	6010	ND	0.05
D007	7440-47-3	Chromium	6010	ND	0.1
D008	7439-92-1	Lead	6010	ND	0.03
D009	7439-97-6	Mercury	7470	ND	0.002
D010	7782-49-2	Selenium	6010	ND	0.05
D011	7440-22-4	Silver	6010	ND	0.1

ND= Not Detected

O.K.
JY
11/27/95



Analytical Technologies, Inc.

VOLATILE ORGANICS

Method 8260

Sample ID

951189

Lab Name: Analytical Technologies, Inc.

Client Name: ATI-NM

Client Project ID: Chaco Soil Disposal-EPN

Lab Sample ID: 95-11-077-01 DL

Date Collected: 11/06/95

Date Analyzed: 11/14/95

Sample Matrix: Soil

Sample Weight: 0.5 g

Results are reported on a wet weight basis.

Analyte	Results (ug/kg)	Detection Limit (ug/kg)
Chloromethane	ND	100
Bromomethane	ND	100
Vinyl chloride	ND	100
Chloroethane	ND	100
Methylene chloride	68	50
Acetone	260	100
Carbon disulfide	ND	50
1,1-Dichloroethene	ND	50
1,1-Dichloroethane	ND	50
cis-1,2-Dichloroethene	ND	50
trans-1,2-Dichloroethene	ND	50
Chloroform	ND	50
1,2-Dichloroethane	ND	50
2-Butanone	230	100
1,1,1-Trichloroethane	ND	50
Carbon tetrachloride	ND	50
Vinyl acetate	ND	100
Bromodichloromethane	ND	50
1,2-Dichloropropane	ND	50
cis-1,3-Dichloropropene	ND	50
Trichloroethene	ND	50
Dibromochloromethane	ND	50
1,1,2-Trichloroethane	ND	50
Benzene	30 J	50
trans-1,3-Dichloropropene	ND	50
Bromoform	ND	50
2-Hexanone	ND	100
4-Methyl-2-pentanone	ND	100
Tetrachloroethene	ND	50
1,1,2,2-Tetrachloroethane	ND	50
Toluene	200	50
Chlorobenzene	ND	50
Ethylbenzene	94	50
Styrene	ND	50
Total Xylenes	1400	50

SURROGATE RECOVERIES

Analyte	% Recovery	%Rec Limits
Dibromofluoromethane	124 *	80 - 120
Toluene-d8	90	81 - 117
Bromofluorobenzene	119	74 - 121

ND = Not Detected

DL = Dilution

* = Out of Limits

J = Estimated value, analyte found below detection limit

B = Found in Reagent Blank

PASSED FOR ALL
KLA TELP ORGANICS
J



Analytical Technologies, Inc.

VOLATILE ORGANICS

Method 8260

Sample ID

951189

Lab Name: Analytical Technologies, Inc.
Client Name: ATI-NM
Client Project ID: Chaco Soil Disposal-EPN
Lab Sample ID: 95-11-077-01

Date Collected: 11/06/95
Date Analyzed: 11/14/95

Sample Matrix: Soil
Sample Weight: 5 g
Results are reported on a wet weight basis.

Analyte	Results (ug/kg)	Detection Limit (ug/kg)
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene chloride	44	5
Acetone	230 E	10
Carbon disulfide	ND	5
1,1-Dichloroethene	ND	5
1,1-Dichloroethane	ND	5
cis-1,2-Dichloroethene	ND	5
trans-1,2-Dichloroethene	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
2-Butanone	240 E	10
1,1,1-Trichloroethane	ND	5
Carbon tetrachloride	ND	5
Vinyl acetate	ND	10
Bromodichloromethane	ND	5
1,2-Dichloropropane	ND	5
cis-1,3-Dichloropropene	ND	5
Trichloroethene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
Benzene	23	5
trans-1,3-Dichloropropene	ND	5
Bromoform	ND	5
2-Hexanone	ND	10
4-Methyl-2-pentanone	45	10
Tetrachloroethene	ND	5
1,1,2,2-Tetrachloroethane	ND	5
Toluene	110	5
Chlorobenzene	ND	5
Ethylbenzene	72	5
Styrene	ND	5
Total Xylenes	760 E	5

SURROGATE RECOVERIES

Analyte	% Recovery	%Rec Limits
Dibromofluoromethane	182 *	80 - 120
Toluene-d8	83	81 - 117
Bromofluorobenzene	227 *	74 - 121

ND = Not Detected
E = Exceeds calibration range, see dilution
* = Out of Limits

B = Found in Spigot Blank

JP 11/21/95



Analytical Technologies, Inc.

VOLATILE ORGANICS

Method 8260

Sample ID

Lab Name: Analytical Technologies, Inc.
Client Name: ATI-NM
Client Project ID: Chaco Soil Disposal-EPN
Lab Sample ID: SRB1 11/14/95

Reagent Blank

Date Collected: N/A
Date Analyzed: 11/14/95

Sample Matrix: Soil
Sample Weight: 5 g

Analyte	Results (ug/kg)	Detection Limit (ug/kg)
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene chloride	ND	5
Acetone	ND	10
Carbon disulfide	ND	5
1,1-Dichloroethene	ND	5
1,1-Dichloroethane	ND	5
cis-1,2-Dichloroethene	ND	5
trans-1,2-Dichloroethene	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	5
Carbon tetrachloride	ND	5
Vinyl acetate	ND	10
Bromodichloromethane	ND	5
1,2-Dichloropropane	ND	5
cis-1,3-Dichloropropene	ND	5
Trichloroethene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
Benzene	ND	5
trans-1,3-Dichloropropene	ND	5
Bromoform	ND	5
2-Hexanone	ND	10
4-Methyl-2-pentanone	ND	10
Tetrachloroethene	ND	5
1,1,2,2-Tetrachloroethane	ND	5
Toluene	ND	5
Chlorobenzene	ND	5
Ethylbenzene	ND	5
Styrene	ND	5
Total Xylenes	ND	5

SURROGATE RECOVERIES

Analyte	% Recovery	%Rec Limits
Dibromofluoromethane	107	80 - 120
Toluene-d8	106	81 - 117
Bromofluorobenzene	84	74 - 121

ND = Not Detected

6.4
11/27/95



Analytical Technologies, Inc.

VOLATILE ORGANICS

Method 8260

Sample ID

Reagent Blank

Lab Name: Analytical Technologies, Inc.

Client Name: ATT-NM

Client Project ID: Chaco Soil Disposal-EPN

Lab Sample ID: SRB1 11/15/95

Date Collected: N/A

Date Analyzed: 11/15/95

Sample Matrix: Soil

Sample Weight: 5 g

Analyte	Results (ug/kg)	Detection Limit (ug/kg)
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene chloride	21	5
Acetone	3 J	10
Carbon disulfide	ND	5
1,1-Dichloroethene	ND	5
1,1-Dichloroethane	ND	5
cis-1,2-Dichloroethene	ND	5
trans-1,2-Dichloroethene	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	5
Carbon tetrachloride	ND	5
Vinyl acetate	ND	10
Bromodichloromethane	ND	5
1,2-Dichloropropane	ND	5
cis-1,3-Dichloropropene	ND	5
Trichloroethene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
Benzene	ND	5
trans-1,3-Dichloropropene	ND	5
Bromoform	ND	5
2-Hexanone	ND	10
4-Methyl-2-pentanone	ND	10
Tetrachloroethene	ND	5
1,1,2,2-Tetrachloroethane	ND	5
Toluene	ND	5
Chlorobenzene	ND	5
Ethylbenzene	ND	5
Styrene	ND	5
Total Naphthalenes	ND	5

> Noted as B
Found in Reagent
Blank

SURROGATE RECOVERIES

Analyte	% Recovery	% Rec Limits
Dibromofluoromethane	107	80 - 120
Toluene-d8	107	81 - 117
Bromofluorobenzene	83	74 - 121

ND = Not Detected

J = Estimated value, analyte found below detection limit

G.K.
A



Analytical Technologies, Inc.

VOLATILE MATRIX SPIKE RECOVERY

Method 8260

Sample ID

Lab Name: Analytical Technologies, Inc.
Client Name: ATI-NM
Client Project ID: Chaco Soil Disposal-EPN
Lab Sample ID: 95-11-054-01

In House

Date Collected: 11/03/95
Date Analyzed: 11/15/95

Sample Matrix: Soil

Sample Weight: 1 g

Results are reported on a wet weight basis.

Analyte	Spike Added (ug/kg)	Sample Concentration (ug/kg)	MS Concentration (ug/kg)	MS % Rec	QC Limit Recovery
1,1-Dichloroethene	250	ND	266	106	59-172
Trichloroethene	250	ND	254	101	62-137
Benzene	250	ND	254	102	60-133
Toluene	250	ND	251	100	59-139
Chlorobenzene	250	ND	246	98	66-142

Analyte	Spike Added (ug/kg)	MSD Concentration (ug/kg)	MSD % Recovery	% RPD	QC Limits RPD Rec
1,1-Dichloroethene	250	275	110	3	22 59-172
Trichloroethene	250	267	107	5	24 62-137
Benzene	250	266	106	4	21 60-133
Toluene	250	261	104	4	21 59-139
Chlorobenzene	250	258	103	5	21 66-142

ND = Not Detected

OK
11/27/95



Analytical Technologies, Inc.

NARRATIVE FOR WORKORDER 95-11-077

The matrix spike / matrix spike duplicate performed on sample "951189" was not analyzed. The sample was analyzed at a 1:10 dilution due to sample matrix interferences and the matrix spike compound recoveries would have been diluted out sufficiently to make valid recovery data questionable. The blank spike/blank spike duplicate which met all QC criteria have been reported.

Sample "951189" had very high levels of a compound tentatively identified as 2,2'-oxybis-ethanol and high levels of several unknown alkanes, alcohols and glycols present.

NOTED
11/27/01



Analytical Technologies, Inc.

SEMIVOLATILE ORGANICS

Modified Method 8270

Sample ID

951189

Lab Name: Analytical Technologies of Colorado, Inc.

Client Name: ATI-NM

Client Project: Chaco Soil Disposal-EPN

Lab Sample ID.: 95-11-077-01

Date Collected: 11-06-95

Date Extracted: 11-14-95

Date Analyzed: 11-20-95

Sample Matrix: Soil

Sample Weight: 30 g

Cleanup: None

Final Volume: 10 mL

Results are reported on a wet weight basis.

Analyte	Results (ug/kg)	Detection Limit (ug/kg)
Pyridine	ND	3300
n-Nitrosodimethylamine	ND	3300
Aniline	ND	8300
Phenol	ND	3300
bis (2-Chloroethyl) ether	ND	3300
2-Chlorophenol	ND	3300
1,3-Dichlorobenzene	ND	3300
1,4-Dichlorobenzene	ND	3300
1,2-Dichlorobenzene	ND	3300
Benzyl alcohol	ND	3300
bis (2-Chloroisopropyl) ether	ND	3300
2-Methylphenol	ND	3300
N-Nitroso-di-n-propylamine	ND	3300
4-Methylphenol	ND	3300
Hexachloroethane	ND	3300
Nitrobenzene	ND	3300
Isophorone	ND	3300
2-Nitrophenol	ND	3300
2,4-Dimethylphenol	ND	3300
bis (2-Chloroethoxy) methane	ND	3300
2,4-Dichlorophenol	ND	3300
Benzoic acid	ND	17000
1,2,4-Trichlorobenzene	ND	3300
Naphthalene	ND	3300
4-Chloroaniline	ND	8300
Hexachlorobutadiene	ND	3300
4-Chloro-3-methylphenol	ND	3300
2-Methylnaphthalene	5000	3300
Hexachlorocyclopentadiene	ND	3300
2,4,6-Trichlorophenol	ND	3300
2,4,5-Trichlorophenol	ND	17000
2-Chloronaphthalene	ND	3300
2-Nitroaniline	ND	17000
Dimethyl phthalate	ND	3300
2,6-Dinitrotoluene	ND	3300
Acenaphthylene	ND	3300
3-Nitroaniline	ND	17000
Acenaphthene	ND	3300
2,4-Dinitrophenol	ND	17000

PASSED FOR ALL
SEM VOL ORGANICS
11/21/95



Analytical Technologies, Inc.

SEMIVOLATILE ORGANICS

Modified Method 8270

Sample ID

Lab Name: Analytical Technologies of Colorado, Inc.

Lab Sample ID.: 95-11-077-01

951189

Analyte	Results (ug/kg)	Detection Limit (ug/kg)
4-Nitrophenol	ND	17000
Dibenzofuran	ND	3300
2,4-Dinitrotoluene	ND	3300
Diethyl phthalate	ND	3300
Fluorene	ND	3300
4-Chlorophenyl phenyl ether	ND	3300
4-Nitroaniline	ND	17000
Azobenzene	ND	3300
4,6-Dinitro-2-methylphenol	ND	17000
N-Nitrosodiphenylamine	ND	3300
4-Bromophenyl phenyl ether	ND	3300
Hexachlorobenzene	ND	3300
Pentachlorophenol	ND	17000
Phenanthrene	710 J	3300
Anthracene	ND	3300
Carbazole	ND	3300
Di-n-butyl phthalate	ND	3300
Fluoranthene	ND	3300
Benzidine	ND	17000
Pyrene	ND	3300
Butyl benzyl phthalate	ND	3300
Benzo(a)anthracene	ND	3300
3,3'-Dichlorobenzidine	ND	17000
Chrysene	ND	3300
Bis(2-ethylhexyl)phthalate	ND	3300
Di-n-octyl phthalate	ND	3300
Benzo(b)fluoranthene	ND	3300
Benzo(k)fluoranthene	ND	3300
Benzo(a)pyrene	ND	3300
Indeno(1,2,3-cd)pyrene	ND	3300
Dibenzo(a,h)anthracene	ND	3300
Benzo(g,h,i)perylene	ND	3300

SURROGATE RECOVERIES

Analyte	% Recovery	% Rec Limits
2-Fluorophenol	D	25-121
Phenol-d5	D	24-113
Nitrobenzene-d5	D	23-120
2-Fluorobiphenyl	D	30-115
2,4,6-Tribromophenol	D	19-122
Terphenyl-d14	D	18-137

ND = Not Detected

D = Surrogates diluted out at this concentration

J = Estimated value, analyte found below detection limit



Analytical Technologies, Inc.

SEMIVOLATILE ORGANICS

Modified Method 8270

Sample ID

Reagent

Blank

Lab Name: Analytical Technologies of Colorado, Inc.

Client Name: ATI-NM

Client Project: Chaco Soil Disposal-EPN

Lab Sample ID: SRB1 11-14-95

Date Collected: N/A

Date Extracted: 11-14-95

Date Analyzed: 11-19-95

Sample Matrix: Sodium Sulfate

Sample Weight: 30 g

Cleanup: None

Final Volume: 1 mL

Results are reported on a wet weight basis.

Analyte	Results (ug/kg)	Detection Limit (ug/kg)
Pyridine	ND	330
n-Nitrosodimethylamine	ND	330
Aniline	ND	330
Phenol	ND	330
bis (2-Chloroethyl) ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
1,2-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
bis (2-Chloroisopropyl) ether	ND	330
2-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
4-Methylphenol	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	330
2,4-Dimethylphenol	ND	330
bis (2-Chloroethoxy) methane	ND	330
2,4-Dichlorophenol	ND	330
Benzoic acid	ND	1700
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	330
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	330
Hexachlorocyclopentadiene	ND	330
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	1700
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	1700
Dimethyl phthalate	ND	330
2,6-Dinitrotoluene	ND	330
Acenaphthylene	ND	330
3-Nitroaniline	ND	1700
Acenaphthene	ND	330
2,4-Dinitrophenol	ND	1700

6.1
11/27/95



Analytical Technologies, Inc.

SEMIVOLATILE ORGANICS

Modified Method 8270

Sample ID

Lab Name: Analytical Technologies of Colorado, Inc.

Lab Sample ID: SRB1 11-14-95

Reagent
Blank

Analyte	Results (ug/kg)	Detection Limit (ug/kg)
4-Nitrophenol	ND	1700
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethyl phthalate	ND	330
Fluorene	ND	330
4-Chlorophenyl phenyl ether	ND	330
4-Nitroaniline	ND	1700
Azobenzene	ND	330
4,6-Dinitro-2-methylphenol	ND	1700
N-Nitrosodiphenylamine	ND	330
4-Bromophenyl phenyl ether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	1700
Phenanthrene	ND	330
Anthracene	ND	330
Carbazole	ND	330
Di-n-butyl phthalate	ND	330
Fluoranthene	ND	330
Benzidine	ND	1700
Pyrene	ND	330
Butyl benzyl phthalate	ND	330
Benzo(a)anthracene	ND	330
3,3'-Dichlorobenzidine	ND	1700
Chrysene	ND	330
Bis(2-ethylhexyl)phthalate	67 J	330
Di-n-octyl phthalate	ND	330
Benzo(b)fluoranthene	ND	330
Benzo(k)fluoranthene	ND	330
Benzo(a)pyrene	ND	330
Indeno(1,2,3-cd)pyrene	ND	330
Dibenz(a,h)anthracene	ND	330
Benzo(g,h,i)perylene	ND	330

SURROGATE RECOVERIES

Analyte	% Recovery	% Rec Limits
2-Fluorophenol	40	25-121
Phenol-d5	39	24-113
Nitrobenzene-d5	38	23-120
2-Fluorobiphenyl	36	30-115
2,4,6-Tribromophenol	39	19-122
Terphenyl-d14	38	18-137

ND = Not Detected

J = Estimated value, analyte found below detection limit

JS
11/2/95



Analytical Technologies, Inc.

SEMIVOLATILE ORGANICS

Modified Method 8270

Sample ID

GPC

Reagent Blank

Lab Name: Analytical Technologies of Colorado, Inc.

Client Name: ATI-NM

Client Project: Chaco Soil Disposal-EPN

Lab Sample ID.: GPCRB2

Date Collected: N/A

Date Extracted: 11-15-95

Date Analyzed: 11-20-95

Sample Matrix: Methylene Chloride

Cleanup: None

Results are reported on a wet weight basis.

Sample Weight: N/A

Final Volume: 1 mL

Analyte	Results (ug/kg)	Detection Limit (ug/kg)
Pyridine	ND	330
n-Nitrosodimethylamine	ND	330
Aniline	ND	830
Phenol	ND	330
bis (2-Chloroethyl) ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
1,2-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
bis (2-Chloroisopropyl) ether	ND	330
2-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
4-Methylphenol	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	330
2,4-Dimethylphenol	ND	330
bis (2-Chloroethoxy) methane	ND	330
2,4-Dichlorophenol	ND	330
Benzoic acid	ND	1700
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	330
4-Chloroaniline	ND	830
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	330
Hexachlorocyclopentadiene	ND	330
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	1700
1-Chloronaphthalene	ND	330
2-Nitroaniline	ND	1700
Dimethyl phthalate	ND	330
2,6-Dinitrotoluene	ND	330
Acenaphthylene	ND	330
3-Nitroaniline	ND	1700
Acenaphthene	ND	330
2,4-Dinitrophenol	ND	1700

8/11/98



Analytical Technologies, Inc.

SEMIVOLATILE ORGANICS

Modified Method 8270

Lab Name: Analytical Technologies of Colorado, Inc.
Lab Sample ID: GPCRB2

Sample ID
GPC
Reagent Blank

Analyte	Results (ug/kg)	Detection Limit (ug/kg)
4-Nitrophenol	ND	1700
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethyl phthalate	ND	330
Fluorene	ND	330
4-Chlorophenyl phenyl ether	ND	330
4-Nitroaniline	ND	1700
Azobenzene	ND	330
4,6-Dinitro-2-methylphenol	ND	1700
N-Nitrosodiphenylamine	ND	330
4-Bromophenyl phenyl ether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	1700
Phenanthrene	ND	330
Anthracene	ND	330
Carbazole	ND	330
Di-n-butyl phthalate	ND	330
Fluoranthene	ND	330
Benzidine	ND	1700
Pyrene	ND	330
Butyl benzyl phthalate	ND	330
Benzo(a)anthracene	ND	330
3,3'-Dichlorobenzidine	ND	1700
Chrysene	ND	330
Bis(2-ethylhexyl)phthalate	ND	330
Di-n-octyl phthalate	ND	330
Benzo(b)fluoranthene	ND	330
Benzo(k)fluoranthene	ND	330
Benzo(a)pyrene	ND	330
Indeno(1,2,3-cd)pyrene	ND	330
Dibenz(a,h)anthracene	ND	330
Benzo(g,h,i)perylene	ND	330

SURROGATE RECOVERIES

Analyte	% Recovery	% Rec Limits
2-Fluorophenol	N/A	25-121
Phenol-d5	N/A	24-113
Nitrobenzene-d5	N/A	23-120
2-Fluorobiphenyl	N/A	30-115
2,4,6-Tribromophenol	N/A	19-122
Terphenyl-d14	N/A	18-137

ND = Not Detected

2/1/27/95



Analytical Technologies, Inc.

