

NM1 -

6

C-138

YEAR(S):

2001

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

Form C-138
Revised March 17, 1995

JUN 29 2001

Environmental Bureau
Oil Conservation Division

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 ☒	4. Generator Navajo Refining Company 5. Originating Site Artesia and Lovington Facility
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter Champion
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 501 East Main, Artesia	New Mexico
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:

06-03-01

Asphalt collected from a clean-up of an asphalt spill at Navajo's Artesia and Lovington facilities at approximately 15 yards per month for each facility.

I am enclosing analytical data, certificate of waste status, chain of custody, and copy of previous C-138 to extend this process for the year 2001. This material has been approved in the past.

Estimated Volume see above cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 6-13-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

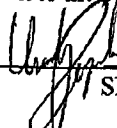
(This space for State Use)

APPROVED BY: Monte J. Kelly TITLE: Environmental Geologist DATE: 7-2-01
APPROVED BY: _____ TITLE: _____ DATE: _____

**CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"**

COMPANY / GENERATOR: Navajo Refining CompanyADDRESS: 501 East MainGENERATING SITE: Navajo Refining Company—Lovington Refinery and
Artesia Refinery.COUNTY: Eddy AND LeaSTATE: NMTYPE OF WASTE: AsphaltESTIMATED VOLUME: 15 yardsGENERATING PROCESS: Asphalt collected from a clean-up of an asphalt
Spill.REMARKS: This waste has been approved in the past.NMOCD FACILITY: Controlled Recovery IncorporatedTRUCKING COMPANY: Champion in a 20 yard roll off bin

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 2613.

AGENT: 
SIGNATURENAME: Charlie Plymale
PRINTEDADDRESS: 501 EAST MAINARTESIA, NM 88210DATE: 6/12/01

District I - (505) 393-6161
P.O. Box 1980
Hobbs, 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

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 8/

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DEC 21 2000

Environmental Bureau
Oil Conservation Division

Submit Orig
Plus 1 C
to approp:
District O

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator Navajo Refining
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site Artesia Facility
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter Champion
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 501 East Main, Artesia	New Mexico
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:

12-003

Asphalt collected from a clean-up of an asphalt spill.

I am enclosing a Certificate of Waste Status, analytical, Chain of Custody, and copy of previous C-138. This material has been approved in the past.

Estimated Volume 15 yards cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: Carmella Van Maanen TITLE: Bookkeeper DATE: 12-12-00
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: Donna Williams TITLE: Environmental Engineer Specialist DATE: 12-12-00

APPROVED BY: Monty J. Smith TITLE: Environmental Geologist DATE: 12/21/00



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 806•794•1236 FAX 806•794•1239
4725 R p st Avenue, Suite A El Paso, Texas 79522 936•598•3443 E•5•595•3443 FAX E•5•595•4944
E-mail: lab@traceanalysis.com

ANALYTICAL RESULTS FOR

NAVAJO REFINING CO.

Attention: Darrell Moore

501 E. Main

Artesia, NM 88210

Analysis Date: 02/16/00

Sampling Date: 11/20/00

Sample Condition: I & C

Sample Received by: JM

Project Name: Asphalt Test/Filter Test

December 7, 2000

Receiving Date: 11/21/00

Sample Type: Solid

Project #: N/A

Project Location: Artesia, NM

TA#	Field Code	REACTIVITY	SULFIDES (ppm)	CYANIDES (ppm)	CORROSIVITY	pH (s.u.)	IGNITABILITY
EPA LIMIT =							
T159224	Filter	Non-reactive	<10	<2.5	Non-corrosive	7.90	Non-ignitable
T159225	Asphalt	Non-reactive	<10	<2.5	Non-corrosive	7.89	Non-ignitable
RPD		0	0	0	0	0	0
% Extraction Accuracy		100	100	100	100	100	100
% Instrument Accuracy		—	—	—	—	—	—

METHODS: EPA SW 846-Chapter 7 7.3, Chapter 7 7.2, Chapter 7 7.1.

CHEMIST: TL

82

12-7-00

Director, Dr. Blair Leftwich

Date



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 806-794-1298 FAX 806-794-1298
4775 Ripley Avenue, Suite A El Paso, Texas 79922 888-588-3443 915-505-3441 FAX 915-585-4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Darrell Moore
Navajo Refining
501 E Main
Artesia, NM 88210

Report Date: December 7, 2000

Order ID Number: A00112115

Project Number: N/A
Project Name: Asphalt Test /Filter Test
Project Location: Artesia, NM

Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
159224	Filter	Solid	11/20/00	17:30	11/21/00
159225	Asphalt	Solid	11/20/00	17:30	11/21/00

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 13 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.