SEMIVOLATILE ORGANICS BLANK SPIKE RESULTS

Modified Method 8270

Sample ID

Blank
Spike

Lab Name: Analytical Technologies of Colorado, Inc.

Client Name: ATI-NM

Client Project: Chaco Soil Disposal-EPN

Lab Sample ID: SBS 11-14-95

Date Collected: N/A

Date Extracted: 11-14-95

Date Analyzed: 11-20-95

Sample Matrix: Sodium Sulfate

Cleanup: None

Sample Weight: 30 g

Final Volume: 1 mL

Results are reported on a wet weight basis.

Analyte	Spike Added (ug/kg)	Sample Concentration (ug/kg)	BS Concentration (ug/kg)	BS % Rec	QC Limit Recovery
Phenol	2500	N/A	1290	52	26-90
2-Chlorophenol	2500	N/A	1300	52	25-102
1,4-Dichlorobenzene	1670	N/A	933	56	28-104
N-Nitroso-di-n-propylamine	1670	N/A	979	59	41-126
1,2,4-Trichlorobenzene	1670	N/A	1060	63	38-107
4-Chloro-3-methylphenol	2500	N/A	1410	56	26-103
Acenaphthene	1670	N/A	827	50	31-137
4-Nitrophenol	2500	N/A	1270	51	11-114
2,4-Dinitrotoluene	1670	N/A	945	57	28-89
Pentachlorophenol	2500	N/A	1270	51	17-109
Pyrene	1670	N/A	815	49	35-142

Analyte	Spike Added (ug/kg)	BSD Concentration (ug/kg)	BSD % REC #	% RPD	QC Limits RPD Rec
Phenol	2500	1390	56	7	35 26-90
2-Chlorophenol	2500	1400	56	7	50 25-102
1,4-Dichlorobenzene	1670	977	59	5	27 28-104
N-Nitroso-di-n-propylamine	1670	1070	64	9	38 41-126
1,2,4-Trichlorobenzene	1670	1080	65	2	23 38-107
4-Chloro-3-methylphenol	2500	1470	59	4	33 26-103
Acenaphthene	1670	854	51	3	19 31-137
4-Nitrophenol	2500	1320	53	4	50 11-114
2,4-Dinitrotoluene	1670	972	58	3	47 28-89
Pentachlorophenol	2500	1300	52	2	47 17-109
Pyrene	1670	867	52	6	36 35-142

N/A = Not Applicable

8
11/27/95

ATI LAB I.D.

511320

ANALYSIS REQUEST

ADDRESS: _____

[illegible]

SAMPLED & RELINQUISHED BY: 1.		RELINQUISHED BY: 2.		RELINQUISHED BY: 3.	
Signature:	Time:	Signature:	Time:	Signature:	Time:
Printed Name:	Date:	Printed Name:	Date:	Printed Name:	Date:
Company:	Phone:	Company:		Company:	

RECEIVED BY: 1.		RECEIVED BY: 2.		RECEIVED BY: (LAB) 3.	
Signature:	Time:	Signature:	Time:	Signature:	Time:

Comments:

ATI Labs: San Diego (619) 458-9141 • Phoenix (602) 496-4400 • Seattle (206) 228-8335 • Pensacola (904) 474-1001 • Portland (503) 684-0447 • Albuquerque (505) 344-3777

ANALYSIS REQUEST

COMPANY: Analytical Technologies of New Mexico, Inc.
ADDRESS: 2709-D Pan American Freeway, NE
Albuquerque, NM 87107

ENT PROJECT MANAGER:

Kim McNeill

[illegible]

PROJECT INFORMATION		SAMPLE RECEIPT		SAMPLES SENT TO:		RELINQUISHED BY: 1.		RELINQUISHED BY: 2.	
PROJECT NUMBER: 511320		TOTAL NUMBER OF CONTAINERS 3		SAN DIEGO		Signature: Time:		Signature: Time:	
PROJECT NAME: Chaco Soil Disposal - EPY		CHAIN OF CUSTODY SEALS 4		FT. COLLINS X		Printed Name: Date: 1700		Printed Name: Date:	
LEVEL: STD IV		INTACT? 4		RENTON		Printed Name: Date: 11/8		Printed Name: Date:	
REQUIRED: MS MSD BLANK		RECEIVED GOOD COND./COLD 4		PENSACOLA		Analytical Technologies of New Mexico, Inc. Albuquerque		Company: Fed Ex	
STANDARD RUSH!		LAB NUMBER 95-11-073		PORTLAND		RECEIVED BY: 1.		RECEIVED BY: (LAB) 2.	
DATE: 11/21						Signature: Time:		Signature: Time: 2:30	
FISH SURCHARGE: NO						Printed Name: Date:		Printed Name: Date: 11-9-95	
FISH DISCOUNT: 15%						Company: Fed Ex		Company: ATI	
FISH CERTIFICATION REQUIRED: ☐ YES ☐ NO									

P.O. Box 1940
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

Energy Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Department

Form C-1
Originated 4/1

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator ARCO Pipeline Co.
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site MONTEZUMA CREEK Station, UTAH
2. Management Facility Destination Envirotech Soil Remediation Facility Landfarm No. 2 Hilltop, NM	6. Transporter ENVIROTECH, INC.
3. Address of Facility Operator 5796 Hwy. 64-3014 Farmington, NM	8. State UTAH → NEW MEXICO
7. Location of Material (Street Address or ULSTR)	APL MONTEZUMA CREEK STATION, MONTEZUMA CREEK, UTAH
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Det. Hydrocarbon Contaminated Soil, generated from the cleanup of
A crude oil transportation pipeline break that occurred in
February 1995. TCLP ANALYSIS ATTACHED.

RECEIVED
DEC 13 1995

OIL CON. DIV.

RECEIVED
DEC - 6 1995

OIL CON. DIV.
DIST. 3

Estimated Volume 2700 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: Harlan M. Brown for RMY TITLE: Landfarm Supervisor DATE: 12-6-95
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Robert M. Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY: Denny G. Zent TITLE: Geologist DATE: 12/6/95

APPROVED BY: Chris Curtis TITLE: Geologist DATE: 12/8/95

Box 1940
Hobbs, NM 88241-1980
District II - (505) 748-1283
871 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Department

Form C-138
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator ARCO Pipeline Co.
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site MONTEZUMA CREEK Station, UTAH
2. Management Facility Destination Envirotech Soil Remediation Facility Landfarm No. 2 Hilltop, NM	6. Transporter ENVIROTECH, INC.
3. Address of Facility Operator 5796 Hwy. 64-3014 Farmington, NM	8. State UTAH → NEW MEXICO
7. Location of Material (Street Address or ULSTR)	APL MONTEZUMA CREEK STATION, MONTEZUMA CREEK, UTAH
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Pet. Hydrocarbon Contaminated Soil, generated from the cleanup of
A crude oil transportation pipeline break that occurred in
February 1995. TCLP ANALYSIS ATTACHED

RECEIVED
DEC - 6 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 2700 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: Harlan M. Brown for RMY TITLE: Landfarm Supervisor DATE: 12-6-95
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Robert M. Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY: Denny G. Kent TITLE: Geologist DATE: 12/6/95
APPROVED BY: _____ TITLE: _____ DATE: _____

**THE
NAVAJO
NATION**

NAVAJO NATION ENVIRONMENTAL PROTECTION AGENCY
GROUNDWATER POLLUTION CONTROL PROGRAM
P.O. BOX 1979 SHIPROCK, NM 87420-1979
PH(505)368-1040,1041 FAX(505)368-1042

P.O. BOX 9000 • WINDOW ROCK, ARIZONA 86515 • (520) 871-6000

ALBERT A. HALE
PRESIDENT

THOMAS E. ATCITTY
VICE PRESIDENT

December 1, 1995

Mr. Harlan M. Brown
Envirotech Inc.
5796 U.S. Highway 64-3014
Farmington, NM 87401

RE: ARCO Oil Spill at Montezuma Creek, Utah
Disposition of Contaminated Soil

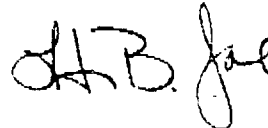
Dear Mr. Brown:

We have reviewed the information and soil sample reports you provided concerning the petroleum contaminated soil stockpiled at ARCO's Aneth Station in Montezuma Creek, Utah.

The operator is responsible for certification of the RCRA status of the contaminated soil.

We have no objection to the contaminated soil being removed to New Mexico for treatment at the Envirotech landfarm facility. In addition, the plastic liner on which the soil was stored must be removed for proper disposal, and any contaminated soil found under the liner must be removed. The soil and other waste material may not be returned to Navajo Nation lands after removal from the Aneth Station site.

Sincerely,



Lorenda Joe, Acting Director
Navajo Nation Environmental
Protection Agency

FAX MEMO

TO: Harlan M. Brown - ENVIROTECH INC.
FROM: Jim Walker
CC: NEPA-GPCP
PH: 505-368-1041 FAX: 505-368-1042

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CERTIFICATE OF WASTE STATUS OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: Arco Pipeline Co; MONTESUMA Creek Station, UTAH.

Source: Cleanup of Line 91 pipeline RELEASE

Disposal Location: Envirotech Soil Remediation Facility, (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Arco Pipeline Co concur with the status of the waste from the subject site.

Name Richard E. Aragon
Title/Agency Operations & Maintenance
Full-time
Address P.O. Box 1588 Farmington
N.M. 87499
Signature Richard E. Aragon
Date 12-6-95

Client:	ARCO Four Corners Pipe Line	Project #:	92125-06
Sample ID:	Pipe Line Spill	Date Reported:	11-02-95
Lab ID#:	9497	Date Sampled:	11-01-95
Sample Matrix:	Soil	Date Received:	11-02-95
Preservative:	Cool	Date Analyzed:	11-02-95
Condition:	Cool & Intact	Chain of Custody:	4553

Parameter	Result
-----------	--------

IGNITABILITY: Did not ignite upon direct contact with flame.

CORROSIVITY: pH of 7.12

REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

RCRA Hazardous Waste Criteria

Parameter	Hazardous Waste Criterion
-----------	---------------------------

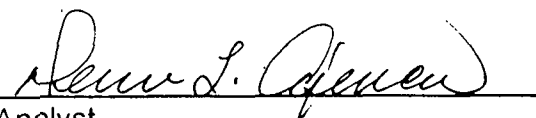
IGNITABILITY: Sample Ignition upon direct contact with flame indicates hazardous waste status.

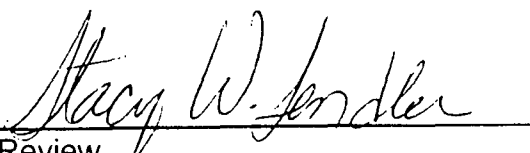
CORROSIVITY: pH less than or equal to 2.0 or pH greater than or equal to 12.5 indicates hazardous waste status.

REACTIVITY: Violent reaction with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric Acid) indicates hazardous waste status.

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: Aneth Station.


Analyst


Review

Client:	ARCO Four Corners Pipe Line Project #:	92125-06
Sample ID:	Pipe Line Spill	Date Reported: 11-07-95
Laboratory Number:	9497	Date Sampled: 11-01-95
Chain of Custody:	4553	Date Received: 11-02-95
Sample Matrix:	Soil	Date Extracted: 11-02-95
Preservative:	Cool	Date Analyzed: 11-07-95
Condition:	Cool and Intact	Analysis Requested: TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

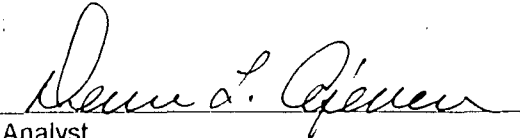
ND - Parameter not detected at the stated detection limit.

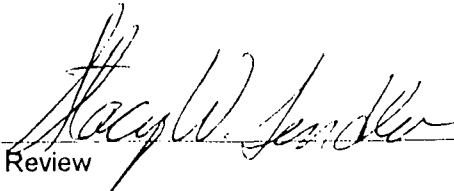
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	2-fluorobiphenyl	99%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: **Aneth Station.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

**EPA Method 8090
Nitroaromatics and Cyclic Ketones
TCLP Base/Neutral Organics
Quality Assurance Report**

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	11-07-95
Laboratory Number:	11-07-TCBN.BLANK	Date Sampled:	N/A
Sample Matrix:	Hexane	Date Received:	N/A
Preservative:	N/A	Date Extracted:	N/A
Condition:	N/A	Date Analyzed:	11-07-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

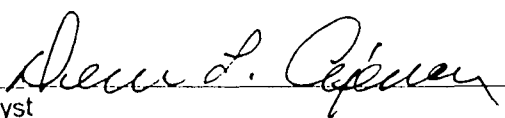
ND - Parameter not detected at the stated detection limit.

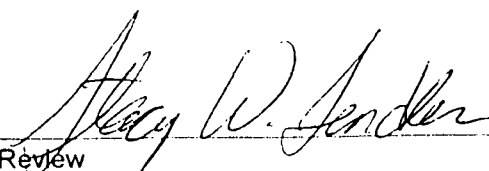
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	2-fluorobiphenyl	102%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for sample 9497.


Analyst


Review

EPA Method 8090
Nitroaromatics and Cyclic Ketones
TCLP Base/Neutral Organics
QUALITY ASSURANCE REPORT

Client: QA/QC
Sample ID: Method Blank
Laboratory Number: 11-02-TCBN.MB
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: N/A
Date Reported: 11-07-95
Date Sampled: N/A
Date Received: N/A
Date Extracted: 11-02-95
Date Analyzed: 11-07-95
Analysis Requested: TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

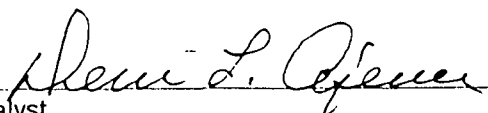
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery
	2-fluorobiphenyl	100%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for sample 9497.


Analyst


Review

**EPA Method 8090
Nitroaromatics and Cyclic Ketones
TCLP Base/Neutral Organics
QA/QC Matrix Duplicate Report**

Client: QA/QC
Sample ID: Matrix Duplicate
Laboratory Number: 9497
Sample Matrix: Soil
Preservative: N/A
Condition: N/A

Project #: N/A
Date Reported: 11-07-95
Date Sampled: N/A
Date Received: N/A
Date Extracted: 11-02-95
Date Analyzed: 11-07-95
Analysis Requested: TCLP

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference	Det. Limit (mg/L)
Pyridine	ND	ND	0.0%	0.020
Hexachloroethane	ND	ND	0.0%	0.020
Nitrobenzene	ND	ND	0.0%	0.020
Hexachlorobutadiene	ND	ND	0.0%	0.020
2,4-Dinitrotoluene	ND	ND	0.0%	0.020
HexachloroBenzene	ND	ND	0.0%	0.020

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Maximum Difference
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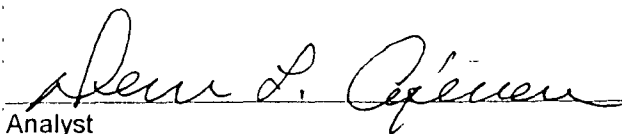
8090 Compounds

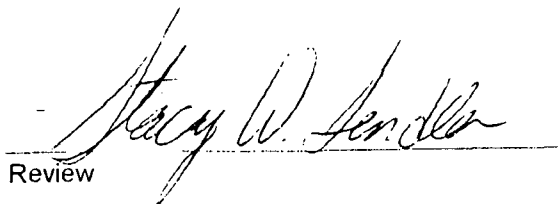
30%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for sample 9497.


Analyst


Review

Client:	ARCO Four Corners Pipe Line Project #:	92125-06
Sample ID:	Pipe Line Spill	Date Reported: 11-08-95
Laboratory Number:	9497	Date Sampled: 11-01-95
Chain of Custody:	4553	Date Received: 11-02-95
Sample Matrix:	Soil	Date Extracted: 11-02-95
Preservative:	Cool	Date Analyzed: 11-08-95
Condition:	Cool & Intact	Analysis Requested: TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200
p,m-Cresol	ND	0.040	200
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400
Pentachlorophenol	ND	0.020	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	99%
	2,4,6-Tribromophenol	99%

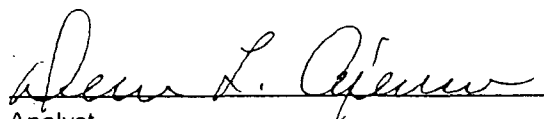
References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

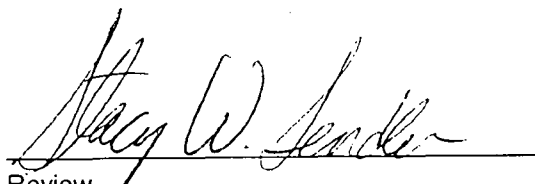
Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 198

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: **Aneth Station.**


Analyst


Review

**QUALITY ASSURANCE / QUALITY CONTROL
DOCUMENTATION**

Quality Assurance Report Laboratory Blank

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	11-08-95
Laboratory Number:	11-08-TCA.BLANK	Date Sampled:	N/A
Sample Matrix:	2-Propanol	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-08-95
Condition:	N/A	Analysis Requested:	TCLP

Analytical Results	Concentration	Detection	Regulatory
Parameter	(mg/L)	Limit	Limit
		(mg/L)	(mg/L)
o-Cresol	ND	0.020	200
p,m-Cresol	ND	0.040	200
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400
Pentachlorophenol	ND	0.020	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-fluorophenol	100 %
	2,4,6-tribromophenol	96 %

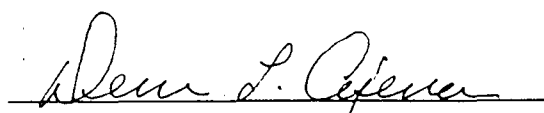
References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

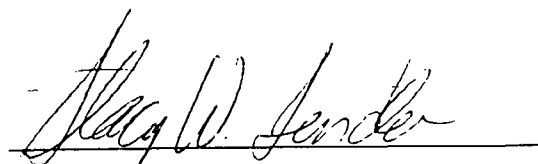
Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 198

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: QA/QC for sample 9497.


Analyst


Review

EPA METHOD 8040 PHENOLS Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	11-08-95
Laboratory Number:	11-02-TCA.MB	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	11-02-95
Condition:	Cool & Intact	Date Analyzed:	11-08-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200
p,m-Cresol	ND	0.040	200
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400
Pentachlorophenol	ND	0.020	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	99%
	2,4,6-Tribromophenol	99%

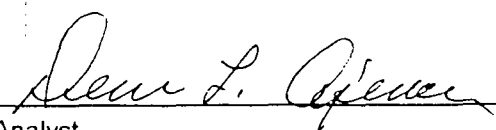
References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

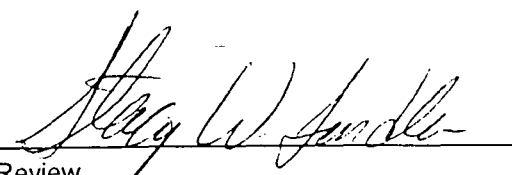
Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 198

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: QA/QC for sample 9497.


Analyst


Review

EPA METHOD 8040
PHENOLS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	11-08-95
Laboratory Number:	9497	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	11-02-95
Condition:	Cool & Intact	Date Analyzed:	11-08-95
		Analysis Requested:	TCLP

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Detection Limit (mg/L)	Percent Difference
o-Cresol	ND	ND	0.020	0.0%
p,m-Cresol	ND	ND	0.040	0.0%
2,4,6-Trichlorophenol	ND	ND	0.020	0.0%
2,4,5-Trichlorophenol	ND	ND	0.020	0.0%
Pentachlorophenol	ND	ND	0.020	0.0%

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Maximum Difference
	8040 Compounds	30.0%

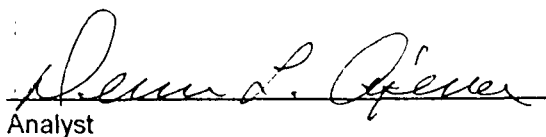
References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

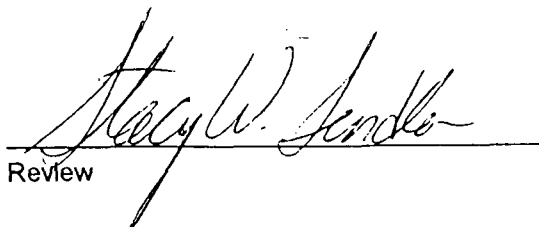
Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: QA/QC for sample 9497.


Analyst


Review

Client:	ARCO Four Corners Pipe Line Project #:	92125-06
Sample ID:	Pipe Line Spill	Date Reported: 11-03-95
Laboratory Number:	9497	Date Sampled: 11-01-95
Chain of Custody:	4553	Date Received: 11-02-95
Sample Matrix:	Soil	Date Extracted: 11-02-95
Preservative:	Cool	Date Analyzed: 11-03-95
Condition:	Cool & Intact	Analysis Requested: TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.0002	0.2
1,1-Dichloroethene	ND	0.0002	0.7
2-Butanone (MEK)	ND	0.0001	200
Chloroform	ND	0.0002	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0001	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0001	0.5
Tetrachloroethene	ND	0.0002	0.7
Chlorobenzene	ND	0.0001	100
1,4-Dichlorobenzene	ND	0.0001	7.5

ND - Parameter not detected at the stated detection limit.

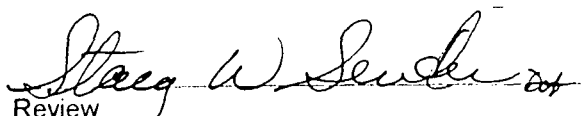
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Trifluorotoluene	99%
	Bromofluorobenzene	94%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Note: - Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: **Aneth Station.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL DOCUMENTATION

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	11-03-95
Laboratory Number:	11-03-TCV.BLANK	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-03-95
Condition:	N/A	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.0002	0.2
1,1-Dichloroethene	ND	0.0002	0.7
2-Butanone (MEK)	ND	0.0001	200
Chloroform	ND	0.0002	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0001	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0001	0.5
Tetrachloroethene	ND	0.0002	0.7
Chlorobenzene	ND	0.0001	100
1,4-Dichlorobenzene	ND	0.0001	7.5

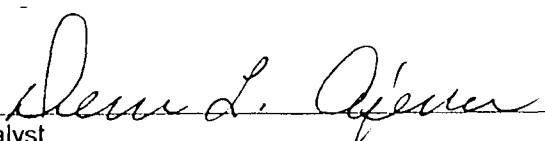
ND - Parameter not detected at the stated detection limit.

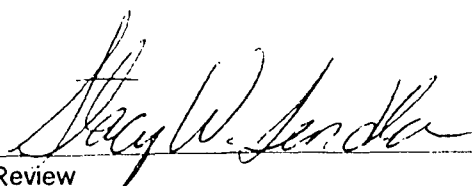
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Trifluorotoluene	99%
	Bromofluorobenzene	94%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for sample 9497.


Analyst


Review

EPA METHODS 8010/8020
AROMATIC / HALOGENATED
VOLATILE ORGANICS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	11-03-95
Laboratory Number:	11-02-TCV.MB	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-03-95
Condition:	N/A	Date Extracted:	11-02-95
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.0002	0.2
1,1-Dichloroethene	ND	0.0002	0.7
2-Butanone (MEK)	ND	0.0001	200
Chloroform	ND	0.0002	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0001	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0001	0.5
Tetrachloroethene	ND	0.0002	0.7
Chlorobenzene	ND	0.0001	100
1,4-Dichlorobenzene	ND	0.0001	7.5

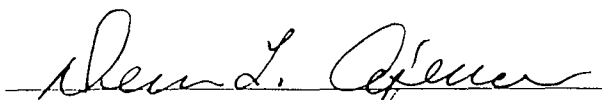
ND - Parameter not detected at the stated detection limit.

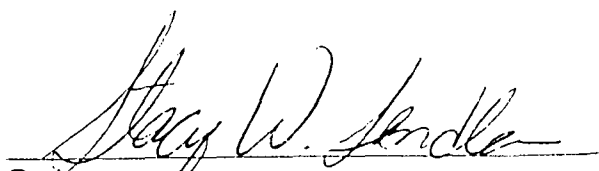
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Trifluorotoluene	98%
	Bromofluorobenzene	94%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: QA/QC for sample 9497.


Analyst


Review

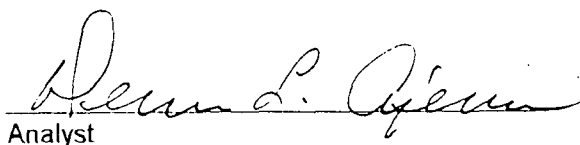
Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	11-03-95
Laboratory Number:	9497	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	11-03-95
Condition:	N/A	Date Extracted:	11-02-95

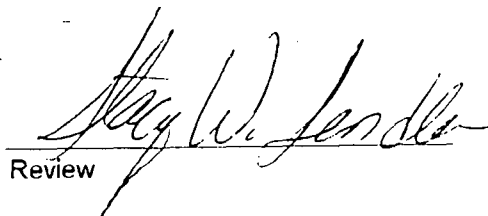
Parameter	Sample Result (mg/L)	Duplicate Sample Result (mg/L)	Detection Limits (mg/L)	Percent Difference
Vinyl Chloride	ND	ND	0.0002	0.0%
1,1-Dichloroethene	ND	ND	0.0002	0.0%
2-Butanone (MEK)	ND	ND	0.0001	0.0%
Chloroform	ND	ND	0.0002	0.0%
Carbon Tetrachloride	ND	ND	0.0001	0.0%
Benzene	ND	ND	0.0001	0.0%
1,2-Dichloroethane	ND	ND	0.0001	0.0%
Trichloroethene	ND	ND	0.0001	0.0%
Tetrachloroethene	ND	ND	0.0002	0.0%
Chlorobenzene	ND	ND	0.0001	0.0%
1,4-Dichlorobenzene	ND	ND	0.0001	0.0%

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for sample 9497.


Analyst


Review

EPA METHODS 8010/8020
AROMATIC / HALOGENATED
VOLATILE ORGANICS
QUALITY ASSURANCE REPORT

Client: QA/QC
Sample ID: Matrix Spike
Laboratory Number: 9497
Sample Matrix: Soil
Analysis Requested: TCLP
Condition: N/A

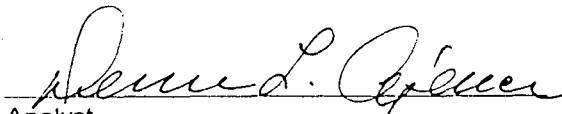
Project #: N/A
Date Reported: 11-03-95
Date Sampled: N/A
Date Received: N/A
Date Analyzed: 11-03-95
Date Extracted: 11-02-95

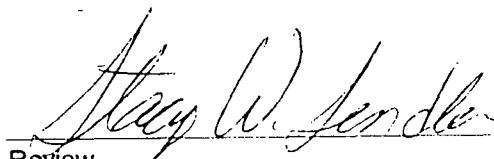
Parameter	Sample Result (mg/L)	Spike Added (mg/L)	Spiked Sample Result (mg/L)	Det. Limit (mg/L)	Percent Recovery	SW-846 % Rec. Accept. Range
Vinyl Chloride	ND	0.020	0.0195	0.0002	97%	28-163
1,1-Dichloroethene	ND	0.020	0.0197	0.0002	99%	43-143
2-Butanone (MEK)	ND	0.020	0.0198	0.0001	98%	47-132
Chloroform	ND	0.020	0.0196	0.0002	98%	49-133
Carbon Tetrachloride	ND	0.020	0.0200	0.0001	100%	43-143
Benzene	ND	0.020	0.0200	0.0001	100%	39-150
1,2-Dichloroethane	ND	0.020	0.0195	0.0001	98%	51-147
Trichloroethene	ND	0.020	0.0200	0.0001	100%	35-146
Tetrachloroethene	ND	0.020	0.0199	0.0002	99%	26-162
Chlorobenzene	ND	0.020	0.0198	0.0001	99%	38-150
1,4-Dichlorobenzene	ND	0.020	0.0199	0.0001	99%	42-143

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for sample 9497.


Analyst


Review

EPA METHOD 1311
TOXICITY CHARACTERISTIC
LEACHING PROCEDURE
TRACE METAL ANALYSIS

Client:	ARCO Four Corners Pipeline	Project #:	92125-06
Sample ID:	Pipe Line Spill	Date Reported:	11-03-95
Laboratory Number:	9497	Date Sampled:	11-01-95
Chain of Custody:	4553	Date Received:	11-02-95
Sample Matrix:	Soil	Date Analyzed:	11-03-95
Preservative:	Cool	Date Extracted:	11-02-95
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
Arsenic	0.003	0.001	5.00
Barium	5.90	0.01	100
Cadmium	0.004	0.001	1.00
Chromium	0.005	0.001	5.00
Lead	0.019	0.001	5.00
Mercury	ND	0.001	0.200
Selenium	ND	0.001	1.00
Silver	ND	0.1	5.0

ND - Parameter not detected at the stated detection limit.

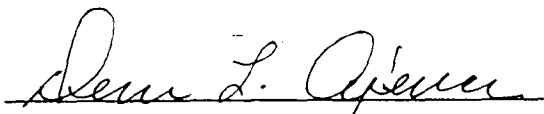
References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

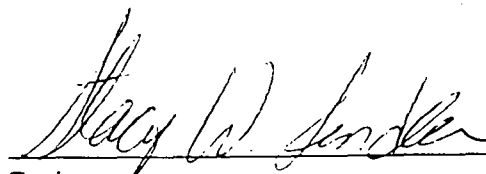
Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760 Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: **Aneth Station.**


Analyst


Review

**QUALITY ASSURANCE / QUALITY CONTROL
DOCUMENTATION**

**EPA METHOD 1311
TOXICITY CHARACTERISTIC
LEACHING PROCEDURE
TRACE METAL ANALYSIS**

Client:	QA/QC	Project #:	N/A
Sample ID:	Blanks	Date Reported:	11-03-95
Laboratory Number:	N/A	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	11-03-95
Condition:	N/A	Date Extracted:	N/A

Parameter	Instrument Blank (mg/L)	Method Blank (mg/L)	Det. Limit (mg/L)
Arsenic	ND	ND	0.001
Barium	ND	ND	0.01
Cadmium	ND	ND	0.001
Chromium	ND	ND	0.001
Lead	ND	ND	0.001
Mercury	ND	ND	0.001
Selenium	ND	ND	0.001
Silver	ND	ND	0.1

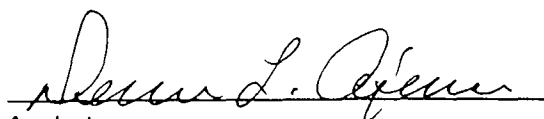
ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760 Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Comments: **QA/QC for sample 9497.**


Analyst


Review

EPA METHOD 1311
TOXICITY CHARACTERISTIC
LEACHING PROCEDURE
TRACE METAL ANALYSIS

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	11-03-95
Laboratory Number:	9497	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	11-03-95
Condition:	N/A	Date Extracted:	11-02-95

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference
Arsenic	0.003	0.003	0.0%
Barium	5.90	5.86	0.7%
Cadmium	0.004	0.004	0.0%
Chromium	0.005	0.005	0.0%
Lead	0.019	0.019	0.0%
Mercury	ND	ND	0.0%
Selenium	ND	ND	0.0%
Silver	ND	ND	0.0%

ND - Parameter not detected at the stated detection limit.

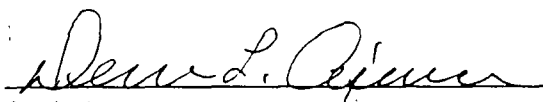
QA/QC Acceptance Criteria:	Parameter	Maximum Difference
	Trace Metals	30 %

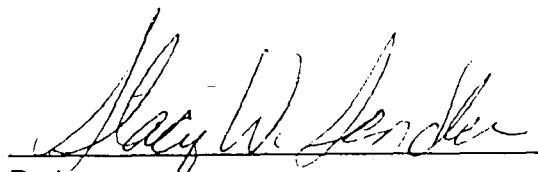
References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760 Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Comments: QA/QC for sample 9497.


Analyst


Review

EPA METHOD 1311
TOXICITY CHARACTERISTIC
LEACHING PROCEDURE
TRACE METAL ANALYSIS

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Spike	Date Reported:	11-03-95
Laboratory Number:	9497	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	11-03-95
Condition:	N/A	Date Extracted:	11-02-95

Parameter	Spike Added (mg/L)	Sample Result (mg/L)	Spiked Sample Result (mg/L)	Percent Recovery
Arsenic	0.100	0.003	0.104	101%
Barium	1.00	5.90	6.84	99%
Cadmium	0.100	0.004	0.104	100%
Chromium	0.100	0.005	0.105	100%
Lead	0.100	0.019	0.118	99%
Mercury	0.050	ND	0.049	98%
Selenium	0.100	ND	0.099	99%
Silver	1.0	ND	0.99	99%

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Acceptance Range %
	TCLP Metals	80 - 120 %

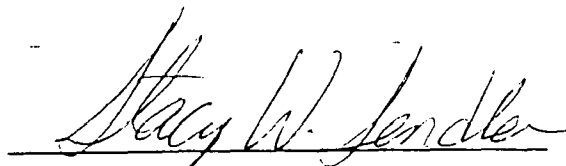
References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760 Analysis of Metals by GFAA and FLAA, SW-846, USEPA.

Comments: QA/QC for sample 9497.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name ARCO Four Corners Pipeline			Project Location ANETH STATION		ANALYSIS/PARAMETERS							
Sampler. (Signature) Mauri S. Young			Chain of Custody Tape No. 92125-06		No. of Containers 2	TCLP w/o HERS on PEST						Remarks
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix								
# P.L. Spill	Nov 1, 95	15:45	9497	Soil								
Relinquished by: (Signature) Mauri S. Young			Date Nov 2, 1995	Time 7:22	Received by: (Signature) D. L. O'Brien			Date 11/2/95	Time 7:22			
Relinquished by: (Signature)					Received by: (Signature)							
Relinquished by: (Signature)					Received by: (Signature)							

ENVIROTECH INC.
5796 U.S. Highway 64-3014
Farmington, New Mexico 87401
(505) 632-0615

san juan repro Form 578-81

District I - (505) 393-6161
P.O. Box 1940
Hotchkiss, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

CLIENT

Department

Form C-138
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☒ Non-Exempt: ☐	4. Generator <i>Western Gas Resources</i>
Verbal Approval Received: Yes ☒ No ☐ <i>Denny Faust 11/21/95</i>	5. Originating Site <i>San Juan River Plant</i>
2. Management Facility Destination <i>Envirotech Soil Remediation Facility Landfarm No. 2 Hilltop, NM</i>	6. Transporter <i>Envirotech</i>
3. Address of Facility Operator <i>5796 Hwy. 64-3014 Farmington, NM</i>	8. State <i>New Mexico</i>
7. Location of Material (Street Address or ULSTR) <i>99 Road 6500 Kirtland NM 87417</i>	
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport. <i>11/95</i>	

BRIEF DESCRIPTION OF MATERIAL:

dried Pipeline Sludge

RECEIVED
NOV 30 1995
OIL CON. DIV.
DIST. 3

*Re-Sent to OCO
11/22/95 Rm*

Estimated Volume 5 cy Known Volume (to be entered by the operator at the end of the haul) 7 cy

SIGNATURE: *Robert M. Young* TITLE: Landfarm Supervisor DATE: 11/14/95
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Robert M. Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY: *Denny G. Faust* TITLE: Geologist DATE: 12/11/95
APPROVED BY: *Spencer Bush* TITLE: " DATE: "

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: Western Gas Resources' San Juan River Plant
Source: pipeline sludge (gathering system)
Disposal Location: Envirotech Soil Remediation Facility. (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for WESTERN GAS RESOURCES concur with the status of the waste from the subject site.

Name Shauna Doven (Doven)
Title/Agency Environmental Specialist
Address 12200 N. Pecos St.
Denver, CO 80234
Signature Shauna Doven
Date 11/1/95

92197

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX/
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ D. Foust 10/31/95 (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter Envirotech	
2. Destination Landfarm #2, Envirotech Soil Remediation Facility	5. Generator Meridian Oil Inc.	
3. Address of Facility Operator 5796 US Hwy 64-3014, Farmington, NM 87401	6. Name of Originating Site Val Verde Plant	
7. Originating Location of Material (Street Address or ULSTR) A S14 T29N R11W, NMPM	8. State from NM to NM	
9. <u>Check One</u> ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Dates(s) for Transportation: 11/05/95		

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of MDEA charcoal Filter Media

RECEIVED
NOV 14 1995
OIL CON. DIV
DIST. 3

Estimated Volume 8 yd³ Known Volume (to be entered by the operator at the end of the haul): 0 yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert M. Young for RMY TITLE Landfarm Supervisor DATE 10/31/95TYPE OR PRINT NAME Robert M. Young TELEPHONE NO. (505) 632-0615

(This space for State Use)

APPROVED BY Denny G. Foust TITLE Geologist DATE 11/21/95

APPROVED BY Ernie Buach TITLE " DATE "

CONDITIONS OF APPROVAL, IF ANY:/

ENVIROTECH INC.

92197

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS
OILFIELD EXEMPT WASTE

Originating Location: Sal Verde Plant
Source: AREA Filtration
Disposal Location: Envirotech Soil Remediation Facility (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Meridian Oil Inc.
concur with the status of the waste from the subject site.

Name Craig A. Rock
Title/Agency Environmental Representative
Address P.O. Box 4289
Farmington New Mexico 87499-4289
Signature C. A. Rock
Date 10/30/95

Exempt Waste Manifest
Meridian Oil Inc.

PO Box 4289, Farmington, NM 87499

92197

safety and
Environmental

1. Waste Location: Lease/Well No. Val Verde Plant
2. Volume: 8 Cubic Yards Barrels Gallons
3. Description of Waste: Charcoal Filter Media
4. Method of Waste Generation: Charcoal is used to filter the MDEA at the plant. MDEA is used to remove CO2 from the gas stream.
5. Disposal Facility: Envirotech
6. Disposal Cost: \$16,443
7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal

C. A. Beck
(signature)

Date 10/30/95

MOI
Representative

Transportation Company:

Envirotech, Inc

Date(s) Transported:

MOI Representative on Site

(signature)

Date

Disposal Facility
complete and
return to
Meridian
safety and
environmental
invoice.

Date(s) Received:

Total Volume Received:

Waste Location : Cell/Grid No.

Received By :

(signature)

District I - (505) 393-6161
P.O. Box 1940
Hobbs, NM 88241-1940
District II - (505) 748-1233
811 S. First
Artesia, NM 88210
District III - (505) 338-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 8

New Mexico

CLIENT 04072

Form C-1
Originated 4/1

Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Submit Orig:
Plus 1 Cc
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator <u>Stewart + Stevens</u>
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site <u>Stewart + Stevens Main Yard</u>
2. Management Facility Destination <u>Envirotech Soil Remediation Facility Landfarm No. 2 Hilltop, NM</u>	6. Transporter <u>GARCIA</u>
3. Address of Facility Operator <u>5796 Hwy. 64-3014 Farmington, NM</u>	8. State <u>NM</u>
7. Location of Material (Street Address or ULSTRA) <u>105 E ELM FARMINGTON, NM 87401</u>	<u>Formerly "Panco"</u>
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. <u>TCLP Sampled 11/29/94</u> All transporters must certify the wastes delivered are only those consigned for transport. <u>12/95</u>	

BRIEF DESCRIPTION OF MATERIAL:

Hydrocarbon contaminated Sludge from Sand trap at site.
Sand trap filters wash water from Re-building oilfield compressor engines.

Estimated Volume 0.3 wet bbl cy Known Volume (to be entered by the operator at the end of the haul) 0 cy

SIGNATURE: Robert M. Young
Waste Management Facility Authorized Agent

TITLE: Landfarm Supervisor

DATE: 11/21/95

TYPE OR PRINT NAME: Robert M. Young

TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY: Denny D. Faint

TITLE: Geologist

DATE: 11/21/95

APPROVED BY: C. S. ...