Dr. Blair Leftwich, Director

Report Date: December 7, 2000

Order Number: A00112115

Page Number: 2 of 13

N/A

Asphalt Test /Filter Test

Artesia, NM

Analytical and Quality Control Report

Sample: 159224 - Filter

Analysis: TCLP Hg Analytical Method: S 7470A QC Batch: QC06904 Date Analyzed: 11/28/00
 Analyst: SSC Preparation Method: E 1311 Prep Batch: PB06057 Date Prepared: 11/21/00

Param	Flag	Result	Units	Dilution	RDL
TCLP Mercury		<0.010	mg/L	1	0.01

Sample: 159224 - Filter

Analysis: TCLP Metals Analytical Method: S 6010B QC Batch: QC06917 Date Analyzed: 11/28/00
 Analyst: RR Preparation Method: 1311 Prep Batch: PB06086 Date Prepared: 11/27/00

Param	Flag	Result	Units	Dilution	RDL
TCLP Arsenic		<1	mg/L	10	0.10
TCLP Barium		<1	mg/L	10	0.10
TCLP Cadmium		<0.2	mg/L	10	0.02
TCLP Chromium		<1	mg/L	10	0.10
TCLP Lead		<1	mg/L	10	0.10
TCLP Selenium		<1	mg/L	10	0.10
TCLP Silver		<0.5	mg/L	10	0.05

Sample: 159224 - Filter

Analysis: TCLP Semivolatiles Analytical Method: E 8270G QC Batch: QC08888 Date Analyzed: 11/24/00
 Analyst: MA Preparation Method: 1311 Prep Batch: PB08044 Date Prepared: 11/22/00

Param	Flag	Result	Units	Dilution	RDL
Pyridine		<0.05	mg/L	1	0.05
o-Cresol		<0.05	mg/L	1	0.05
m,p-Cresol		<0.05	mg/L	1	0.05
Hexachloroethane		<0.05	mg/L	1	0.05
Nitrobenzene		<0.05	mg/L	1	0.05
Hexachlorobutadiene		<0.05	mg/L	1	0.05
2,4,6-Trichlorophenol		<0.05	mg/L	1	0.05
2,4,5-Trichlorophenol		<0.05	mg/L	1	0.05
2,4-Dinitrotoluene		<0.05	mg/L	1	0.05
2,4-D		<0.05	mg/L	1	0.05
Hexachlorobenzene		<0.05	mg/L	1	0.05
2,4,5-TP		<0.05	mg/L	1	0.05
Pentachlorophenol		<0.05	mg/L	1	0.05

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
2-Fluorophenol		38.27	mg/L	1	80	45	20 - 67
Phenol-d5		23.18	mg/L	1	80	28	7 - 55
Nitrobenzene-d5		71.54	mg/L	1	80	89	33 - 116
2-Fluorobiphenyl		67.79	mg/L	1	80	84	47 - 107

Continued ...

Report Date: December 7, 2000
N/A

Order Number: A00112115
Asphalt Test /Filter Test

Page Number: 3 of 13
Artesia, NM

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
2,4,6-Tribromophenol		71.72	mg/L	1	80	89	47 - 113
Terphenyl-d14		72.55	mg/L	1	80	90	47 - 124

Sample: 159224 - Filter

Analysis: TCLP Volatiles Analytical Method: S 8280B QC Batch: QC07128 Date Analyzed: 12/5/00
Analyst: JG Preparation Method: 1311 Prep Batch: PB06246 Date Prepared: 12/3/00

Param	Flag	Result	Units	Dilution	RDL
Vinyl Chloride		<0.10	mg/L	50	0.002
1,1-Dichloroethene		<0.10	mg/L	50	0.002
Methyl ethyl ketone		<0.50	mg/L	50	0.01
Chloroform		<0.10	mg/L	50	0.002
1,2-Dichloroethane (EDC)		<0.10	mg/L	50	0.002
Benzene		<0.10	mg/L	50	0.002
Carbon Tetrachloride		<0.10	mg/L	50	0.002
Trichloroethene (TCE)		<0.10	mg/L	50	0.002
Tetrachloroethane (PCE)		<0.10	mg/L	50	0.002
Chlorobenzene		<0.10	mg/L	50	0.002
1,4-Dichlorobenzene		<0.10	mg/L	50	0.002

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		52	mg/L	1	50	104	83 - 119
Toluene-d8		51.5	mg/L	1	50	103	87 - 115
4-Bromofluorobenzene		50.5	mg/L	1	50	101	79 - 112

Sample: 159225 - Asphalt

Analysis: TCLP Hg Analytical Method: S 7470A QC Batch: QC06904 Date Analyzed: 11/28/00
Analyst: SSC Preparation Method: E 1311 Prep Batch: PB06057 Date Prepared: 11/21/00

Param	Flag	Result	Units	Dilution	RDL
TCLP Mercury		<0.010	mg/L	1	0.01

Sample: 159225 - Asphalt

Analysis: TCLP Metals Analytical Method: S 6010B QC Batch: QC06917 Date Analyzed: 11/28/00
Analyst: R.R. Preparation Method: 1311 Prep Batch: PB06086 Date Prepared: 11/27/00