TITLE: Geologist

DATE: 11/22/95

District I - (505) 393-6161
P. O. Box 1940
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

CLIENT 04072

Form C-138
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator <u>Stewart + Stevens</u>
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site <u>Stewart + Stevens</u> <u>Main yard</u>
2. Management Facility Destination <u>Envirotech Soil Remediation</u> <u>Facility Landfarm No. 2 Hilltop, NM</u>	6. Transporter <u>GARCIA</u>
3. Address of Facility Operator <u>5796 Hwy. 64-3014 Farmington, NM</u>	8. State <u>NM</u>
7. Location of Material (Street Address or ULSTR) <u>105 E ELM</u> <u>FARMINGTON, NM 87401</u>	<u>Formerly "Pamco"</u>
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. <u>TCLP Sampled 11/29/94</u> All transporters must certify the wastes delivered are only those consigned for transport. <u>12/45</u>	

BRIEF DESCRIPTION OF MATERIAL:

Hydrocarbon contaminated Sludge from Sand trap at site.
Sand trap filters wash water from re-building
oilfield compressor engines.

RECEIVED
NOV 21 1995

OIL CON. DIV.

Estimated Volume 83 wet 661 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: Robert M. Young
Waste Management Facility Authorized Agent

TITLE: Landfarm Supervisor

DATE: 11/21/95

TYPE OR PRINT NAME: Robert M. Young

TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY: Denny S. Fout TITLE: Geologist

DATE: 11/21/95

APPROVED BY: _____ TITLE: _____

DATE: _____

Santa Fe 11/21/95

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW.

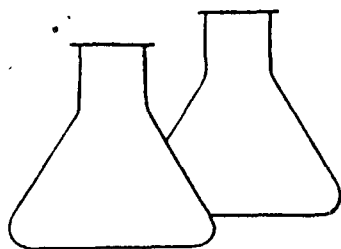
CERTIFICATE OF WASTE STATUS OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: 105 East Elm Farmington N.M.
Source: Sand Trapper
Disposal Location: Envirotech Soil Remediation Facility, (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Stewart & Stevenson
concur with the status of the waste from the subject site.

Name Fred Jensen
Title/Agency Service Manager
Address 105 East Elm
Farmington N.M. 87401
Signature Fred Jensen
Date 11-21-95



ENV RO TECH LABS

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

SUSPECTED HAZARDOUS & SOLID WASTE ANALYSIS

Client:	Pamco	Project #:	04072
Sample ID:	Liquid Trap	Date Reported:	11-21-94
Lab ID#:	8038	Date Sampled:	11-01-94
Sample Matrix:	Soil	Date Received:	11-01-94
Preservative:	Cool	Date Analyzed:	11-01-94
Condition:	Cool & Intact		

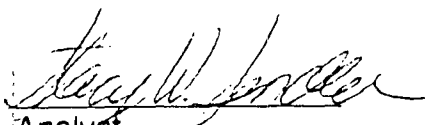
IGNITABILITY: Did not ignite upon direct contact with flame.

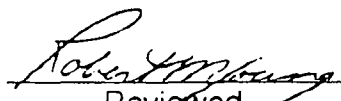
CORROSIVITY: pH of 8.00

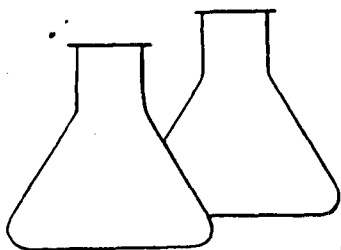
REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: $\leq$ pH 2 or $\geq$ pH 12.5 is hazardous waste
105 E. Elm, Farmington, NM.


Analyst


Reviewed



ENV RO TECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401

PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 1311

TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	Pamco	Project #:	04072
Sample ID:	Liquid Trap	Date Reported:	11-18-94
Laboratory Number:	8038	Date Sampled:	11-01-94
Sample Matrix:	Liquid	Date Received:	11-01-94
Preservative:	Cool	Date Analyzed:	11-18-94
Condition:	Cool & Intact	Date Extracted:	11-01-94
Chain of Custody:	4000	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
ARSENIC	0.025	0.01	5.000
BARIUM	1.49	0.5	100.0
CADMIUM	0.053	0.04	1.000
CHROMIUM	0.096	0.01	5.000
LEAD	0.035	0.001	5.000
MERCURY	0.005	0.002	0.200
SELENIUM	ND	0.01	1.000
SILVER	0.01	0.01	5.00

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

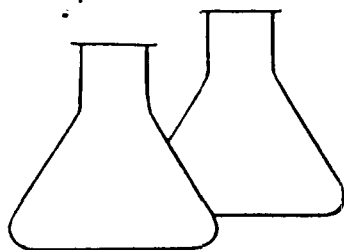
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: 105 E. Elm, Farmington, NM - 5 point composite.


Analyst


Review



ENVIROTECH LABS

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

EPA METHODS 8010/8020 AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	Pamco	Project #:	04072
Sample ID:	1/10 liquid trap	Date Reported:	11-30-94
Laboratory Number:	8122VOTC	Date Sampled:	NA
Sample Matrix:	Soil	Date Received:	NA
Preservative:	Cool	Date Extracted:	11-29-94
Condition:	Cool & Intact	Date Analyzed:	11-29-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
1,1-Dichloroethene	0.016	0.011	0.7
2-Butanone	0.014	0.005	200
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	0.005	0.005	0.5
Tetrachloroethene	ND	0.005	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromochloromethane	117 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1991.
Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

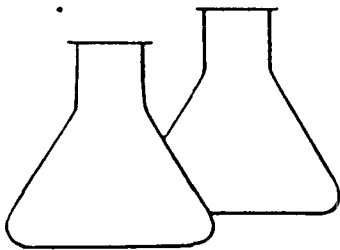
Note: Regulatory limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: TCLP Extraction Method Blank

Rex L. Griffin
Analyst

Robert M. [Signature]
Review



ENVIROTECH LABS

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

EPA METHOD 8040 PHENOLS

Client:	Pamco	Project #:	04072
Sample ID:	liquid trap	Date Reported:	11-22-94
Laboratory Number:	8038TCA.	Date Sampled:	11-01-94
Sample Matrix:	Soil	Date Received:	11-01-94
Preservative:	Cool	Date Extracted:	10-31-94
Condition:	Cool & Intact	Date Analyzed:	11-17-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	0.079	0.020	200.0
p,m-Cresol	0.196	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	0.028	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	112 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

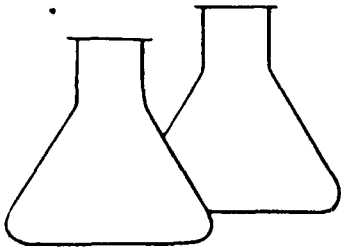
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Pamco 105 E. Elm, Farmington, MN

Ref L. Duffin
Analyst

Thayl W. Lender
Review



ENVIROTECH LABS

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

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	Pamco	Project #:	04072
Sample ID:	liquid trap	Date Reported:	11-22-94
Laboratory Number:	8038BNTC.	Date Sampled:	11-01-94
Sample Matrix:	Soil	Date Received:	11-01-94
Preservative:	NA	Date Extracted:	10-31-94
Condition:	NA	Date Analyzed:	11-21-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	0.068	0.024	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	38 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: Pamco 105 E. Elm, Framington, MN

Reid Griffin
Analyst

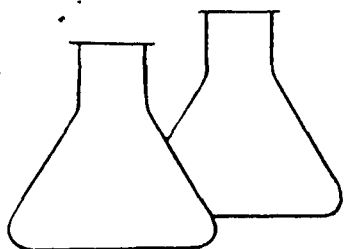
Steve W. Jordan
Review

ENVIROTECH LABORATORIES

5796 U.S. HIGHWAY 64-3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

QUALITY ASSURANCE/QUALITY CONTROL

DOCUMENTATION



ENVIROTECH LABS

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

AROMATIC VOLATILE ORGANICS/HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:	NA
Sample ID:	lab blank	Date Reported:	11-29-94
Laboratory Number:	1129VOTC.BLK	Date Sampled:	NA
Sample Matrix:	Water	Date Received:	NA
Preservative:	NA	Date Analyzed:	11-29-94
Condition:	NA	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
2-Butanone	ND	0.005	200
1,1-Dichloroethene	ND	0.011	0.7
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.005	0.5
Tetrachloroethene	ND	0.005	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromochloromethane	108 %
	Bromofluorobenzene	98 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992

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

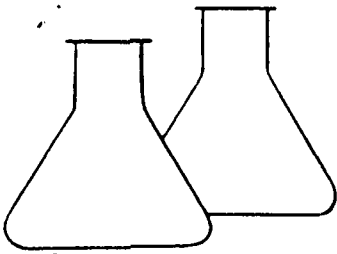
Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA FOR 8122

Rex L. Huffer
Analyst

Robert J. Huffer
Review



ENVIROTECH LABS

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

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	11-21-94
Laboratory Number:	1108TCV.BLK	Date Sampled:	NA
Sample Matrix:	Water	Date Received:	NA
Preservative:	NA	Date Analyzed:	11-08-94
Condition:	NA	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.005	0.2
2-Butanone	ND	0.013	200
1,1-Dichloroethene	ND	0.018	0.7
Chloroform	ND	0.005	6.0
Carbon Tetrachloride	ND	0.005	0.5
Benzene	ND	0.005	0.5
1,2-Dichloroethene	ND	0.005	0.5
Trichloroethene	ND	0.007	0.5
Tetrachloroethene	ND	0.006	0.7
Chlorobenzene	ND	0.005	100
1,4-Dichlorobenzene	ND	0.005	7.5

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromochloromethane	103 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

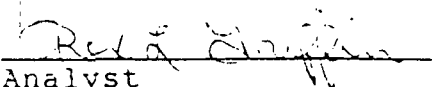
Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992

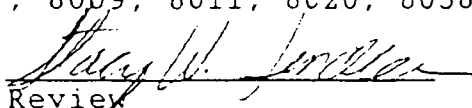
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

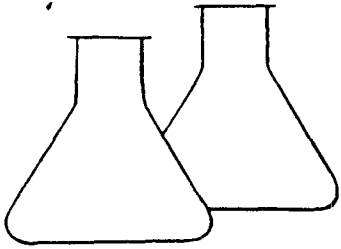
Note: Regulatory Limits based on 40 CFR part 261 Subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples 7986, 8007, 8009, 8011, 8020, 8038


Analyst


Review



ENVIROTECH LABS

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

** QUALITY ASSURANCE REPORT MATRIX DUPLICATE
EPA METHOD 8010/8020 AROMATIC VOLATILE/HALOGENATED VOLATILE ORGANICS

Client:	NA	Project #:
Sample ID:	Duplicate Sample	Date Reported: 11-21-94
Laboratory Number:	7986DUP.	Date Sampled:
Sample Matrix:	Soil	Date Received:
Analysis Requested:	TCLP	Date Analyzed: 11-08-94
Condition:	NA	

Parameter	Sample Result (ug/L)	Duplicate Sample Result (ug/L)	Percent Difference
Vinyl Chloride	ND	ND	0.0
1,1-Dichloroethene	ND	ND	0.0
2-Butanone	ND	ND	0.0
Chloroform	ND	ND	0.0
Carbon Tetrachloride	ND	ND	0.0
Benzene	ND	ND	0.0
1,2-Dichloroethane	ND	ND	0.0
Trichloroethene	ND	ND	0.0
Tetrachloroethene	ND	ND	0.0
Chlorobenzene	ND	ND	0.0
1,4-Dichlorobenzene	ND	ND	0.0

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 5030, Purge-and-Trap, Test Methods for Evaluating
Solid Waste, SW-846, USEPA, July 1992.

Method 8010, Halogenated Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, July 1992.

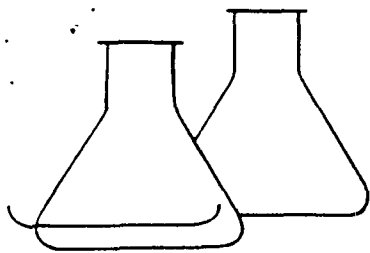
Method 8020, Aromatic Volatile Organics, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, Sept. 1986

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for samples: 7986, 8007, 8009, 8011, 8020, 8038

Analyst

Review



ENVIROTECH LABS

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

EPA METHOD 8040 PHENOLS

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	11-21-94
Laboratory Number:	1117TCA.BLK	Date Sampled:	NA
Sample Matrix:	2-Propanol	Date Received:	NA
Preservative:	NA	Date Analyzed:	11-17-94
Condition:	NA	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200.0
p,m-Cresol	ND	0.040	200.0
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400.0
Pentachlorophenol	ND	0.020	100.0

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	2-fluorophenol	99 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid
Waste, SW-846, USEPA, Sept. 1986.

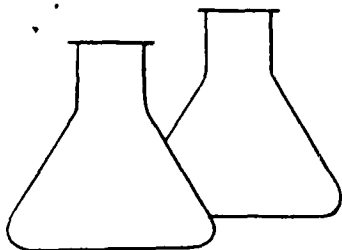
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8011, 8020, 8038, 8099

Debra Haffner
Analyst

Stacy W. Jordan
Review



ENVIROTECH LABS

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

** QUALITY ASSURANCE REPORT MATRIX DUPLICATE
EPA METHOD 8040 PHENOLS

Client:		Project #:	
Sample ID:	Duplicate sample	Date Reported:	11-22-94
Laboratory Number:	7986TCA	Date Sampled:	
Sample Matrix:	Soil	Date Received:	
Preservative:	Cool	Date Analyzed:	11-19-94
Condition:	Cool & intact	Analysis Requested:	TCLP

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Percent Difference
o-Cresol	ND	ND	0.0
cresol	ND	ND	0.0
2,4,6-Trichlorophenol	ND	ND	0.0
2,4,5-Trichlorophenol	ND	ND	0.0
Pentachlorophenol	0.037	0.030	19.0

QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

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

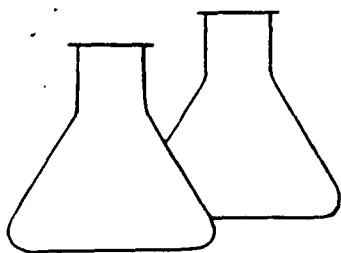
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8020, 8020, 8038, 8099

Rex E. Hoffman
Analyst

Stacy W. Sender
Review



ENVIROTECH LABS

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

EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:	NA	Project #:	NA
Sample ID:	Laboratory Blank	Date Reported:	11-21-94
Laboratory Number:	1121BNTC.BLK	Date Sampled:	NA
Sample Matrix:	Hexane	Date Received:	NA
Preservative:	NA	Date Extracted:	NA
Condition:	NA	Date Analyzed:	11-21-94
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.024	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

SURROGATE RECOVERY:	Parameter	Percent Recovery
	2-fluorobiphenyl	95 %

Method: Method 1311, Toxicity Characteristic Leaching Procedure
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction,
Test Methods for Evaluating Solid Waste, SW-846, USEPA,
July 1992.

Method 8090, Nitroaromatics and Cyclic Ketones,
Test Methods for Evaluating Solid Waste, SW-846,
USEPA, Sept. 1986

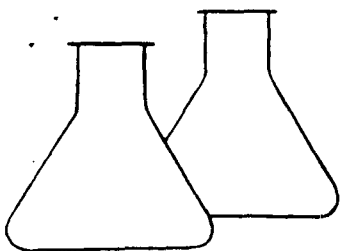
Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, July 1, 1992

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8011, 8020, 8038, 8099

Rebecca H. Haffner
Analyst

Theresa W. Anderson
Review



ENVIROTECH LABS

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

QUALITY ASSURANCE REPORT MATRIX DUPLICATE
EPA METHOD 8090 NITROAROMATICS AND CYCLIC KETONES

Client:		Project #:	
Sample ID:	Duplicate sample	Date Reported:	11-22-94
Laboratory Number:	8099 BNTC	Date Sampled:	
Sample Matrix:	Soil	Date Received:	
Preservative:	Cool	Date Analyzed:	11-21-94
Condition:	Cool & intact	Analysis Requested:	TCLP

Parameter	Sample Result (ug/Kg)	Duplicate Result (ug/Kg)	Percent Difference
Pyridine	ND	ND	0.0
Hexachloroethane	0.064	0.064	0.0
Nitrobenzene	ND	ND	0.0
Hexachlorobutadiene	ND	ND	0.0
2,4-Dinitrotoluene	ND	ND	0.0
Hexachlorobenzene	ND	ND	0.0

QA ACCEPTANCE CRITERIA: Administrative control limit set
at maximum of 30% difference.

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

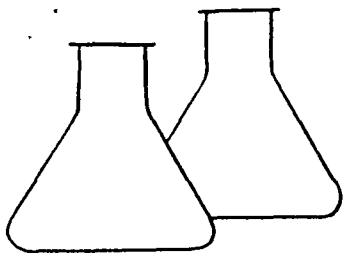
Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: QA/QC for 7986, 8007, 8009, 8020, 8020, 8038, 8099

Rev L Haffner
Analyst

Heather J. Jendler
Review



ENVIROTECH LABS

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

TRACE METAL ANALYSIS - BLANKS

Client:	NA	Project #:	NA
Sample ID:	Blanks 10-24-94	Date Reported:	11-18-94
Laboratory Number:	MB1024	Date Sampled:	NA
Sample Matrix:	Liquid	Date Received:	NA
Preservative:	Cool	Date Analyzed:	11-18-94
Condition:	NA	Analysis Needed:	TCLP Metals
		Date Extracted:	10-24-94

Parameter	Instrument Blank (mg/L)	Method Blank (mg/L)	Det. Limit (mg/L)
ARSENIC	ND	ND	0.01
BARIUM	ND	ND	0.5
CADMIUM	ND	ND	0.04
CHROMIUM	ND	ND	0.01
LEAD	ND	ND	0.001
MERCURY	ND	ND	0.002
SELENIUM	ND	ND	0.01
SILVER	ND	ND	0.01

Method: Methods 3010A, 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, Sept. 1992

Methods 7060A, 7080, 7131, 7191, 7470, 7421, 7740, 7760A Analysis of Metals by GFAA and FLAA, SW-846, USEPA, 1992

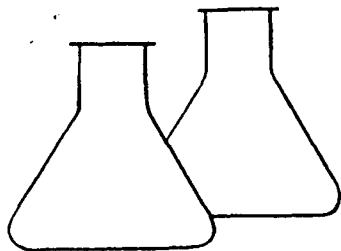
Method 1311, Toxicity Characteristic Leaching Procedure SW-846, USEPA, July 1992.

ND - Parameter not detected at the stated detection limit.

Comments: Lab Nos. 7986, 8007, 8009, 8011, 8020, 8038, QCCCK1026.

Analyst

Review



ENV RO' ECH LABS

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

TRACE METAL ANALYSIS - MATRIX SPIKE

Client:	NA	Project #:	NA
Sample ID:	7986 SPK	Date Reported:	11-18-94
Laboratory Number:	7986	Date Sampled:	NA
Sample Matrix:	Liquid	Date Received:	NA
Analysis Requested:	Trace Metals	Date Analyzed:	11-18-94
Condition:	NA		

Parameter	Spike Added (mg/L)	Sample Result (mg/L)	Spiked Sample Result (mg/L)	Percent Recovery
ARSENIC	0.1000	ND	0.12	120
BARIUM	10.00	ND	10.1	101
CADMIUM	1.0000	0.23	0.92	69
CHROMIUM	0.1000	0.01	0.13	120
LEAD	0.1000	0.02	0.12	100
MERCURY	0.1000	ND	0.08	80
SELENIUM	0.1000	ND	0.07	70
SILVER	1.000	0.02	0.95	93

QA ACCEPTANCE CRITERIA:	Parameter	Acceptance Range %
	Trace Metals	80 - 120

Method: Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7760A
Analysis of Metals by GFAA and FLAA, SW-846, USEPA

Method 1311, Toxicity Characteristic Leaching Procedure
SW-846, USEPA, July 1992.

ND - Parameter not detected at the stated detection limit.

Comments: Spike recoveries for Cadmium and Selenium are slightly low.

Analyst

Review

Fixed
Total Assets
on Liquidating

1. 1000000

Ans: 6.4m

SAN JUAN REPUBLIC Form 578 81

Contact FROD w/ RESORT BY 4/17/84

Farmington, New Mexico 87401 .