Param	Flag	Result	Units	Dilution	RDL
TCLP Arsenic		<1	mg/L	10	0.10
TCLP Barium		<1	mg/L	10	0.10
TCLP Cadmium		<0.2	mg/L	10	0.02
TCLP Chromium		<1	mg/L	10	0.10
TCLP Lead		<1	mg/L	10	0.10
TCLP Selenium		<1	mg/L	10	0.10
TCLP Silver		<0.5	mg/L	10	0.05

Report Date: December 7, 2000
N/A

Order Number: A00112115
Asphalt Test /Filter Test

Page Number: 4 of 13
Artesia, NM

Sample: 159225 - Asphalt

Analysis: TCLP Semivolatiles Analytical Method: E 8270C QC Batch: QC06888 Date Analyzed: 11/24/00
Analyst: MA Preparation Method: 1311 Prep Batch: PB06044 Date Prepared: 11/22/00

Param	Flag	Result	Units	Dilution	RDL
Pyridine		<0.05	mg/L	1	0.05
o-Cresol		<0.05	mg/L	1	0.05
m,p-Cresol		<0.05	mg/L	1	0.05
Hexachloroethane		<0.05	mg/L	1	0.05
Nitrobenzene		<0.05	mg/L	1	0.05
Hexachlorobutadiene		<0.05	mg/L	1	0.05
2,4,6-Trichlorophenol		<0.05	mg/L	1	0.05
2,4,5-Trichlorophenol		<0.05	mg/L	1	0.05
2,4-Dinitrotoluene		<0.05	mg/L	1	0.05
2,4-D		<0.05	mg/L	1	0.05
Hexachlorobenzene		<0.05	mg/L	1	0.05
2,4,5-TP		<0.05	mg/L	1	0.05
Pentachlorophenol		<0.05	mg/L	1	0.05

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
2-Fluorophenol		35.47	mg/L	1	80	44	20 - 87
Phenol-d5		24.73	mg/L	1	80	30	7 - 55
Nitrobenzene-d5		76.38	mg/L	1	80	94	33 - 116
2-Fluorobiphenyl		70.70	mg/L	1	80	88	47 - 107
2,4,6-Tribromophenol		71.05	mg/L	1	80	88	47 - 113
Terphenyl-d14		75.79	mg/L	1	80	94	47 - 124

Sample: 159225 - Asphalt

Analysis: TCLP Volatiles Analytical Method: S 8260B QC Batch: QC07128 Date Analyzed: 12/5/00
Analyst: JG Preparation Method: 1311 Prep Batch: PB06246 Date Prepared: 12/3/00

Param	Flag	Result	Units	Dilution	RDL
Vinyl Chloride		<0.10	mg/L	1	0.002
1,1-Dichloroethene		<0.10	mg/L	1	0.002
Methyl ethyl ketone		<0.50	mg/L	1	0.01
Chloroform		<0.10	mg/L	1	0.002
1,2-Dichloroethane (EDC)		<0.10	mg/L	1	0.002
Benzene		<0.10	mg/L	1	0.002
Carbon Tetrachloride		<0.10	mg/L	1	0.002
Trichloroethene (TCE)		<0.10	mg/L	1	0.002
Tetrachloroethene (PCE)		<0.10	mg/L	1	0.002
Chlorobenzene		<0.10	mg/L	1	0.002
1,4-Dichlorobenzene		<0.10	mg/L	1	0.002

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		53	mg/L	1	50	106	83 - 119
Toluene-d8		51	mg/L	1	50	102	87 - 115

Continued ...

Report Date: December 7, 2000
N/A

Order Number: A00112115
Asphalt Test /Filter Test

Page Number: 5 of 13
Artesia, NM

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
4-Bromofluorobenzene		49.5	mg/L	1	50	99	78 - 112

Quality Control Report Method Blank

Sample: Method Blank

QC Batch: QC06888

Param	Flag	Results	Units	Reporting Limit
Pyridine		<0.05	mg/L	0.05
o-Cresol		<0.05	mg/L	0.05
m,p-Cresol		<0.05	mg/L	0.05
Hexachloroethane		<0.05	mg/L	0.05
Nitrobenzene		<0.05	mg/L	0.05
Hexachlorobutadiene		<0.05	mg/L	0.05
2,4,6-Trichlorophenol		<0.05	mg/L	0.05
2,4,5-Trichlorophenol		<0.05	mg/L	0.05
2,4-Dinitrotoluene		<0.05	mg/L	0.05
2,4-D		<0.05	mg/L	0.05
Hexachlorobenzene		<0.05	mg/L	0.05
2,4,5-TP		<0.05	mg/L	0.05
Pentachlorophenol		<0.05	mg/L	0.05

Surrogate	Flag	Result	Units	Spike Amount	Percent Recovery	Recovery Limit
2-Fluorophenol		31.55	mg/L	80	39	20 - 67
Phenol-d5		21.51	mg/L	80	26	7 - 55
Nitrobenzene d5		63.64	mg/L	80	79	33 - 116
2-Fluorobiphenyl		61.11	mg/L	80	76	47 - 107
2,4,6-Tribromophenol		61.42	mg/L	80	76	47 - 113
Terphenyl-d14		68.32	mg/L	80	85	47 - 124