(505) 632-0615

• • • • •

San Juan repro Form 578 81

NM 88241-1980
District II - (505) 748-1283
311 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

OIL CONSERVATION DIVISION
RECEIVED

'95 NOV 6 AM 8 52
Roger Anderson

Form 13
Originated 4/18/95
Submit Origin
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator <i>Transwestern Pipeline</i>
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site <i>Station #5 Thompson, NM</i>
2. Management Facility Destination <i>Envirotech Soil Remediation Facility Landfarm No. 2 Hilltop, NM</i>	6. Transporter <i>Transwestern Pipeline</i>
3. Address of Facility Operator <i>5796 Hwy. 64-3014 Farmington, NM</i>	8. State <i>New Mexico</i>
7. Location of Material (Street Address or ULSTR)	
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Used Ambitrol spilled onto soil (overfill)

MSDS + Lab Analysis Attached

RECEIVED
NOV 2 1995

OIL CON. DIV.
DIST. 3

RECEIVED
NOV - 9 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 50 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: Robert M. Young
Waste Management Facility Authorized Agent

TITLE: Landfarm Supervisor

DATE: 11/2/95

TYPE OR PRINT NAME: Robert M. Young

TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY: Denny G. Feint

TITLE: Geologist

DATE: 11/3/95

APPROVED BY: Q. S. Justice

TITLE: Geologist

DATE: 11/7/95

District I - (505) 393-6161
P. O. Box 1940
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

CLIENT 95300-35
New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-138
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator <i>Transwestern Pipeline</i>
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site <i>Station #5 Thruway</i>
2. Management Facility Destination <i>Envirotech Soil Remediation Facility Landfarm No. 2 Hilltop, NM</i>	6. Transporter <i>Transwestern Pipeline</i>
3. Address of Facility Operator <i>5796 Hwy. 64-3014 Farmington, NM</i>	8. State <i>New Mexico</i>
7. Location of Material (Street Address or ULSTR)	
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Used Ambitrol spilled onto Soil (overfill)

MSDS + Lab Analysis Attached

RECEIVED
NOV - 2 1995

OIL CON. DIV.
DIST. 3
50-

Estimated Volume 50 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: Robert M. Young
Waste Management Facility Authorized Agent

TITLE: Landfarm Supervisor

DATE: 11/2/95

TYPE OR PRINT NAME: Robert M. Young

TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY: Denny G. Fount

TITLE: Geologist

DATE: 11/3/95

APPROVED BY: _____

TITLE: _____

DATE: _____

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Post-It* Fax Note 7671

Date 10/24 # of pages 3

To GRACY BENDLER	From GEORGE FAIEND
Co./Dept. ENVIROTECH	Co. TRANSWESTERN
Phone # 505 632 0615	Phone # 505 260 4000
Fax # 505 632 1965	Fax #

CERTIFICATE OF WASTE STATUS OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: STATION #5 THOREAU NM. 87323

Source: OVER FILL OF TANK AT NAT GAS COMPRESSOR STATION

Disposal Location: Envirotech Soil Remediation Facility, (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for TRANSWESTERN PIPE LINE CO concur with the status of the waste from the subject site.

Name GEORGE FAIEND
 Title/Agency ENVIRONMENTAL
INSPECTOR
 Address SUMMIT OFFICE BLD. STE 250
4001 INDIAN SCHOOL Rd ALBU NM
 Signature [Signature] 97110
 Date 10/24/95

TERRA LABORATORIES, LTD.

2525 SOUTH SHORE BLVD, SUITE 100 LEAGUE CITY, TX 77573
713/334-5052 FAX 713/334-3116

WORK ORDER # E5112 D

LAB ANALYSIS REPORT

Report Date: AUG. 8 1995

Page # 1

Transwestern Pipeline - Albuquerque
4001 Indian School Rd N.E.
Albuquerque, NM 87110
Attn: Russell, Butch
Sample Number: 95004769
Project Name:

Reviewed by: JMH
Job Number:
Date Collected: 07/29/95
Time Collected: 1150
Sample Type: GRAB

Sample ID: 72995-2 040

Date Received: 08/01/95

Test Code	Analyte	Result	Units	Method	Analyst
418 1S'D	TPH Analysis Prep(Date/Time)	08/02 0415	init.	6-3550	JMR
TPH'S	TPH(Tl Petroleum Hydrocarbons	16000	mg/kg	2-418.1	JMR
TMETX'D	TCLP Bottle Extract. (D/T)	08/01 1700	init.	6-1311	BKW
HGX'D	Mercury Analysis (D/T)	08/03 0930	init.	6-7470	RR
HgCVAAL	Mercury, Leachable	< 0.0004	mg/L	6-7470	RR
DmiWL'D	Acid Digestion(Date/Time)	08/02 1900	init.	6-3015	RR
ICP'LI'D	ICP Analysis (Date/Time)	08/07 1018	init.	6-6010	JBM
TAsICPl	Arsenic, Leachable	< 0.6	mg/L	6-6010	JBM
TBaICPl	Barium, Leachable	2.8	mg/L	6-6010	JBM
TCdICPl	Cadmium, Leachable	< 0.03	mg/L	6-6010	JBM
TCrICPl	Chromium, Leachable	< 0.03	mg/L	6-6010	JBM
TPbICPl	Lead, Leachable	< 0.1	mg/L	6-6010	JBM
TSeICPl	Selenium, Leachable	< 0.6	mg/L	6-6010	JBM
TAgICPl	Silver, Leachable	< 0.03	mg/L	6-6010	JBM

COMMENTS:

FOOTNOTES: MI - Surrogate recovery is not reportable due to matrix interferences
Dil.Fx.- Minimum dilution required to allow acceptable quantitation
ppm = mg/L(Liquid), mg/kg(Solid) ppb = ug/L(Liquid), ug/kg(Solid)
init = date & time initiated B=found in blank J=>mdl< reporting limit

Preparation and Analysis Method References:

1. ASTM: American Society for Testing and Materials, 1984.
 2. EPA-600/4-79-020, Methods for Chemical Analysis of Water and Wastes, 1978 (revised 1983).
 3. EPA-600/4-82-057, Methods for Organic Chemical Analysis of Municipal & Industrial Wastewater, 1982.
 4. HACH: Test Methods, accepted by EPA in November, 1983.
 5. SM: Standard Methods for the Examination of Water and Wastewater, 18th edition.
 6. SW: SW-846, Test Methods for Evaluation of Solid Waste, Third edition. Update I, July 1992.
- L: EPA/SW references followed by L refer to accepted minor modifications made to the methods for use with Lachat QuikChem 8000 Autoanalyzer.

SAMPLE TAKEN FROM.

ETHYLENE GLYCOL CONTAMINATED
SOIL FRONT OF ENGINE ROOM.

Rev 8/8/95
Gary Dill

FROM TERRA LABS, LTD.

08.08.1995 3150

NO.11 P. 2

TERRA LABORATORIES, LTD.

2525 SOUTH SHORE BLVD, SUITE 100 LEAGUE CITY, TX 77573

713/334-5052 FAX 713/334-3116

WORK ORDER #

E6112 D

LAB ANALYSIS REPORT

Report Date: AUG. 8 1995

Page # 1

Transwestern Pipeline - Albuquerque
 4001 Indian School Rd N.E.
 Albuquerque, NM 87110
 Attn: Russell, Butch
 Sample Number: 95004768
 Project Name:

Reviewed by: JMH

Job Number:
 Date Collected: 07/29/95
 Time Collected: 1150
 Sample Type: GRAB

Sample ID: 72995-1 039

Date Received: 08/01/95

Test Code	Analyte	Result	Units	Method	Analyst
418 1S'D	TPH Analysis Prep (Date/Time)	08/02 0415	init.	6-3550	JMR
TPH'S	TPH (Tl Petroleum Hydrocarbons	82	mg/kg	2-418.1	JMR
TMETX'D	TCLP Bottle Extract. (D/T)	08/01 1700	init.	6-1311	BKW
HGX'D	Mercury Analysis (D/T)	08/03 0930	init.	6-7470	RR
HgCVAAL	Mercury, Leachable	< 0.0004	mg/L	6-7470	RR
DMIWL'D	Acid Digestion (Date/Time)	08/02 1900	init.	6-3015	RR
ICP'LI'D	ICP Analysis (Date/Time)	08/07 1018	init.	6-6010	JBM
TASICPl	Arsenic, Leachable	< 0.6	mg/L	6-6010	JBM
TBAICPl	Barium, Leachable	1.6	mg/L	6-6010	JBM
TCdICPl	Cadmium, Leachable	< 0.03	mg/L	6-6010	JBM
TCrICPl	Chromium, Leachable	< 0.03	mg/L	6-6010	JBM
TPbICPl	Lead, Leachable	< 0.1	mg/L	6-6010	JBM
TSeICPl	Selenium, Leachable	< 0.6	mg/L	6-6010	JBM
TAgICPl	Silver, Leachable	< 0.03	mg/L	6-6010	JBM

COMMENTS:

FOOTNOTES: MI - Surrogate recovery is not reportable due to matrix interferences
 Dil.Fx.- Minimum dilution required to allow acceptable quantitation
 ppm = mg/L (Liquid), mg/kg (Solid) ppb = ug/L (Liquid), ug/kg (Solid)
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Preparation and Analysis Method References:

1. ASTM: American Society for Testing and Materials, 1984.
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 3. EPA-600/4-82-057, Methods for Organic Chemical Analysis of Municipal & Industrial Wastewater, 1982.
 4. HACH: Test Methods, accepted by EPA in November, 1983.
 5. SM: Standard Methods for the Examination of Water and Wastewater, 18th edition.
 6. SW: SW-846, Test Methods for Evaluation of Solid Waste, Third edition. Update I, July 1992.
- L: EPA/SW references followed by L refer to accepted minor modifications made to the methods for use with Lachat QuikChem 8000 Autoanalyzer.

SAMPLE TAKEN FROM.

ETHYLENE GLYCOL CONTAMINATED

50in FRONT OF ENGINE ROOM

Rw 8/8/95
 Larry Diller

SUSPECTED HAZARDOUS & SOLID WASTE ANALYSIS

Client:	Transwestern Pipeline Co.	Project #:	95300-35
Sample ID:	Dirt from around Eng Room/045	Date Reported:	10-26-95
Lab ID#:	9461	Date Sampled:	10-25-95
Sample Matrix:	Soil	Date Received:	10-26-95
Preservative:	Cool	Date Analyzed:	10-26-95
Condition:	Cool & Intact	Chain of Custody:	4539

Parameter	Result
-----------	--------

IGNITABILITY: Did not ignite upon direct contact with flame.

CORROSIVITY: pH of 7.84

REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

RCRA Hazardous Waste Criteria

Parameter	Hazardous Waste Criterion
-----------	---------------------------

IGNITABILITY: Sample ignition upon direct contact with flame indicates hazardous waste status.

CORROSIVITY: pH less than or equal to 2.0 or pH greater than or equal to 12.5 indicates hazardous waste status.

REACTIVITY: Violent reaction with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric Acid) indicates hazardous waste status.

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: 174 Castle Rock Rd., Thoreau, NM.
Dirt from around Eng Room.


Analyst


Review



COMPANY Transwestern Pipeline Co. RE
ADDRESS 174 Castle Rock Rd. P.O. Box 1019 Morrow N.M. 87323 INV
PHONE 505 862-7443 FAX 505 862-7826
PROJECT NAME/LOCATION Dirt From around Eng Room P.C.
PROJECT NUMBER _____ NE
PROJECT MANAGER Butch Russell

NET QUOTE NO. _____

SIGNATURE

To assist us in selecting the proper method

Which regulations apply: RCRA _____ NPDES Wastewater _____
UST _____ Drinking Water _____
Other _____ None _____

[illegible]

Send Copy To —
Butch Russell
Transwestern Pipeline Co.
~~Summit office Bldg. —~~
Suite 250
4001 Indian School Rd NE
Albuquerque N.M. 87110
(505) 254-1437
also send Copy To —
Charlie Allen
Transwestern Pipeline Co.
P.O. Box 1019
Thoreau N.M. 87323
(505) 862-7826

TEMPERATURE UPON RECEIPT: _____
Bottles supplied by NET? YES / NO

DATE _____

METHOD OF SHIPMENT

REMARKS:



CHAIN OF CUSTODY RECORD

Client/Project Name Transwestern Pipeline Co			Project Location Dirt From Around Eng Room		ANALYSIS/PARAMETERS							
Sampler: (Signature) Charlie Allen			Chain of Custody Tape No. 95300-35		No. of Containers 1	RCRA						Remarks
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix								
Dirt From Around Eng Room / 045	10/21/95	13:00	9461	Soil								
Relinquished by: (Signature) Charlie Allen det			Date 10/25/95	Time	Received by: (Signature) UPS overnight						Date	Time
Relinquished by: (Signature) UPS overnight					Received by: (Signature) Shirley L. Opland						10/26/95	10:20
Relinquished by: (Signature)					Received by: (Signature)							

ENVIROTECH INC.
 5796 U.S. Highway 64-3014
 Farmington, New Mexico 87401
 (505) 632-0615

san juan repro Form 578-01

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* An Operating Unit of The Dow Chemical Company



Dow U.S.A.

The Dow Chemical Company
Midland, Michigan 48674

Material Safety Data Sheet

Dow Chemical U.S.A.* Midland, MI 48674 Emergency Phone: 517-636-4400

Product Code: 07662

Page: 1

Product Name: AMBITROL (R) CN COOLANT

Effective Date: 01/18/91 Date Printed: 10/14/92

MSDS:000026

1. INGREDIENTS: (% w/w, unless otherwise noted)

Ethylene glycol	CAS# 000107-21-1	>90%
Diethylene glycol	CAS# 000111-46-6	<5%
Dipotassium phosphate	CAS# 007758-11-4	<5%
Water	CAS# 007732-18-5	<5%

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not 'Hazardous' per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

2. PHYSICAL DATA:

BOILING POINT: 325F, 163C
VAP PRESS: Not determined.
VAP DENSITY: Not determined.
SOL. IN WATER: Infinite
SP. GRAVITY: 1.130 @ 60/60F, 16C
APPEARANCE: Green liquid.
ODOR: Information not available.

Post-It™ brand fax transmittal memo 7671		# of pages > 5	
To	Stacy Sandler	From	Charlie Allen
Co.	Envirotech Inc	Co.	TWPL
Dept.		Phone #	862-7443
Fax #	505-632-1865	Fax #	862-7826

3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: 265F, 129C
METHOD USED: PMCC

FLAMMABLE LIMITS
LFL: Not determined.
UFL: Not determined.

EXTINGUISHING MEDIA: Water fog, alcohol resistant, foam, CO2, dry chemical.

FIRE & EXPLOSION HAZARDS: Autoignition temperature in air is 748F, 398C.

FIRE-FIGHTING EQUIPMENT: Wear positive-pressure, self-contained breathing apparatus.

4. REACTIVITY DATA:

(Continued on page 2, over)

(R) Indicates a Trademark of The Dow Chemical Company

Dow Chemical U.S.A.* Midland, MI 48674 Emergency Phone: 517-636-4400

Product Code: 07662

Page: 2

Product Name: AMBITROL (R) CN COOLANT

Effective Date: 01/18/91 Date Printed: 10/14/92

MSDS:000026

4. REACTIVITY DATA: (CONTINUED)

STABILITY: (CONDITIONS TO AVOID) Not considered to be a problem under normal storage conditions.

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) Oxidizing material.

HAZARDOUS DECOMPOSITION PRODUCTS: Products of combustion are carbon monoxide, carbon dioxide, and water.

HAZARDOUS POLYMERIZATION: Will not occur.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS/LEAKS: Small spills: Soak up with suitable absorbent material and sweep into drums for disposal. Large spills: Dike around spill and pump into suitable container for disposal or reprocessing.

DISPOSAL METHOD: Burn in an approved incinerator in accordance with all local, state, and federal requirements.

6. HEALTH HAZARD DATA:

EYE: Essentially non-irritating to eyes. Vapors or mists may irritate eyes.

SKIN CONTACT: Prolonged or repeated exposure not likely to cause significant skin irritation. May cause more severe response if skin is abraded (scratched or cut).

SKIN ABSORPTION: A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts. The dermal LD50 has not been determined. Repeated skin exposure to large quantities may result in absorption of harmful amounts.

INGESTION: Excessive exposure may cause central nervous system effects, cardiopulmonary effects (metabolic acidosis), and kidney failure. Amounts ingested incidental to industrial handling are not likely to cause injury; however ingestion of larger amounts could cause serious injury, even death. The oral LD50 for rats is 8200 mg/kg. Single oral dose toxicity is expected to be moderate to humans even though tests with animals show a lower degree of toxicity.

(Continued on page 3)

(R) Indicates a Trademark of The Dow Chemical Company

Dow Chemical U.S.A.* Midland, MI 48674 Emergency Phone: 517-636-4400

Product Code: 07662

Page: 3

Product Name: AMBITROL (R) CN COOLANT

Effective Date: 01/18/91 Date Printed: 10/14/92

MSDS:000026

6. HEALTH HAZARD DATA: (CONTINUED)

INHALATION: At room temperature, vapors are minimal due to low vapor pressure. If heated or sprayed as an aerosol, concentrations may be attained that are sufficient to cause irritation and other effects.

SYSTEMIC & OTHER EFFECTS: Excessive exposure may cause irritation to upper respiratory tract. Observations in animals include formation of bladder stones after repeated oral doses of diethylene glycol. Observations in animals include kidney and liver effects and deposition of calcium salts in various tissues after long-term dietary intake of ethylene glycol. Based on data from long-term animal studies, diethylene glycol is not believed to pose a carcinogenic risk to man. Ethylene glycol did not cause cancer in long-term animal studies. Based on animal studies, ingestion of very large amounts of ethylene glycol appears to be the major and possibly only route of exposure to produce birth defects. Exposures by inhalation (tested nose-only in animals to prevent ingestion) or skin contact, the primary routes of occupational exposure, had minimal or essentially no effect on the fetus. Birth defects are unlikely from exposure to diethylene glycol. Exposures having no adverse effects on the mother should have no effect on the fetus. Diethylene glycol has not interfered with reproduction in animal studies. In studies on rats, ethylene glycol has been shown not to interfere with reproduction. In studies on mice, ingestion of ethylene glycol in large amounts caused a small decrease in the number of litters per pair, live pups per litter and in live pup weight. Results of in vitro ('test tube') mutagenicity tests have been negative.

7. FIRST AID:

EYES: Irrigate immediately with water for at least five minutes.

SKIN: Wash off in flowing water or shower.

INGESTION: If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air if effects occur. Consult a physician.

NOTE TO PHYSICIAN: If burn is present, treat as any thermal burn, after decontamination. Consult standard literature. Supportive

(Continued on page 4, over)

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* An Operating Unit of The Dow Chemical Company

Dow Chemical U.S.A.* Midland, MI 48674 Emergency Phone: 517-636-4400

Product Code: 07662

Page: 4

Product Name: AMBITROL (R) CN COOLANT

Effective Date: 01/18/91 Date Printed: 10/14/92

MSDS:000026

7. FIRST AID: (CONTINUED)

care. Treatment based on judgment of the physician in response to reactions of the patient. In treatment of intoxication, the use of ethanol, hemodialysis and intravenous fluids to control acidosis should be considered (N Eng J Med 304:21 1981).

8. HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE: Ethylene glycol: ACGTH TLV and OSHA PEL are 50 ppm Ceiling. Diethylene glycol: AIHA WEEL is 50 ppm, total; 10 mg/m³, aerosol only.

VENTILATION: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use an approved air-purifying respirator.

SKIN PROTECTION: Use impervious gloves when prolonged or frequently repeated contact could occur.

EYE PROTECTION: Use safety glass. If vapor exposure causes eye discomfort, use a full-face respirator.

9. ADDITIONAL INFORMATION:

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid skin and eye contact. Avoid ingestion. Avoid breathing vapors or mists.

Trace quantities of ethylene oxide (EO) may be present in this product. While these trace quantities could accumulate in headspace areas of storage and transport vessels, they are not expected to create a condition which will result in EO concentrations greater than 0.5 ppm (8 hour TWA) in the breathing zones of the workplace for appropriate applications. OSHA has established a permissible exposure limit of 1.0 ppm 8 hr TWA for EO. (Code of Federal Regulations Part 1910.1047 of Title 29).