Sample: Method Blank

QC Batch: QC06904

Param	Flag	Results	Units	Reporting Limit
TCLP Mercury		<0.010	mg/L	0.01

Sample: Method Blank

QC Batch: QC06917

Report Date: December 7, 2000
N/A

Order Number: A00112115
Asphalt Test /Filler Test

Page Number: 6 of 13
Artesia, NM

Param	Flag	Results	Units	Reporting Limit
TCLP Arsenic		<0.1	mg/L	0.10
TCLP Barium		<0.1	mg/L	0.10
TCLP Cadmium		<0.02	mg/L	0.02
TCLP Chromium		<0.1	mg/L	0.10
TCLP Lead		<0.1	mg/L	0.10
TCLP Selenium		<0.1	mg/L	0.10
TCLP Silver		<0.05	mg/L	0.05

Sample: Method Blank QCBatch: QC07128

Param	Flag	Results	Units	Reporting Limit
Vinyl Chloride		<0.10	mg/L	0.002
1,1-Dichloroethene		<0.10	mg/L	0.002
Methyl ethyl ketone		<0.50	mg/L	0.01
Chloroform		<0.10	mg/L	0.002
1,2-Dichloroethane (EDC)		<0.10	mg/L	0.002
Benzene		<0.10	mg/L	0.002
Carbon Tetrachloride		<0.10	mg/L	0.002
Trichloroethene (TCE)		<0.10	mg/L	0.002
Tetrachloroethene (PCE)		<0.10	mg/L	0.002
Chlorobenzene		<0.10	mg/L	0.002
1,4 Dichlorobenzene		<0.10	mg/L	0.002

Surrogate	Flag	Result	Units	Spike Amount	Percent Recovery	Recovery Limit
Dibromofluoromethane		53	mg/L	50	106	83 119
Toluene-d8		51.5	mg/L	50	103	87 115
4 Bromofluorobenzene		50	mg/L	50	100	79 112

Quality Control Report Lab Control Spikes and Duplicate Spikes

Sample: LCS QC Batch: QC06888

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Pyridine		17.10	mg/L	1	80	<0.05	21		0 - 92	20
o-Cresol		49.27	mg/L	1	80	<0.05	61		41 - 92	20
m,p-Cresol		85.60	mg/L	1	180	<0.05	53		7 - 127	20
Hexachloroethane		39.57	mg/L	1	80	<0.05	49		35 - 85	20
Nitrobenzene		67.21	mg/L	1	80	<0.05	84		43 - 108	20
Hexachlorobutadiene		44.52	mg/L	1	80	<0.05	55		38 - 88	20

Continued ...

Report Date: December 7, 2000
N/A

Order Number: A00112115
Asphalt Test /Filter Test

Page Number: 7 of 13
Artesia, NM

... Continued

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
2,4,6-Trichlorophenol		60.90	mg/L	1	80	<0.05	76		47 - 107	20
2,4,6-Trichlorophenol		61.10	mg/L	1	80	<0.05	76		49 - 105	20
2,4-Dinitrotoluene		75.18	mg/L	1	80	<0.05	98		49 - 105	20
2,4-D	1	353.85	mg/L	1	80	<0.05	442		0 - 127	20
Hexachlorobenzene		88.69	mg/L	1	80	<0.05	87		47 - 122	20
2,4,5-TP	2	476.56	mg/L	1	80	<0.05	595		0 - 130	20
Pentachlorophenol		33.86	mg/L	1	80	<0.05	42		33 - 99	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
2-Fluorophenol		38.90	mg/L	1	80	46	20 - 67
Phenol-d5		25.23	mg/L	1	80	31	7 - 55
Nitrobenzene-d5		70.91	mg/L	1	80	88	33 - 116
2-Fluorobiphenyl		67.13	mg/L	1	80	83	47 - 107
2,4,6-Tribromophenol		71.09	mg/L	1	80	88	47 - 113
Terphenyl-d14		74.19	mg/L	1	80	92	47 - 124

Sample: LCSD

QC Batch: QC06888

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Pyridine		18.81	mg/L	1	80	<0.05	23	10	0 - 92	20
o-Cresol		49.88	mg/L	1	80	<0.05	62	1	41 - 92	20
m,p-Cresol		88.63	mg/L	1	160	<0.05	55	3	7 - 127	20
Hexachloroethane		40.70	mg/L	1	80	<0.05	50	3	35 - 85	20
Nitrobenzene		65.43	mg/L	1	80	<0.05	81	3	43 - 108	20
Hexachlorobutadiene		43.64	mg/L	1	80	<0.05	54	2	38 - 89	20
2,4,6-Trichlorophenol		62.07	mg/L	1	80	<0.05	77	2	47 - 107	20
2,4,5-Trichlorophenol		61.56	mg/L	1	80	<0.05	76	1	49 - 106	20
2,4-Dinitrotoluene		76.70	mg/L	1	80	<0.05	95	2	49 - 105	20
2,4-D	3	361.43	mg/L	1	80	<0.05	451	2	0 - 127	20
Hexachlorobenzene		88.74	mg/L	1	80	<0.05	85	1	47 - 122	20
2,4,5-TP	4	486.66	mg/L	1	80	<0.05	608	2	0 - 130	20
Pentachlorophenol		38.11	mg/L	1	80	<0.05	47	12	33 - 99	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
2-Fluorophenol		37.88	mg/L	1	80	47	20 - 67
Phenol-d5		25.44	mg/L	1	80	31	7 - 55
Nitrobenzene-d5		71.60	mg/L	1	80	89	33 - 116

Continued ...

¹ Analyte out of control limit. Irradiation response due to being stored in methanol. Specific analyte did not appear in samples.

² Analyte out of control limit. Irradiation response due to being stored in methanol. Specific analyte did not appear in samples.

³ Analyte out of control limit. Irradiation response due to being stored in methanol. Specific analyte did not appear in samples.

⁴ Analyte out of control limit. Irradiation response due to being stored in methanol. Specific analyte did not appear in samples.

Report Date: December 7, 2000
N/A

Order Number: A00112115
Asphalt Test / Filter Test

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Artesia, NM

... Continued

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
2-Fluorobiphenyl		67.08	mg/L	1	80	83	47 - 107
2,4,6-Tribromophenol		71.30	mg/L	1	80	89	47 - 113
Terphenyl-d14		73.53	mg/L	1	80	91	47 - 124

Sample: LCS QC Batch: QC06904

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Mercury		0.0493	mg/L	1	0.05	<0.010	98		80 - 120	20

Sample: LCSD QC Batch: QC06904

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Mercury		0.0491	mg/L	1	0.05	<0.010	98	0	80 - 120	20

Sample: LCS QC Batch: QC06917

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Arsenic		9.73	mg/L	10	10	<0.1	97		75 - 125	20
TCLP Barium		20.6	mg/L	10	20	<0.1	103		75 - 125	20
TCLP Cadmium		2.06	mg/L	10	2	<0.02	103		75 - 125	20
TCLP Chromium		4.22	mg/L	10	4	<0.1	105		75 - 125	20
TCLP Lead		10.4	mg/L	10	10	<0.1	104		75 - 125	20
TCLP Selenium		8.99	mg/L	10	10	<0.1	89		75 - 125	20
TCLP Silver		1.98	mg/L	10	2	<0.05	99		75 - 125	20

Sample: LCSD QC Batch: QC06917

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Arsenic		9.48	mg/L	10	10	<0.1	94	3	75 - 125	20
TCLP Barium		20.3	mg/L	10	20	<0.1	101	1	75 - 125	20
TCLP Cadmium		2.03	mg/L	10	2	<0.02	101	1	75 - 125	20
TCLP Chromium		4.14	mg/L	10	4	<0.1	103	2	75 - 125	20
TCLP Lead		10.2	mg/L	10	10	<0.1	102	2	75 - 125	20
TCLP Selenium		9.02	mg/L	10	10	<0.1	90	0	75 - 125	20
TCLP Silver		1.94	mg/L	10	2	<0.05	97	2	75 - 125	20

Report Date: December 7, 2000
N/AOrder Number: A00112115
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Artesia, NM

Sample: LCS

QC Batch: QC07128

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Vinyl Chloride		5.66	mg/L	1	5	<0.10	113		47 - 147	20
1,1-Dichloroethene		7.46	mg/L	1	5	<0.10	149		63 - 185	20
Methyl ethyl ketone		7.16	mg/L	1	5	<0.50	143		52 - 160	20
Chloroform		5.80	mg/L	1	5	<0.10	118		82 - 128	20
1,2-Dichloroethane (EDC)		6.66	mg/L	1	5	<0.10	133		80 - 127	20
Benzene		5.15	mg/L	1	5	<0.10	103		88 - 126	20
Carbon Tetrachloride		5.74	mg/L	1	5	<0.10	114		52 - 167	20
Trichloroethene (TCE)		5.49	mg/L	1	5	<0.10	109		77 - 131	20
Tetrachloroethene (PCE)		4.76	mg/L	1	5	<0.10	95		60 - 143	20
Chlorobenzene		4.81	mg/L	1	5	<0.10	96		85 - 118	20
1,4-Dichlorobenzene		5.21	mg/L	1	5	<0.10	104		81 - 123	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
Dibromofluoromethane		59	mg/L	1	50	118	83 - 119
Toluene-d8		52	mg/L	1	50	104	87 - 115
4-Bromofluorobenzene		51	mg/L	1	50	102	79 - 112