MSDS STATUS: Revised section 8.

For information regarding state/provincial and federal regulations see The Regulatory Information Section.

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Dow Chemical U.S.A.* Midland, MI 48674 Emergency Phone: 517-636-4400

Product Code: 07662

Page: R-1

Product Name: AMBITROL (R) CN COOLANT

Effective Date: 01/18/91 Date Printed: 10/14/92

MSDS:000026

REGULATORY INFORMATION: (Not meant to be all-inclusive--selected regulations represented.)

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. See MSD Sheet for health and safety information.

U.S. REGULATIONS

SARA 313 INFORMATION: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
ETHYLENE GLYCOL	000107-21-1	90 %

SARA HAZARD CATEGORY: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

An immediate health hazard
A delayed health hazard

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The Information Herein Is Given In Good Faith, But No Warranty, Express Or Implied, Is Made. Consult The Dow Chemical Company For Further Information.

* An Operating Unit of The Dow Chemical Company

P. O. Box 1940
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-1
Originated 4/18

Submit Original
Plus 1 Copy
to appropriate
District Office

RECEIVED
OCT 27 1995
NOV 2 1995

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator <u>TIDEWATER</u>
Verbal Approval Received: Yes ☐ No ☐	5. Originating Site <u>San Juan 30-6484 meridian loc</u>
2. Management Facility Destination <u>Envirotech Soil Remediation Facility Landfarm No. 2 Hilltop, NM</u>	6. Transporter <u>ENVIROTECH, INC</u>
3. Address of Facility Operator <u>5796 Hwy. 64-3014 Farmington, NM</u>	8. State <u>New Mexico</u>
7. Location of Material (Street Address or ULSTR) <u>1125 US HWY 550, flora VISTA, N.M.</u>	
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Soil CONTAMINATED WITH, CPS 235458,
Chorzon Gas Engine Oil
541 SAE 15W-48
MSDS ATTACHED

RECEIVED
NOV - 6 1995

RECEIVED
OCT 27 1995

OIL CON. DIV.
EN 18

Estimated Volume 20 - cy Known Volume (to be entered by the operator at the end of the haul) - cy

SIGNATURE: Robert M. Young
Waste Management Facility Authorized Agent

TITLE: Landfarm Supervisor

DATE: 10/27/95

TYPE OR PRINT NAME: Robert M. Young

TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY: Denny Z. Faint TITLE: Geologist DATE: 10/30/95

APPROVED BY: [Signature] TITLE: GEOLOGIST DATE: 11-3-95

District I - (505) 393-6161
P.O. Box 1940
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

CLIENT

Form C-138
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator <u>TIDEWATER</u>
Verbal Approval Received: Yes ☐ No ☐	San Juan 30-6484 meridian loc.
2. Management Facility Destination <u>Envirotech Soil Remediation Facility Landfarm No. 2 Hilltop, NM</u>	5. Originating Site <u>COMPRESSOR #</u>
3. Address of Facility Operator <u>5796 Hwy. 64-3014 Farmington, NM</u>	6. Transporter <u>ENVIROTECH, INC.</u>
7. Location of Material (Street Address or ULSTR) <u>1125 US HWY 550, flora VISTA, N.M.</u>	8. State <u>New Mexico</u>
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Soil Contaminated with CPS 235458,
Chevron Gas Engine Oil
#541 SAE 15W-40
MSDS ATTACHED

RECEIVED
OCT 27 1995

OIL CON. DIV.
DIST 2

Estimated Volume _____ cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: Robert M. Young TITLE: Landfarm Supervisor DATE: 10/27/95
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Robert M. Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY: Denny G. Fount TITLE: Geologist DATE: 10/30/95

APPROVED BY: _____ TITLE: _____ DATE: _____

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CERTIFICATE OF WASTE STATUS OILFIELD NON-EXEMPT WASTE MATERIAL

Originating Location: TIDE WATER Compression

Source: _____

Disposal Location: Envirotech Soil Remediation Facility. (NMED)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt oilfield production waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, to verify the nature as non-hazardous. I further certify that to my knowledge no "hazardous or listed waste" pursuant to the provisions of 40 CFR, part 261, Subparts C and D, has been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for TIDEWATER COMPRESSION concur with the status of the waste from the subject site.

Name TOOD McCOY
Title/Agency Dist Account Manager

Address _____

Signature TOOD McCOY

Date 10-27-95

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

WASTE-STREAM SAMPLE DOCUMENTATION ENVIROTECH SOIL REMEDIATION FACILITY

I Mark Welch (printed name), as an employee of Envirotech
and a representative for Tidewater Compression (generator) located at _____

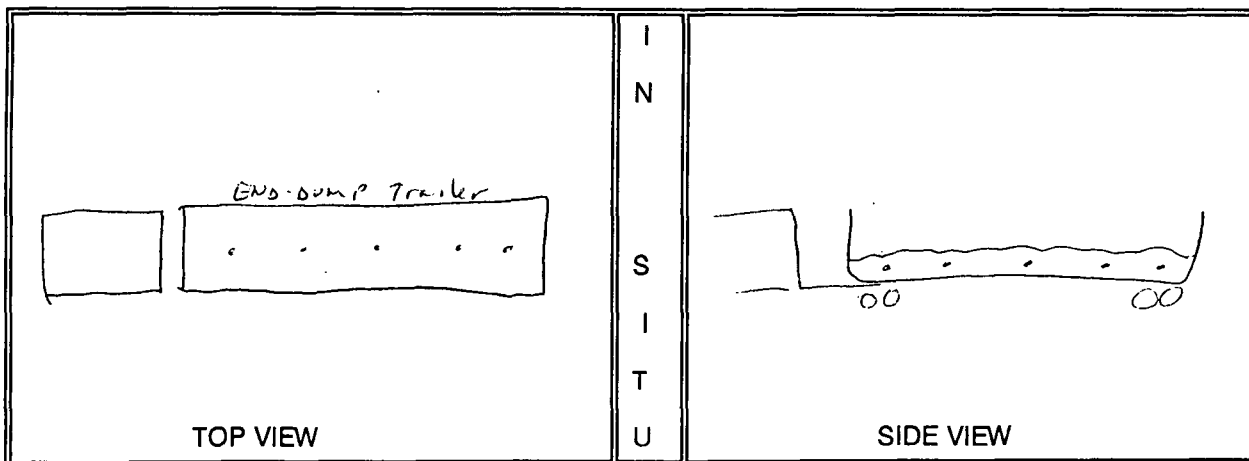
_____, hereby certify that I have sampled (soil) / water / solids / liquids / sludge : [circle one] for RCRA Characterization, pursuant to 40 CFR 261 Subpart C, including (check applicable analyses):

☒ Ignitability
☒ Corrosivity
☒ Reactivity
☐ TCLP Metals

☐ TCLP Volatiles
☐ TCLP Semi-Volatiles
☐ TCLP Pesticides / Herbicides
☐ Additional: _____

The sample is (a grab sample from the area of highest contamination (a 5-point composite: [mark one])), and is representative of the waste being sampled. This sample was submitted to _____ for analysis, and was assigned sample ID # _____, as noted on the attached Chain-of-Custody.

Included are diagrams of the waste (in-situ), top view and side view, including contamination source location and depth, sample location(s) and depth(s), pertinent on-site structures, scale, etc. for the generation site. Also, if the waste is not in-situ when sampled, attach additional diagrams of the stockpiled waste, top view and side view, including pertinent sampling information, for the waste at the time of sampling.



The waste was generated from (check all that apply):

- | | |
|---|---|
| ☐ Gasoline Underground Tank Spill | ☐ Gasoline Spill not from Underground Tank |
| ☐ Diesel Underground Tank Spill | ☐ Diesel Spill not from Underground Tank |
| ☐ New-Oil Underground Tank Spill | ☐ New-Oil Spill not from Underground Tank |
| ☐ Used-Oil Spill | ☐ Wash Bay (Solids \ Liquids \ Sludge) |
| ☐ Oilfield Pit (dehy, blow, sep, comp, drip) | ☐ Laboratory |
| ☐ Other: _____ | |

The generator (is) (is not) an oilfield service company or other company regulated by the New Mexico Oil Conservation Division.

Signed: E. Mark Welch Date: 10/19/95

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

SUSPECTED HAZARDOUS & SOLID WASTE ANALYSIS

Client:	Tidewater	Project #:	95008
Sample ID:	5 point Composite	Date Reported:	10-20-95
Lab ID#:	9389	Date Sampled:	10-19-95
Sample Matrix:	Soil	Date Received:	10-19-95
Preservative:	Cool	Date Analyzed:	10-20-95
Condition:	Cool & Intact	Chain of Custody:	4539

Parameter	Result
-----------	--------

IGNITABILITY: Did not ignite upon direct contact with flame.

CORROSIVITY: pH of 9.14

REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

RCRA Hazardous Waste Criteria

Parameter	Hazardous Waste Criterion
-----------	---------------------------

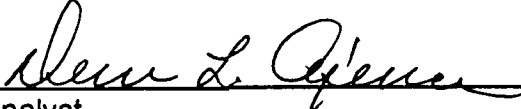
IGNITABILITY: Sample Ignition upon direct contact with flame indicates hazardous waste status.

CORROSIVITY: pH less than or equal to 2.0 or pH greater than or equal to 12.5 indicates hazardous waste status.

REACTIVITY: Violent reaction with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric Acid) indicates hazardous waste status.

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: Meridian SJ 30-C #484. Turbine Oil Spill.


Analyst


Review

CHAIN OF CUSTODY RECORD

Client/Project Name Tidewater 95008			Project Location Meridian SJ 30-C # 484		ANALYSIS/PARAMETERS							
Sampler: (Signature) Mark Welch by Rmy			Chain of Custody Tape No.		No. of Containers RC1	✓						Remarks Turbine Oil Spill
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix								
Soil Composite	10/19/95	820AM	9389	SOIL								
Relinquished by: (Signature) Mark Welch by Rmy			Date 10/19/95	Time 1700	Received by: (Signature) Don L. O'Brien						Date 10/19/95	Time 1700
Relinquished by: (Signature)					Received by: (Signature)							
Relinquished by: (Signature)					Received by: (Signature)							

ENVIROTECH INC.
 5796 U.S. Highway 64-3014
 Farmington, New Mexico 87401
 (505) 632-0615

OCT-17-1995 09:47

COASTAL CHEMICAL

505 327 9302 P.01

06/08/95 16:47 713 477 1564

COASTAL CHEMICAL -> FARMINGTON

001/013

Material Safety Data Sheet
Material Safety Data SheetCHEVRON
CHEVRON

Page 1 of 7

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEVRON Gas Engine Oil 541 SAE 15W-40

PRODUCT NUMBER(S): CP8235458

COMPANY IDENTIFICATION

Chevron USA Products Company
Environmental, Safety, and Health
Room 2988
575 Market St.
San Francisco, CA 94105-2856

EMERGENCY TELEPHONE NUMBERS

HEALTH (24 hr): (888)231-8623 or
(510)231-8623 (International)
TRANSPORTATION (24 hr): CHEMTREC
(888)424-9300 or (202)482-7616PRODUCT INFORMATION: MSDS Requests: (888) 228-3586
Environmental, Safety, & Health Info: (415) 894-1899
Product Information: (888) 582-3835

2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0 % CHEVRON Gas Engine Oil 541 SAE 15W-40

CONTAINING

COMPONENTS	AMOUNT	LIMIT/DTY	AGENCY/TYPE
------------	--------	-----------	-------------

LUBRICATING BASE OIL CONTAINING ONE OR MORE OF THE FOLLOWING
> 85.8%

SOLVENT REFINED DIST., HVY PAR

Chemical Name: DISTILLATES, SOLVENT-REFINED HEAVY PARAFFINIC
CAS64741884

5 mg/m3 (mist)	ACGIH TWA
10 mg/m3 (mist)	ACGIH STEL
5 mg/m3 (mist)	OSHA PEL

SOLVENT DENAXED DIST., HVY PAR

Chemical Name: DISTILLATES, SOLVENT DENAXED HEAVY PARAFFINIC
CAS64742658

5 mg/m3 (mist)	ACGIH TWA
----------------	-----------

Revision Number: 1

Revision Date: 01/11/95

MSDS Number: 884781

NDA - No Data Available

NA - Not Applicable

Prepared according to the OSHA Hazard Communication Standard
(29 CFR 1910.1200) and the ANSI MSDS Standard (Z490.1) by the Toxicology

OCT-17-1995 09:50

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believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

Revision Number: 2 Revision Date: 01/11/95 MSDS Number: 004701
NDA - No Data Available NA - Not Applicable

TOTAL P.08

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COASTAL CHEMICAL

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15. REGULATORY INFORMATION**SARA 311 CATEGORIES:**

- | | |
|---------------------------------------|----|
| 1. Immediate (Acute) Health Effects: | NO |
| 2. Delayed (Chronic) Health Effects: | NO |
| 3. Fire Hazard: | NO |
| 4. Sudden Release of Pressure Hazard: | NO |
| 5. Reactivity Hazard: | NO |

REGULATORY LISTS SEARCHED:

01=SARA 313	11=NJ RTK	22=TSCA Sect 5(a)(2)
02=HASS RTK	12=CERCLA 302.4	23=TSCA Sect 6
03=NTP Carcinogen	13=NN RTK	24=TSCA Sect 12(b)
04=CA Prop 65-Carcin	14=ACGIH TWA	25=TSCA Sect 8(a)
05=CA Prop 65-Repro Tox	15=ACGIH STEL	26=TSCA Sect 8(d)
06=IARC Group 1	16=ACGIH Calc TLV	27=TSCA Sect 4(a)
07=IARC Group 2B	17=OSHA PEL	28=Canadian WHMIS
08=IARC Group 2B	18=DOT Marine Pollutant	29=OSHA CEILING
09=SARA 302/304	19=Chevron TWA	30=Chevron STEL
10=PA RTK	20=EPA Carcinogen	

The following components of this material are found on the regulatory

Revision Number: 2	Revision Date: 01/11/95	MSDS Number: 004701
NDA - No Data Available	NA - Not Applicable	
CHEVRON Gas Engine Oil 541 SAE 15W-40		Page 7 of 7

lists indicated.

DISTILLATES, SOLVENT-REFINED HEAVY PARAFFINIC

is found on lists: 14,15,17.

DISTILLATES, SOLVENT DENAXED HEAVY PARAFFINIC

is found on lists: 14,15,17.

16. OTHER INFORMATION

NFPA RATINGS: Health 1; Flammability 1; Reactivity 0;
(Least-0, Slight-1, Moderate-2, High-3, Extreme-4). These values are
obtained using the guidelines or published evaluations prepared by the
National Fire Protection Association (NFPA) or the National Paint and
Coating Association (for HMIS ratings).

REVISION STATEMENT:

Changes have been made throughout this Material Safety Data Sheet.
Please read the entire document.

The above information is based on the data of which we are aware and is

OCT-17-1995 09:49

COASTAL CHEMICAL

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shown to cause skin cancer in mice following repeated application and continuous exposure. Brief or intermittent skin contact with used motor oil is not expected to have serious effects in humans if the oil is thoroughly removed by washing with soap and water. See Chevron Material Safety Data Sheet No. 1793 for additional information on used motor oil.

12. ECOLOGICAL INFORMATION

ECOTOXICITY:

No data available.

ENVIRONMENTAL FATE:

This material is not expected to present any environmental problems other than those associated with oil spills.

Revision Number: 2

Revision Date: 01/11/95

MSDS Number: 984781

NDA - No Data Available

NA - Not Applicable

CHEVRON Gas Engine Oil 541 SAE 15W-40

Page 6 of 7

13. DISPOSAL CONSIDERATIONS

DISPOSAL CONSIDERATIONS:

Oil collection services and collection centers are available for used motor oil recycling or disposal. Some service stations, automotive service centers, and retailers provide motor oil collection facilities.

Place contaminated materials in containers and dispose of in a manner consistent with applicable regulations. Contact your sales representative or local environmental or health authorities for approved disposal or recycling methods.

14. TRANSPORT INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

DOT SHIPPING NAME: NOT DESIGNATED AS A HAZARDOUS MATERIAL BY THE
FEDERAL DOT

DOT HAZARD CLASS: NOT APPLICABLE

DOT IDENTIFICATION NUMBER: NOT APPLICABLE

DOT PACKING GROUP: NOT APPLICABLE

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VISCOSITY: 13.0 cSt @ 100C (Min.)
PERCENT VOLATILE (VOL): NA

10. STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS:

NDA

CHEMICAL STABILITY:

Stable.

CONDITIONS TO AVOID:

Revision Number: 2 Revision Date: 01/11/95 MSDS Number: 8847B1
NDA - No Data Available NA - Not Applicable
CHEVRON Gas Engine Oil 541 SAE 15W-40 Page 5 of 7

No data available.

INCOMPATIBILITY WITH OTHER MATERIALS:

May react with strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

HAZARDOUS POLYMERIZATION:

Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS:

No product toxicology data available. The hazard evaluation was based on data on the components.

SKIN EFFECTS:

No product toxicology data available. The hazard evaluation was based on data on the components.

ACUTE ORAL EFFECTS:

No product toxicology data available. The hazard evaluation was based on data from similar materials.

ACUTE INHALATION EFFECTS:

No product toxicology data available. The hazard evaluation was based on data from similar materials.

ADDITIONAL TOXICOLOGY INFORMATION:

This product contains petroleum base oils which may be refined by various processes including severe solvent extraction, severe hydrocracking, or severe hydrotreating. None of the oils requires a cancer warning under the OSHA Hazard Communication Standard (29 CFR 1910.1208). These oils have not been listed in the National Toxicology Program (NTP) Annual Report nor have they been classified by the International Agency for Research on Cancer (IARC) as: carcinogenic to humans (Group 1), probably carcinogenic to humans (Group 2A), or possibly carcinogenic to humans (Group 2B).

During use in engines, contamination of oil with low levels of cancer-causing combustion products occurs. Used motor oils have been

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COASTAL CHEMICAL

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appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases.

7. HANDLING AND STORAGE

HANDLING AND STORAGE:

Revision Number: 2 Revision Date: 01/11/95 MSDS Number: 004701
NDA - No Data Available NA - Not Applicable
CHEVRON Gas Engine Oil 541 SAE 15W-40 Page 4 of 7

DO NOT weld, heat, or drill container. Residue may ignite with explosive violence if heated sufficiently. CAUTION! Do not use pressure to empty drum or drum may rupture with explosive force. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION:

No special eye protection is usually necessary.

SKIN PROTECTION:

No special skin protection is usually necessary. Avoid prolonged or frequently repeated skin contact with this material. Skin contact can be minimized by wearing protective clothing.

RESPIRATORY PROTECTION:

No special respiratory protection is normally required. However, if operating conditions create airborne concentrations which exceed the recommended exposure standards, the use of an approved respirator is required.

ENGINEERING CONTROLS:

Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL DESCRIPTION:

Pale, lemon yellow liquid.

pH: NDA

VAPOR PRESSURE: NA

VAPOR DENSITY

(AIR=1): NA

BOILING POINT: NDA

FREEZING POINT: NDA

MELTING POINT: NA

SOLUBILITY: Soluble in hydrocarbon solvents; insoluble in water.

SPECIFIC GRAVITY: 0.88 @ 15.6/15.6C

EVAPORATION RATE: NA

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COASTAL CHEMICAL

505 327 9302 P.03

4. FIRST AID MEASURES

Revision Number: 2 Revision Date: 01/11/95 MSDS Number: 884781
NDA - No Data Available NA - Not Applicable
CHEVRON Gas Engine Oil 541 SAE 15W-40 Page 3 of 7

EYE:

No first aid procedures are required. However, as a precaution flush eyes with fresh water for 15 minutes. Remove contact lenses if worn.

SKIN:

No first aid procedures are required. As a precaution, wash skin thoroughly with soap and water. Remove and wash contaminated clothing.

INGESTION:

If swallowed, give water or milk to drink and telephone for medical advice. Consult medical personnel before inducing vomiting. If medical advice cannot be obtained, then take the person and product container to the nearest medical emergency treatment center or hospital.

INHALATION:

If respiratory discomfort or irritation occurs, move the person to fresh air. See a doctor if discomfort or irritation continues.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: COC 488F (208C) Min.

AUTOIGNITION: NDA

FLAMMABILITY LIMITS (% by volume in air): Lower: NA Upper: NA

EXTINGUISHING MEDIA:

CO2, Dry Chemical, Foam, Water Fog

NFPA RATINGS: Health 1; Flammability 1; Reactivity 2.