Sample: LCSD

QC Batch: QC07128

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Vinyl Chloride		5.55	mg/L	1	5	<0.10	111	2	47 - 147	20
1,1 Dichloroethene		7.51	mg/L	1	5	<0.10	150	1	63 - 185	20
Methyl ethyl ketone		7.23	mg/L	1	5	<0.50	144	1	52 - 180	20
Chloroform		5.98	mg/L	1	5	<0.10	119	1	82 - 128	20
1,2-Dichloroethane (EDC)		6.61	mg/L	1	5	<0.10	132	1	80 - 127	20
Benzene		5.29	mg/L	1	5	<0.10	105	3	88 - 126	20
Carbon Tetrachloride		5.89	mg/L	1	5	<0.10	117	2	52 - 167	20
Trichloroethene (TCE)		5.01	mg/L	1	5	<0.10	112	2	77 - 131	20
Tetrachloroethene (PCE)		4.91	mg/L	1	5	<0.10	98	3	66 - 143	20
Chlorobenzene		4.90	mg/L	1	5	<0.10	98	1	85 - 118	20
1,4-Dichlorobenzene		5.35	mg/L	1	5	<0.10	107	3	81 - 123	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
Dibromofluoromethane		57	mg/L	1	50	114	83 - 119
Toluene-d8		52.5	mg/L	1	50	105	87 - 115
4-Bromofluorobenzene		51	mg/L	1	50	102	79 - 112

Quality Control Report

Report Date: December 7, 2000
N/A

Order Number: A00112115
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Artesia, NM

Matrix Spikes and Duplicate Spikes

Sample: MS QC Batch: QC06904

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Mercury		0.0441	mg/L	1	0.05	<0.010	88		80 - 120	20

Sample: MSD QC Batch: QC06904

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Mercury		0.0430	mg/L	1	0.05	<0.010	86	2	80 - 120	20

Sample: MS QC Batch: QC06917

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Arsenic		9.74	mg/L	10	10	<1	97		75 - 125	20
TCLP Barium		20.5	mg/L	10	20	<1	102		75 - 125	20
TCLP Cadmium		2.05	mg/L	10	2	<0.2	102		75 - 125	20
TCLP Chromium		4.19	mg/L	10	4	<1	104		75 - 125	20
TCLP Lead		10.4	mg/L	10	10	<1	104		75 - 125	20
TCLP Selenium		8.8	mg/L	10	10	<1	88		75 - 125	20
TCLP Silver		1.94	mg/L	10	2	<0.5	97		75 - 125	20

Sample: MSD QC Batch: QC06917

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Arsenic		9.75	mg/L	10	10	<1	97	0	75 - 125	20
TCLP Barium		20.4	mg/L	10	20	<1	102	0	75 - 125	20
TCLP Cadmium		2.03	mg/L	10	2	<0.2	101	1	75 - 125	20
TCLP Chromium		4.15	mg/L	10	4	<1	103	1	75 - 125	20
TCLP Lead		10.3	mg/L	10	10	<1	103	1	75 - 125	20
TCLP Selenium		8.72	mg/L	10	10	<1	87	1	75 - 125	20
TCLP Silver		1.94	mg/L	10	2	<0.5	97	0	75 - 125	20

Sample: MS QC Batch: QC07128

Report Date: December 7, 2000
N/A

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Asphalt Test /Filter Test

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Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Vinyl Chloride		4.31	mg/L	1	5	<0.10	86		47 - 147	20
1,1-Dichloroethene		7.11	mg/L	1	5	<0.10	142		63 - 165	20
Methyl ethyl ketone		6.35	mg/L	1	5	<0.50	127		52 - 160	20
Chloroform		5.34	mg/L	1	5	<0.10	106		82 - 128	20
1,2-Dichloroethane (EDC)		5.64	mg/L	1	5	<0.10	112		80 - 127	20
Benzene		5.04	mg/L	1	5	<0.10	100		88 - 126	20
Carbon Tetrachloride		5.72	mg/L	1	5	<0.10	114		52 - 167	20
Trichloroethene (TCE)		5.43	mg/L	1	5	<0.10	108		77 - 131	20
Tetrachloroethene (PCE)		5.16	mg/L	1	5	<0.10	103		66 - 143	20
Chlorobenzene		4.83	mg/L	1	5	<0.10	96		85 - 118	20
1,4-Dichlorobenzene		5.25	mg/L	1	5	<0.10	105		81 - 123	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
Dibromofluoromethane		52	mg/L	1	50	104	83 - 119
Toluene-d8		51	mg/L	1	50	102	87 - 115
4-Bromofluorobenzene		51	mg/L	1	50	102	79 - 112