FIRE FIGHTING INSTRUCTIONS:

For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment. This may include self-contained breathing apparatus to protect against the hazardous effects of normal products of combustion or oxygen deficiency. Read the entire document.

COMBUSTION PRODUCTS:

Normal combustion forms carbon dioxide, water vapor and may produce oxides of nitrogen. Incomplete combustion can produce carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

CHEMTREC EMERGENCY NUMBER (24 hr): (800)424-9300 or (202)483-7616

ACCIDENTAL RELEASE MEASURES:

Stop the source of the leak or release. Clean up releases as soon as possible. Contain liquid to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as: sorbent materials or pumping. Where feasible and

OCT-17-1995 09:48

CUNSTAL CHEMICAL

505 327 9302 P.02

and Health Risk Assessment Unit, CRTC, P.O. Box 4854, Richmond, CA 94804
CHEVRON Gas Engine Oil 541 SAE 15W-40

Page 2 of 7

10 mg/m³ (mist) ACGIH STEL
5 mg/m³ (mist) OSHA PEL

ADDITIVES

< 15.0%

COMPOSITION COMMENT:

All the components of this material are on the Toxic Substances Control Act Chemical Substances Inventory.

This product fits the ACGIH definition for mineral oil mist. The ACGIH TLV is 5 mg/m³, the OSHA PEL is 5 mg/m³.

TLV - Threshold Limit Value
STEL - Short-term Exposure Limit
RQ - Reportable Quantity
C - Ceiling Limit
A1-5 - Appendix F Categories

TWA - Time Weighted Average
TPD - Threshold Planning Quantity
PEL - Permissible Exposure Limit
CAS - Chemical Abstract Service Number
() - Change Has Been Proposed

3. HAZARDS IDENTIFICATION**POTENTIAL HEALTH EFFECTS****EYE:**

This substance is not expected to cause prolonged or significant eye irritation. This hazard evaluation is based on the known toxicity of the ingredients in this substance.

SKIN:

This substance is not expected to cause prolonged or significant skin irritation. The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if it gets on the skin. This hazard evaluation is based on the known toxicity of the ingredients in this substance.

INGESTION:

The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if swallowed. This hazard evaluation is based on data from similar materials.

INHALATION:

The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if inhaled. Prolonged or repeated breathing of petroleum oil mist can cause respiratory irritation. This hazard evaluation is based on data from similar materials.

SIGNS AND SYMPTOMS OF EXPOSURE:

INHALATION: Respiratory tract irritation may include, but may not be limited to, one or more of the following: nasal discharge, sore throat, coughing, bronchitis, pulmonary edema and difficulty in breathing.

CTIONS TO LEASE LOCATION
 is filled out by TIDEWATER Rep.
 at time of installation.)

Todd
 599 8092
 pager 324-4635

CUSTOMER: MEZUIDIAN OIL FNC,LEASE NAME: S.J 30-6 #484COUNTY: Rio Arriba STATE: NMUNIT # 401-895DATE 8-22DIRECTIONS TO SITE: From (S) store go to 527 which isSims mesa highway Follow APPROX 6.5 milesJust past Louie Gomez Ranch and unit will set
on right side of Hwy behind Locked Gate1st locationERIDIANTHEN AT COMPRESSORGA SEE FROM ROAD

Post-it® Fax Note	7671	Date	# of pages
To	MORRIS	From	TODD
Co./Dept.		Co.	
Phone #		Phone #	
Fax #		Fax #	

REMARKS: Need Key to get in Keep Gate closed
at all times.

SIGNED

DATE

8-22-95

District I - (505) 393-6161
P. O. Box 1940
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

CLIENT 04047

Form C-13
Originated 4/18/9

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☒ Non-Exempt: ☐	4. Generator <u>El. Paso Natural Gas</u>
Verbal Approval Received: Yes ☒ No ☐ <u>D. Faust previous agreement</u>	5. Originating Site <u>Various Pits</u>
2. Management Facility Destination <u>Envirotech Soil Remediation Facility Landfarm No. 2 Hilltop, NM</u>	6. Transporter <u>Doug Foutz/Envirotech</u>
3. Address of Facility Operator <u>5796 Hwy. 64-3014 Farmington, NM</u>	8. State <u>New Mexico</u>
7. Location of Material (Street Address or ULSTR) <u>See ATTACHED UST</u>	
9. Circle One: ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport. <u>Sept 1995</u>	

BRIEF DESCRIPTION OF MATERIAL:

Contaminated Soil (Exempt) from various dehydrator and drip pits in the State of New Mexico

RECEIVED
OCT 31 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 17,246 cy Known Volume (to be entered by the operator at the end of the haul) 17246 cy

SIGNATURE: Robert M. Young TITLE: Landfarm Supervisor DATE: 10/31/95
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Robert M. Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY: Henry G. Zent TITLE: Geologist DATE: 11/1/95
APPROVED BY: [Signature] TITLE: u DATE: u

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: A list of pit closure sites is attached. September, 1995

Source: Various dehydrator and drip pits in the state of New Mexico.

Disposal Location: Envirotech Soil Remediation Facility. (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned as the agent for the _____
concur with the status of the waste from the subject site.

Name Sandra D. Miller

Title/Agency Superintendent/Compliance Engineering

P. O. Box 4990
Address Farmington NM 87499-99

Signature *Sandra D Miller*

Date 10/6/95

Revised 10/23/95		Envirotech/ September 1995			
Closed	Meter	Meter2	Location	S T R L	Comments
9/1/95	94784		Jicarilla C #33	21-25-5-L	Reported in August
9/1/95	74557		Jicarilla Apache F #5 CH	16-25-5-J	Reported in August
9/5/95	95936		Jicarilla Contract 148 #38	13-25-5-N	
9/7/95	95942		Jicarilla Contract 148 #35	14-25-5-P	
9/7/95	94555		Jicarilla Gas Com 35D #1	12-24-5-L	
9/7/95	93423		Jicarilla Contract 148 #18	23-25-5-F	
9/7/95	90697		Jicarilla Apache Tribal 35 #1	1-24-5-K	
9/8/95	72461		Jicarilla #67-9 CH	29-25-5-I	Reported in August
9/8/95	95941		Jicarilla Contract 148 #34	14-25-5-H	
9/8/95	94057		Jicarilla Contract 148 #25 CH	15-25-5-A	
9/8/95	73543		Jicarilla Contract 148 #16	10-25-5-M	
9/8/95	95925		Jicarilla Contract 148 #39	24-25-5-E	Reported in August
9/8/95	95924		Jicarilla Contract 148 #36	23-25-5-H	Reported in August
9/8/95	95928		Jicarilla Contract 148 #33	15-25-5-H	
9/8/95	95927		Jicarilla Contract 148 #32	14-25-5-D	
9/8/95	N/A		Lateral 2C-24	11-24-5-A	Dual Location
9/8/95	74351		Jicarilla Apache A #1	25-25-5-D	
9/8/95	74868		Jicarilla #67-9 PC	29-25-5-I	
9/12/95	72890		Ohio C Com #3 South Pit	28-28-11-P	Reported in August
9/12/95	93113		Jicarilla Gas Com 35C #1E	2-24-5-J	
9/19/95	N/A		Lat 2C-46 Line Drip Y	32-25-5-J	
9/19/95	N/A		2C-94 Line Drip	17-26-5-H	
9/19/95	87098		Jicarilla L #3 DK	3-24-5-E	
9/19/95	N/A		Lat 2C-24	3-24-5-L	Dual Location
9/19/95	75625		Jicarilla A #8	17-28-5-E	
9/19/95	74884		Jicarilla Contract #10	33-25-5-M	
9/19/95	02434		Northeast Haynes Apache #1	9-24-5-L	
9/19/95	N/A		2C-45 Line Drip	13-25-6-P	
9/19/95	93184		Jicarilla C #9	10-24-5-D	
9/20/95	74316		Apache Federal #4	7-24-5-M	
9/20/95	N/A		K-58 Line Drip	11-25-6-O	
9/21/95	71956		Klein #6	35-28-6-K	
9/21/95	N/A		2C-14 Line Drip	28-24-5-C	
9/22/95	93316		Jicarilla 35 #8	36-25-5-I	
9/22/95	90283		Jicarilla Otero Lease Well #5	28-24-5-C	
9/22/95	90089		Jicarilla 30 #7	30-25-4-O	
9/22/95	14080		Jicarilla C #11	3-24-5	
9/22/95	02346		N E Haynes Lease #3	16-24-5-P	
9/22/95	94274		Jicarilla Contract 148 #36	4-25-5-A	
9/25/95	02322		Jicarilla Contract 148 #11	4-25-5-K	
9/25/95	N/A		K-51 Line Drip	34-26-6-A	
9/26/95	74331		Jicarilla #67-1	20-25-5-P	
9/26/95	95923		Jicarilla Contract #148-18 Y	23-25-5-E	
9/26/95	95923		Jicarilla Contract 148-18 Y	23-25-5-E	Received Closure Form 10/12/95
9/26/95	74331		Jicarilla #67-1	20-25-5-P	Received Closure Form 10/12/95
9/26/95	14049		Canyon Largo Unit #26	4-25-6-O	
9/26/95	95183	95184	Reams Com #3	19-26-6-K	
9/27/95	73846		Lindrith Unit #54	31-24-2-K	
10/2/95	74561		Jicarilla # 7-B	27-25-4-J	Remediation Started 9/28/95
10/2/95	90188		Jicarilla 30 #9	29-25-4-H	Remediation Started 9/25/95
10/2/95	74787		Jicarilla #5-C	22-25-4-P	Remediation Started 9/28/95
10/2/95	74681		Jicarilla # 13-H	7-24-4-A	Remediation Started 9/26/95
10/3/95	93146		Apache #131	4-24-4-C	Closed 10/3/95
10/3/95	93147		Apache #132	4-24-4-K	Closed 10/3/95
10/3/95	87919		Jicarilla 127 S #7	4-24-4-D	Closed 10/3/95
10/3/95	93174		Jicarilla #116	7-24-4-I	Closed 10/3/95

ENVIROTECH SOIL REMEDIATION FACILITY
HILLTOP, NEW MEXICO
EPNG (04047) TRACKING LOG 9/95

SEPTEMBER 1995
LANDFARM #2 & #4

COORDINATES T-R-S-L	METER # (s)	PIT NAME	SHIPMENT DATE	CLOSURE DATE	QUANTITY CUBIC YARDS	DESTINATION (LANDFARM : CELL)
25-5-29-I	74868	JICARILLA #67-9 PC	09/01/95	09/08/95	150	LF #4: A-8, A-7, L-3, B-6, L-2
25-5-14-D	95927	JICARILLA CONTRACT 148 #32	09/01/95	09/08/95	186	LF #4: L-3, A-8, B-8, A-7
25-5-14-H	95941	JICARILLA CONTRACT 148 #34	09/01/95	09/08/95	234	LF #4: L-2
25-5-14-P	95942	JICARILLA CONTRACT 148 #35	09/01/95	09/07/95	344	LF #4: L-3, A-8, L-1, B-6
25-5-29-I	74868	JICARILLA #67-9 PC	09/01/95	09/08/95	46	LF #4: L-2, L-3, B-8
28-11-26-P	72890	OHIO C COM #3 SOUTH PIT	09/01/95	09/12/95	798	LF #2: N-18, M-17, L-15, L-16
28-11-26-P	72890	OHIO C COM #3 SOUTH PIT	09/05/95	09/12/95	198	LF #2: L-19, M-19
25-5-14-D	95927	JICARILLA CONTRACT 148 #32	09/05/95	09/08/95	106	LF #4: C-9, K-4
25-5-14-P	95942	JICARILLA CONTRACT 148 #35	09/05/95	09/07/95	46	LF #4: C-9, K-4
25-5-13-N	95936	JICARILLA CONTRACT 148 #38	09/05/95	09/05/95	162	LF #4: K-4, D-7
24-5-1-K	90697	JICARILLA APACHE TRIBAL 35 #1	09/05/95	09/07/95	166	LF #4: D-7, A-10, J-5, B-10, J-4
25-5-23-F	93423	JICARILLA CONTRACT 148 #18	09/05/95	09/07/95	128	LF #4: D-7, A-10, J-4
25-5-15-A	94057	JICARILLA CONTRACT 148 #25	09/05/95	09/08/95	88	LF #4: B-7, A-10, J-5
24-5-12-L	94555	JICARILLA GAS COM 35 D #1	09/05/95	09/07/95	236	LF #4: A-10, J-5, J-4, B-10
25-5-15-H	95928	JICARILLA CONTRACT 148 #33	09/05/95	09/08/95	122	LF #4: B-10, J-4
25-5-15-H	95928	JICARILLA CONTRACT 148 #33	09/06/95	09/08/95	100	LF #4: C-10
24-5-1-K	90697	JICARILLA APACHE TRIBAL 35 #1	09/06/95	09/07/95	266	LF #4: C-10, B-2
24-5-12-L	94555	JICARILLA GAS COM 35 D #1	09/06/95	09/07/95	144	LF #4: B-2
25-5-10-M	73543	JICARILLA CONTRACT 148-16	09/06/95	09/08/95	20	LF #4: C-10
25-5-25-D	74351	JICARILLA APACHE A #1	09/06/95	09/08/95	100	LF #4: C-10
24-5-11-A	N/A	LATERAL 2C-24	09/06/95	09/08/95	18	LF #4: B-2
28-11-26-P	72890	OHIO C COM #3 SOUTH PIT	09/06/95	09/12/95	328	LF #2: M-15, R-17, N-15
28-11-26-P	72890	OHIO C COM #3 SOUTH PIT	09/07/95	09/12/95	354	LF #2: O-17, O-18, L-14, L-15
25-5-25-D	74351	JICARILLA APACHE A #1	09/07/95	09/08/95	80	LF #4: M-1, A-1, C-10
25-5-29-I	72461	JICARILLA #67-9 CH	09/07/95	09/08/95	174	LF #4: M-1, A-1, A-2, B-10, C-10
24-5-1-K	90697	JICARILLA APACHE TRIBAL 35 #1	09/07/95	09/07/95	88	LF #4: M-2, A-1, C-10
24-5-11-A	N/A	LATERAL 2C-24	09/07/95	09/08/95	392	LF #4: A-1, A-2, C-1, C-10, B-2
28-11-26-P	72890	OHIO C COM #3 SOUTH PIT	09/08/95	09/12/95	686	LF #2: O-17, K-18, M-18, K-10, K-19
24-5-11-A	N/A	LATERAL 2C-24	09/08/95	09/08/95	330	LF #4: A-2, B-2, B-7, B-8, D-10
25-5-29-I	72461	JICARILLA #67-9 CH	09/08/95	09/08/95	68	LF #4: A-7, A-2
24-5-2-J	93113	JICARILLA GAS COM 35C #1E	09/08/95	09/12/95	282	LF #4: A-7, B-7, B-2
24-5-3-L	N/A	LATERAL 2C-24	09/11/95	09/19/95	330	LF #4: B-6, B-7
24-5-2-J	93113	JICARILLA GAS COM 35C #1E	09/11/95	09/12/95	604	LF #4: B-7, L-2, B-2, D-2
24-5-3-L	N/A	LATERAL 2C-24	09/12/95	09/19/95	246	LF #4: C-1, K-1, L-2, B-8
25-5-32-J	N/A	LATERAL 2C-46	09/12/95	09/19/95	398	LF #4: C-1, K-1, H-1, M-2, B-8, L
24-5-2-J	93113	JICARILLA GAS COM 35C #1E	09/12/95	09/12/95	36	LF #4: M-2
24-4-3-E	87098	JICARILLA L #3 DK	09/12/95	09/19/95	104	LF #4: B-8, M-2
24-5-9-L	02434	JICARILLA N.E. HAYNES #9-1	09/12/95	09/19/95	18	LF #4: L-3
24-5-9-L	02434	JICARILLA N.E. HAYNES #9-1	09/12/95	09/19/95	346	LF #4: K-1, K-2, B-7, B-8, J-2
25-5-32-J	N/A	LATERAL 2C-46	09/13/95	09/19/95	474	LF #4: K-1, K-2, B-8, T-2, B-7, J-3
24-5-10-D	93184	JICARILLA C #9	09/13/95	09/19/95	88	LF #4: J-3, B-7
25-5-32-J	N/A	LATERAL 2C-46	09/18/95	09/19/95	28	LF #4: I-1, B-9
24-5-10-D	93184	JICARILLA C #9	09/18/95	09/19/95	256	LF #4: I-1, I-2, B-9
25-5-33-M	74884	JICARILLA CONTRACT #10	09/18/95	9/19/95	280	LF #4: I-2, B-9, H-1, H-2, B-10
26-5-17-H	N/A	2C-94 LINE DRIP	09/18/95	09/19/95	548	LF #4: I-2, B-9, H-2
25-6-13-P	N/A	2C-45 LINE DRIP	09/19/95	09/19/95	170	LF #2: K-19
26-5-17-H	N/A	2C-94 LINEDRIP	09/19/95	09/19/95	320	LF #4: C-5, G-2
25-5-33-M	74884	JICARILLA CONTRACT #10	09/19/95	09/19/95	116	LF #4: G-2, C-3, C-6
24-5-16-P	02346	JICARILLA N.E. HAYNES LEASE #3	09/19/95	09/22/95	394	LF #4: C-6, F-1, F-2
26-5-17-B	75625	JICARILLA A #8	09/19/95	09/19/95	108	LF #4: G-1, F-2
25-5-4-A	94274	JICARILLA CONTRACT 146 #36	09/19/95	08/22/95	10	LF #4: C-6
25-6-11-O	N/A	K-58 LINE DRIP	09/20/95	09/20/95	80	LF #2: K-19
24-5-16-P	02346	JICARILLA N.E. HAYNES LEASE #3	09/20/95	09/22/95	288	LF #4: E-1, E-2, D-1
24-5-7-M	74316	APACHE FEDERAL #4	09/20/95	09/20/95	260	LF #4: C-6, C-7
25-5-4-A	94274	JICARILLA CONTRACT 146 #36	09/20/95	09/22/95	410	LF #4: E-2, D-1, D-2, C-7, D-2
24-5-28-C	N/A	2C-14 LINE DRIP	09/20/95	09/21/95	298	LF #4: D-1, C-7, D-2
24-3-5	14080	JICARILLA #C-11	09/20/95	09/22/95	70	LF #4: C-7
24-5-28-C	N/A	2C-14 LINE DRIP	09/21/95	09/21/95	38	LF #4: B-2, C-8
24-5-28-C	90283	JICARILLA OTERO LEASE WELL #5	09/21/95	09/22/95	220	LF #4: C-8
25-5-4-A	94274	JICARILLA CONTRACT 146 #36	09/21/95	09/22/95	488	LF #4: C-1, C-2, B-2, E-3, C-8, D-3
25-5-36-I	93316	JICARILLA 35 #8	09/21/95	09/22/95	100	LF #4: C-1, A-1, B-1, C-8, E-3
25-4-30-O	90089	JICARILLA 30 #7	09/21/95	09/22/95	90	LF #4: E-3, D-3
26-6-35-K	71956	KLEIN #6	09/21/95	09/21/95	100	LF #2: K-19, J-19
26-6-34-A	N/A	K-51 LINE DRIP	09/21/95	09/25/95	40	LF #2: J-19
25-4-30-O	90089	JICARILLA 30 #7	09/22/95	09/22/95	174	LF #4: D-3, C-9, F-3, G-3
25-5-28-C	90283	JICARILLA OTERO LEASE WELL #5	09/22/95	09/22/95	146	LF #4: C-9, F-3
25-5-4-A	94224	JICARILLA CONTRACT 146 #36	09/22/95	09/22/95	198	LF #4: D-3, F-3, G-3
25-5-4-K	02322	JICARILLA CONTRACT 146 #11	09/22/95	09/25/95	360	LF #4: F-3, C-9, G-3
26-6-19-K	95183 & 95184	REANIS COM #3	09/25/95	09/26/95	90	LF #2: K-17
25-5-23-E	95923	JICARILLA CONTRACT #148-18Y	09/25/95	09/26/95	270	LF #4: G-3, C-3
25-5-20-P	74331	JICARILLA #67-1	09/25/95	09/26/95	152	LF #4: C-10, C-3, B-3
25-5-4-K	02322	JICARILLA CONTRACT 146 #11	09/25/95	09/25/95	108	LF #4: G-3, C-3