Sample: MSD

QC Batch: QC07128

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Vinyl Chloride		4.14	mg/L	1	5	<0.10	82	4	47 - 147	20
1,1-Dichloroethene		7.05	mg/L	1	5	<0.10	141	1	63 - 165	20
Methyl ethyl ketone		2.19	mg/L	1	5	<0.50	43	07	52 - 160	20
Chloroform		5.54	mg/L	1	5	<0.10	110	4	82 - 128	20
1,2-Dichloroethane (EDC)		5.98	mg/L	1	5	<0.10	119	0	80 - 127	20
Benzene		5.13	mg/L	1	5	<0.10	102	2	88 - 126	20
Carbon Tetrachloride		5.98	mg/L	1	5	<0.10	119	4	52 - 167	20
Trichloroethene (TCE)		5.47	mg/L	1	5	<0.10	109	1	77 - 131	20
Tetrachloroethene (PCE)		4.98	mg/L	1	5	<0.10	99	4	66 - 143	20
Chlorobenzene		4.81	mg/L	1	5	<0.10	96	0	85 - 118	20
1,4-Dichlorobenzene		5.31	mg/L	1	5	<0.10	106	1	81 - 123	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
Dibromofluoromethane		53	mg/L	1	50	106	83 - 119
Toluene-d8		52.5	mg/L	1	50	105	87 - 115
4-Bromofluorobenzene		51	mg/L	1	50	102	79 - 112

Quality Control Report

* poor spike recovery due to purging characteristic of MEK

Report Date: December 7, 2000
N/A

Order Number: A00112115
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Artesia, NM

Continuing Calibration Verification Standards

Sample: CCV (1)

QC Batch: QC06888

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Pyridine		mg/L	60	61.98	103	0 - 92	11/24/00
1,4-Dichlorobenzene		mg/L	60	59.54	99	39 - 87	11/24/00
o-Cresol		mg/L	60	61.83	103	41 - 92	11/24/00
m,p-Cresol		mg/L	60	61.11	101	7 - 127	11/24/00
Hexachloroethane		mg/L	60	60.91	101	35 - 85	11/24/00
Nitrobenzene		mg/L	60	59.86	99	43 - 108	11/24/00
Hexachlorobutadiene		mg/L	60	59.80	99	38 - 89	11/24/00
2,4,6-Trichlorophenol		mg/L	80	59.15	98	47 - 107	11/24/00
2,4,5-Trichlorophenol		mg/L	80	59.75	99	49 - 105	11/24/00
2,4-Dinitrotoluene		mg/L	80	59.26	98	49 - 105	11/24/00
2,4-D		mg/L	60	58.98	98	0 - 127	11/24/00
Hexachlorobenzene		mg/L	60	59.13	98	47 - 122	11/24/00
2,4,5-TP		mg/L	60	58.76	97	0 - 130	11/24/00
Pentachlorophenol		mg/L	60	52.49	87	33 - 99	11/24/00
2-Fluorophenol		mg/L	60	61.08	101	20 - 87	11/24/00
Phenol-d5		mg/L	60	60.09	100	7 - 55	11/24/00
Nitrobenzene-d5		mg/L	60	59.64	99	33 - 116	11/24/00
2-Fluorobiphenyl		mg/L	60	59.27	98	47 - 107	11/24/00
2,4,6-Tribromophenol		mg/L	60	57.27	95	47 - 113	11/24/00
Terphenyl-d14		mg/L	60	59.46	99	47 - 124	11/24/00

Sample: CCV (1)

QC Batch: QC06904

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Mercury		mg/L	0.005	0.00462	92	80 - 120	11/28/00

Sample: CCV (1)

QC Batch: QC06917

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Arsenic		mg/L	2.50	2.52	100	75 - 125	11/28/00
TCLP Barium		mg/L	5	5.03	100	75 - 125	11/28/00
TCLP Cadmium		mg/L	0.50	0.511	102	75 - 125	11/28/00
TCLP Chromium		mg/L	1	1.03	103	75 - 125	11/28/00
TCLP Lead		mg/L	2.50	2.58	102	75 - 125	11/28/00
TCLP Selenium		mg/L	2.50	2.52	100	75 - 125	11/28/00
TCLP Silver		mg/L	0.50	0.498	99	75 - 125	11/28/00

Report Date: December 7, 2000
N/A

Order Number: A00112115
Asphalt Test /Filter Test

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Artesia, NM

Sample: ICV (1)

QC Batch: QC06917

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Arsenic		mg/L	2.50	2.54	101	75 - 125	11/28/00
TCLP Barium		mg/L	5	5.16	103	75 - 125	11/28/00
TCLP Cadmium		mg/L	0.50	0.515	103	75 - 125	11/28/00
TCLP Chromium		mg/L	1	1.04	104	75 - 125	11/28/00
TCLP Lead		mg/L	2.50	2.58	103	75 - 125	11/28/00
TCLP Selenium		mg/L	2.50	2.56	102	75 - 125	11/28/00
TCLP Silver		mg/L	0.50	0.51	102	75 - 125	11/28/00

Sample: CCV (1)