TOTAL YARDAGE THIS PAGE:

15294

ENVIROTECH SOIL REMEDIATION FACILITY
HILLTOP, NEW MEXICO
EPNG (04047) TRACKING LOG 9/95

SEPTEMBER 1995
LANDFARM #2 & #4

COORDINATES T-R-S-L	METER # (S)	PIT NAME	SHIPMENT DATE	CLOSURE DATE	QUANTITY CUBIC YARDS	DESTINATION (LANDFARM : CELL)
26-6-19-K	95183 & 9518	REAMS COM #3	✓ 09/26/95	09/26/95	100	LF #2: K-17
25-5-23-E	95923	JICARILLA CONTRACT #148-18Y	✓ 09/26/95	09/26/95	138	LF #4: B-3, C-10
24-4-4-K	93147	APACHE #132	✓ 09/26/95	10/03/95	280	LF #4: B-3, C-10, E-4, A-3
25-4-29-H	90188	JICARILLA 30 #9	✓ 09/26/95	10/02/95	198	LF #4: B-3, E-4, A-1, A-3
24-4-4-C	93174	APACHE #131	✓ 09/26/95	10/03/95	114	LF #4: E-4, C-10, A-3
24-4-4-D	87919	JICARILLA 127 S #7	✓ 09/26/95	10/03/95	10	LF #4: C-10
24-2-31-K	73846	LINDRITH UNIT #54	✓ 09/27/95	09/27/95	20	LF #2: K-17
24-4-4-K	93147	APACHE #132	✓ 09/27/95	10/03/95	136	LF #2: E-4, D-4, C-10
24-4-4-K	87919	JICARILLA 127 S #7	✓ 09/27/95	10/03/95	18	LF #4: E-4
25-4-29-H	90188	JICARILLA 30 #9	✓ 09/27/95	10/02/95	154	LF #4: D-4, C-10
24-4-7-I	93174	JICARILLA #116	✓ 09/27/95	10/03/95	264	LF #4: C-10, D-4, C-4, B-4
25-4-22-P	74787	JICARILLA #5-C	✓ 09/27/95	10/02/95	182	LF #4: C-10, C-4, B-4
25-4-27-J	74561	JICARILLA #7-B	✓ 09/27/95	10/02/95	54	LF #4: B-4
25-4-24-J	74561	JICARILLA #7-B	✓ 09/28/95	10/02/95	154	LF #4: C-4, D-5, C-10
25-4-22-P	74787	JICARILLA #5-C	✓ 09/28/95	10/02/95	130	LF #4: C-4, C-10, D-5

TOTAL YARDAGE THIS PAGE:
TOTAL YARDAGE THIS MONTH:

1952
17246

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX/
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ E. Busch; 10/27/95 (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter Envirotech	
2. Destination Landfarm #2, Envirotech Soil Remediation Facility	5. Generator Meridian Oil Inc.	
3. Address of Facility Operator 5796 US Hwy 64-3014, Farmington, NM 87401	6. Name of Originating Site Val Verde Plant	
7. Originating Location of Material (Street Address or ULSTR) A S14 T29N R11W, NMPM	8. State from NM to NM	

9. Check One

- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Dates(s) for Transportation: 10/30/95

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of MDEA charcoal Filter Media

RECEIVED
OCT 31 1995
OIL CON. DIV.
DIST. 3
Sent to OGD
10/31/95

Estimated Volume 10 yd³ Known Volume (to be entered by the operator at the end of the haul): AB yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert M. Young TITLE Landfarm Supervisor DATE 10/27/95

TYPE OR PRINT NAME Robert M. Young TELEPHONE NO. (505) 632-0615

(This space for State Use)

APPROVED BY Denny G. Faint TITLE Geologist DATE 11/3/95

APPROVED BY E. Busch TITLE 12 DATE 2

CONDITIONS OF APPROVAL, IF ANY:

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS
OILFIELD EXEMPT WASTE

Originating Location: Val Verde Plant
Source: Charcoal Filter Media
Disposal Location: Envirotech Soil Remediation Facility. (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Meridian Oil Inc.
concur with the status of the waste from the subject site.

Name Craig A. Bock
Title/Agency Environmental Representative
Address P.O. Box 4289
Farmington, NM 87499
Signature *C. A. Bock*
Date 10/27/95

Exempt Waste Manifest

Meridian Oil Inc.

PO Box 4289, Farmington, NM 87499

Safety and
Environmental

1. Waste Location: Lease/Well No. Val Verde Plant
2. Volume: 8 Cubic Yards Barrels Gallons
3. Description of Waste: Charcoal Filter Media
4. Method of Waste Generation: Charcoal is used to filter the MDEA at the plant. MDEA is used to remove CO2 from the gas stream.
5. Disposal Facility: Envirotech
6. Disposal Cost:
7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal

C. A. Bach
(signature)

Date 10/27/95

MOI
Representative

Transportation Company:

Date(s) Transported:

MOI Representative on Site Date
(signature)

Disposal Facility
Complete and
return to
Meridian
Safety and
Environmental
Invoice.

Date(s) Received:

Total Volume Received:

Waste Location : Cell/Grid No.

Received By :
(signature)

Revised January 16, 1994

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX/
1. RCRA Exempt: X Non-Exempt: ☐ Verbal Approval Received: Yes X No ☐ E. Busch; 10/30/95 (Submitting this form for oilfield exempt waste is optional) 10:50 AM		4. Name of Transporter PESCO
2. Destination Landfarm #2, Envirotech Soil Remediation Facility		5. Generator PESCO
3. Address of Facility Operator 5680 U. S. 64, FARMINGTON, NM 87499		6. Name of Originating Site 5680 US 64 FRMT, NM 87499
7. Originating Location of Material (Street Address or ULSTR) 5680 US 64, FARMINTON, NM 87499		8. State from NM to NM

9. Check One

- X A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job.
- ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

Projected Dates(s) for Transportation: 10/30/95

BRIEF DESCRIPTION OF THE MATERIAL:

WASH RACK SLUDGE

RECEIVED
OCT 31 1995

OIL CON. DIV.
DIST. 3

*Sent to OED
10/31/95*

Estimated Volume 20-30 BBLS yd³ Known Volume (to be entered by the operator at the end of the haul): yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert M. Young TITLE Landfarm Supervisor DATE 10/30/95

TYPE OR PRINT NAME Robert M. Young TELEPHONE NO. (505) 632-0615

(This space for State Use)

APPROVED BY Denny G. Faint TITLE Geologist DATE 11/3/95

APPROVED BY Ernie Busch TITLE u DATE u

CONDITIONS OF APPROVAL, IF ANY:

505-632-1865 ENVIROTECH INC

084 P02 OCT 30 '95 12:01

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS
UST EXEMPT WASTE

Originating Location: Process Equipment & Service Co
Source: Oil Field Tank Bottom & Tank Cleaning
Disposal Location: Envirotech Soil Remediation Facility, (ESRF)
Landfarm #3 Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is "petroleum contaminated media and debris that are subject to the corrective action regulations under 40 CFR 280-Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks". To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR Part 261 to verify the nature as a "characteristic non-hazardous waste". Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C or D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3"

I, the undersigned, as the agent for PROCESS EQUIPMENT & SERVICE Co. concur with the status of the waste from the subject site.

Name Blake Wallace
Title/Agency Plant Manager
Address 5680 Hwy 64
Farmington, NM
Signature Blake Wallace
Date 10-31-95

NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

October 17, 1995

Mr. Blake Wallace, Plant Manager
Process Equipment & Service Company, Inc
P.O. Box 929
Farmington, New Mexico 87499

Re: PESCO Waste Classification

Dear Mr. Wallace:

The Oil Conservation Division (OCD) is in receipt of your request for a regulatory determination of specific waste streams generated at the PESCO Farmington facility. The following is the OCD interpretation of the EPA regulatory determination:

1. Oily solids from tanks, separators and other production equipment: These wastes are exempt from regulation under RCRA Subtitle C only if the equipment is integral to exploration and production of crude oil and natural and is considered part of "primary field operations". "BS&W and other tank bottoms generated as part of the process of transporting products away from primary field operations are not exempt."
2. Oily washwater generated from removing oily solids from tanks, dehydrators, separators and other production equipment: Wastes generated by activities uniquely associated with the exploration, development or production of crude oil or natural gas at primary field operations are exempt from regulation under RCRA Subtitle C regardless of whether or not they are generated on-site by a service company. Wastes generated by the cleaning of the referenced equipment are exempt only if the equipment only contain E&P related exempt wastes, that the water or fluid used in the washing process is determined to be non-hazardous and no other non-exempt wastes are mixed with the resulting waste.

Please note that "treatment" of oily wastes is a term used only for a process of product recovery and is inappropriate for use in a cleaning operation where the economic recovery of a resource is not the objective.

Mr. Blake Wallace
October 18, 1995
Page 2

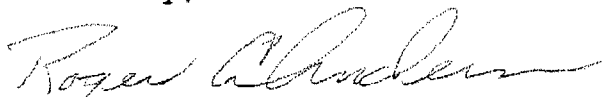
3. Transportation of exempt wastes off-site: An E&P related exempt waste will retain it's exemption only if no other non-exempt or hazardous wastes are mixed with it.
4. Wastes generated in connection with a service company's operation: As stated in 2 above, wastes generated by a service company that was derived exclusively from an E&P exempt waste and was not generated with the use of a fluid that is subject to regulation under RCRA Subtitle C will retain its exemption regardless of where it is generated only if no other non-exempt or non-hazardous waste is mixed with it.

Please be aware that exemption from RCRA Subtitle C regulations does not render the wastes as non-hazardous. The exemption only pertains to the requirements of the regulations. Most E&P exempt wastes contain constituents that are hazardous and must be disposed of in compliance with OCD regulations that are protective of public health and the environment.

Please be advised that all exempt wastes transported to or generated at a service company facility are required to be isolated and segregated from all non-exempt wastes.

If you have any questions, please do not hesitate to call me at (505) 827-7152.

Sincerely,



Roger C. Anderson
Environmental Bureau Chief

92197

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX/
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ E. Bush; 10/13/95 (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter Envirotech	
2. Destination Landfarm #2, Envirotech Soil Remediation Facility	5. Generator Meridian Oil Inc.	
3. Address of Facility Operator 5796 US Hwy 64-3014, Farmington, NM 87401	6. Name of Originating Site Val Verde Plant	
7. Originating Location of Material (Street Address or ULSTR) A S14 T29N R11W, NMPM	8. State from NM to NM	
9. <u>Check One</u> ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Dates(s) for Transportation: 10/15/95		

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of MDEA charcoal Filter Media

RECEIVED
OCT. 20 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 21 yd³ Known Volume (to be entered by the operator at the end of the haul): 21 yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert M. Young TITLE Landfarm Supervisor DATE 10/19/95TYPE OR PRINT NAME Robert M. Young TELEPHONE NO. (505) 632-0615

(This space for State Use)

APPROVED BY Denny L. Faurt TITLE Geologist DATE 10/23/95APPROVED BY Ernie Bush TITLE " DATE "

CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

92197

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: Val Verde Plant

Source: Chemical Filter Pots

Disposal Location: Envirotech Soil Remediation Facility (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Meridian Oil Inc.
concur with the status of the waste from the subject site.

Name Craig A. Back
Title/Agency Environmental Representative

Address P.O. Box 4289
Farmington New Mexico 87409-4289

Signature Craig A. Back

Date 10.13.95

Exempt Waste Manifest
Meridian Oil Inc.

PO Box 4289, Farmington, NM 87499

92197

Safety and
Environmental

1. Waste Location: Lease/Well No. Val Verde Plant
2. Volume: 21 2 Cubic Yards Barrels Gallons
3. Description of Waste: Charcoal Filter Media
4. Method of Waste Generation: Charcoal is used to filter the MDEA at the plant. MDEA is used to remove CO2 from the gas stream.
5. Disposal Facility: Envirotech
6. Disposal Cost: \$16/yd³
7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal

C. J. B. B.
(signature)

Date 10/13/95

Oil
Representative

Transportation Company:

Date(s) Transported:

MOI Representative on Site

(signature)

Date

Disposal Facility
Complete and

to
Meridian
Safety and
Environmental
Invoice.

Date(s) Received:

Total Volume Received:

Waste Location: Cell/Grid No.

Received By:

(signature)

January 18, 1994

202 P.02 No.001

85.13 OCT

ID:505-326-9725

NOT IN MERIDIAN-FARMINGTON

92197

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ F.C.10/6/95 (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter Envirotech	
2. Destination Landfarm #2, Envirotech Soil Remediation Facility	5. Generator Meridian Oil Inc.	
3. Address of Facility Operator 5796 US Hwy 64-3014, Farmington, NM 87401	6. Name of Originating Site Val Verde Plant	
7. Originating Location of Material (Street Address or ULSTR) A S14 T29N R11W, NMPM	8. State from NM to NM	
9. Check One ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for Transportation: 10/6/95		

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of MDEA charcoal Filter Media

RECEIVED
OCT 20 1995
OIL CON. DIV.
DET. 3

Estimated Volume 7 yd³ Known Volume (to be entered by the operator at the end of the haul): 7 yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert M. Young TITLE Landfarm Supervisor DATE 10/6/95TYPE OR PRINT NAME Robert M. Young TELEPHONE NO. (505) 632-0615

(This space for State Use)

APPROVED BY Denny Fournet TITLE Geologist DATE 10/23/95APPROVED BY Ernie Busch TITLE cc DATE cc

CONDITIONS OF APPROVAL, IF ANY:

ENVIROTECH INC.

92197

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64-3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: Val Verde plant
Source: Charcoal Filters
Disposal Location: Envirotech Soil Remediation Facility (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Meridian Oil Inc.
concur with the status of the waste from the subject site.

Name Craig A. Rock
Title/Agency Environmental Representative
Address P.O. Box 4289
Farmington New Mexico 87499-4289
Signature C. A. Rock
Date 10/5/95

Exempt Waste Manifest
Meridian Oil Inc.

PO Box 4289, Farmington, NM 87499

92197

Safety and
Environmental

1. Waste Location: Lease/Well No. Val Verde Plant
2. Volume: 7 Cubic Yards Barrels Gallons
3. Description of Waste: Charcoal Filter Media
4. Method of Waste Generation: Charcoal is used to filter the MDEA at the plant. MDEA is used to remove CO2 from the gas stream.
5. Disposal Facility: EnviroTech
6. Disposal Cost: \$16 / yd³
7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal

C. J. A. Buel
(signature)

Date 10/15/95

MOI
Representative

Transportation Company:

Date(s) Transported:

MOI Representative on Site

(signature)

Date

Disposal Facility
Complete and
return to
Meridian
Safety and
Environmental
with invoice.

Date(s) Received:

Total Volume Received:

Waste Location : Cell/Grid No.

Received By :

(signature)

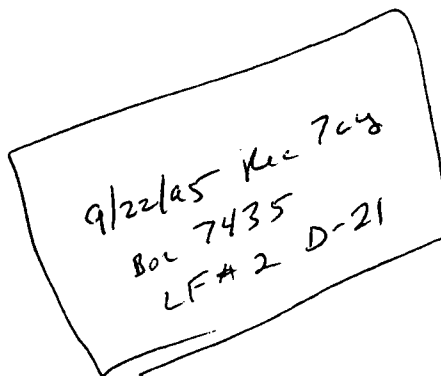
Revised January 18, 1994

92197

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE		XXXXXXXXXXXXXXXXXXXXXXXXXXXX/
1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ (Submitting this form for oilfield exempt waste is optional)	4. Name of Transporter Envirotech	
2. Destination Landfarm #2, Envirotech Soil Remediation Facility	5. Generator Meridian Oil Inc.	
3. Address of Facility Operator 5796 US Hwy 64-3014, Farmington, NM 87401	6. Name of Originating Site Val Verde Plant	
7. Originating Location of Material (Street Address or ULSTR) A S14 T29N R11W, NMPM	8. State from NM to NM	
9. <u>Check One</u> ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environment Department or other appropriate government agency; two certificates per job. ☐ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Dates(s) for Transportation: 9/21/95		

BRIEF DESCRIPTION OF THE MATERIAL:

Continuation of MDEA charcoal Filter Media



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OCT 20 1995
OIL CON. DIV.
DIST. 3

Estimated Volume 7 yd³ Known Volume (to be entered by the operator at the end of the haul): 7 yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert M. Young TITLE Landfarm Supervisor DATE 10/19/95

TYPE OR PRINT NAME Robert M. Young TELEPHONE NO. (505) 632-0615

(This space for State Use)

APPROVED BY Denny G. Feist TITLE Geologist DATE 10/23/95
APPROVED BY Ernie Busch TITLE u DATE u

CONDITIONS OF APPROVAL, IF ANY:

825

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

92197

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: Val Verde Plant
Source: MDEA Filtration
Disposal Location: Envirotech Soil Remediation Facility (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Meridian Oil Inc.
concur with the status of the waste from the subject site.

Name Craig A. Bock
Title/Agency Environmental Representative
Address P.O. Box 4289
Farmington New Mexico 87499-4289
Signature C. A. Bock
Date 9/21/95

Exempt Waste Manifest
Meridian Oil Inc.
PO Box 4289, Farmington, NM 87499

92197

Safety and
Environmental

1. Waste Location: Lease/Well No. Val Verde Plant
2. Volume: 7 Cubic Yards Barrels Gallons
3. Description of Waste: Charcoal Filter Media
4. Method of Waste Generation: Charcoal is used to filter the MDEA at the plant. MDEA is used to remove CO2 from the gas stream.
5. Disposal Facility: Envirotech
6. Disposal Cost: \$16 / yd³
7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal

C. A. Beck
(signature)

Date 9/21/95

MOI
Representative

Transportation Company: Envirotech

Date(s) Transported:

9/22/95

MOI Representative on Site

Mark Welch
(signature)

Date 9/22/95

Disposal Facility
Complete and
return to
Meridian
Safety and
Environmental
with invoice.

Date(s) Received: 9/22/95

Total Volume Received:

7 cu

Waste Location : Cell/Grid No.

L-F. 2; D-21

Received By:

Mark Welch
(signature)

District I - (505) 393-6161
P. O. Box 1940
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

CLIENT 92142

Form C-138
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☒ Non-Exempt: ☐	4. Generator <i>Process Equipment & Service Co, Inc (PESCO)</i>
Verbal Approval Received: Yes ☒ No ☐ <i>FC 10/6/95</i>	5. Originating Site <i>PESCO Main Yard</i>
2. Management Facility Destination <i>Envirotech Soil Remediation Facility Landfarm No. 2 Hilltop, NM</i>	6. Transporter <i>Envirotech</i>
3. Address of Facility Operator <i>5796 Hwy. 64-3014 Farmington, NM</i>	8. State <i>New Mexico</i>
7. Location of Material (Street Address or ULSTR) <i>5680 US Hwy 64 Farmington, NM 87401</i>	
9. Circle One: ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. ☐ B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL:

Sludge from cleaning oilfield tanks, separators, dehydrators, and similar equipment

RECEIVED
OCT 20 1995

OIL CON. DIV.
DIST. 3

Estimated Volume 100 drums cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: *Robert M. Young* TITLE: Landfarm Supervisor DATE: 10/6/95
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Robert M. Young TELEPHONE NO. 505-632-0615

(This space for State Use)

APPROVED BY: *Denny G. Fount* TITLE: Geologist DATE: 10/23/95

APPROVED BY: *Ernie Bush* TITLE: DATE:

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 • 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

CERTIFICATE OF WASTE STATUS OILFIELD EXEMPT WASTE

Originating Location: Process Equipment & Service Co., 5680 Hwy 64, Farmington

Source: Sludge from cleaning Oilfield Tanks, Separators, Dehydrators, etc.

Disposal Location: Envirotech Soil Remediation Facility, (ESRF)
Hilltop, New Mexico

"As a condition of acceptance for disposal, I hereby certify that this waste is an oilfield production exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. Additionally, to my knowledge, no non-exempt waste that is a "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has been added or mixed with the exempt waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, section 261.3(b)."

I, the undersigned, as the agent for Process Equipment & Service Co. concur with the status of the waste from the subject site.

Name Blake Wallace

Title/Agency Plant Manager

Address 5680 Hwy 64

Farmington, N.M. 87401

Signature Blake Wallace

Date 10/6/95