QC Batch: QC07128

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Vinyl Chloride		mg/L	100	92	92	47 - 147	12/5/00
1,1-Dichloroethene		mg/L	100	103	103	63 - 165	12/5/00
Methyl ethyl ketone		mg/L	100	118	118	62 - 160	12/5/00
Chloroform		mg/L	100	85	85	82 - 128	12/5/00
1,2-Dichloroethane (EDC)		mg/L	100	93	93	80 - 127	12/5/00
Benzene		mg/L	100	85	85	88 - 126	12/5/00
Carbon Tetrachloride		mg/L	100	92	92	52 - 167	12/5/00
Trichloroethene (TCE)		mg/L	100	88	88	77 - 131	12/5/00
Tetrachloroethene (PCE)		mg/L	100	80	80	66 - 143	12/5/00
Chlorobenzene		mg/L	100	81	81	85 - 118	12/5/00
1,4-Dichlorobenzene		mg/L	100	85	85	81 - 123	12/5/00
Dibromofluoromethane		mg/L	50	61	102	80 - 120	12/5/00
Toluene-d8		mg/L	50	51.5	103	80 - 120	12/5/00
4-Bromofluorobenzene		mg/L	50	51	102	80 - 120	12/5/00

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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JUN 15 2001
State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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JUN 29 2001

Form C-138
Revised March 17, 1995

Submit Original
Plus 1 Copy
to Appropriate
District Office

Environmental Bureau
Oil Conservation Division

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒	4. Generator Navajo Refining Company 5. Originating Site Artesia and Lovington Facility
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter Champion
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 501 East Main, Artesia	New Mexico
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:

06-01-01

Hydrocarbon Contaminated Soil. Soil generated during the cleanup of small spills around Navajo's Artesia and Lovington plants at approximately 30 yards per month for each facility. I am enclosing analytical data, certificate of waste status, chain of custody, and copy of previous C-138 to extend this process for the year 2001.

Estimated Volume see above cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 6-13-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

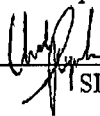
(This space for State Use)

APPROVED BY: [Signature] TITLE: Environmental Geologist DATE: 7-2-01
APPROVED BY: _____ TITLE: _____ DATE: _____

**CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"**

COMPANY / GENERATOR: Navajo Refining CompanyADDRESS: 501 East MainGENERATING SITE: Navajo Refining Company—Artesia and LovingtonCOUNTY: Eddy and LeaSTATE: NMTYPE OF WASTE: Hydrocarbon contaminated soil and debrisESTIMATED VOLUME: 30 yardsGENERATING PROCESS: Soil and debris came from various spill clean ups
from around the plant during turnaround.REMARKS: Analysis Same as ArtesiaNMOCD FACILITY: Controlled Recovery IncorporatedTRUCKING COMPANY: Champion

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.3.

AGENT:  SIGNATURENAME: Charlie Plymale
PRINTEDADDRESS: 501 EAST MAINARTESIA, NM 88210DATE: 6/12/01

District I - (505) 393-6161
P.O. Box 1980
Hobbs, 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

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
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Environmental Bureau
Oil Conservation Division
Submit On
Plus 1
to appro
District

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator Navajo Refining
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site Artesia Facility
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter BES
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 501 East Main, Artesia	New Mexico
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:

10-006

Blast Sand. Generated during the sandblasting of the inside of a gasoline tank before repairing. I am enclosing analytical data, Certificate of Waste status, chain of custody, and copy of previous C-138.

30-55 gallon drums

10-007

Hydrocarbon Contaminated Soil. Soil generated during the cleanup of small spills around Navajo's Artesia plant. I am enclosing analytical data, Certificate of Waste status, chain of custody, and copy of previous C-138.

150 yards

Estimated Volume See above cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE: Carmella Van Maanen TITLE: Bookkeeper DATE: 10-12-00
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: Donna Williams TITLE: Inspection Engineer Specialist DATE: 10/19/00

APPROVED BY: Martin A. Williams TITLE: Environmental Geologist DATE: 10/24/00



TRACE ANALYSIS, INC.

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Analytical and Quality Control Report

Navajo Refining
501 E. Main
Artesia, NM 88210

Report Date: October 5, 2000

Order ID Number: A00092717

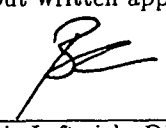
Project Number: N/A
Project Name: N/A
Project Location: N/A

Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to Trace-Analysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
154327	Blast Sand TK411	Solid	9/26/00	13:00	9/27/00
154328	Blast Beads	Solid	9/26/00	13:30	9/27/00
154329	Hydro Carbon Contam soil	Solid	9/26/00	14:00	9/27/00

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 16 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.


Dr. Blair Leftwich, Director

Analytical and Quality Control Report

Sample: 154327 - Blast Sand TK411

Analysis: Corrosivity Analytical Method: S 1110 QC Batch: QC05327 Date Analyzed: 9/28/00
Analyst: TL Preparation Method: N/A Prep Batch: PB04645 Date Prepared: 9/28/00

Param	Flag	Result	Units	Dilution	RDL
Corrosivity		Non-corrosive	mm/yr	1	
pH		6.63	s.u.	1	

Sample: 154327 - Blast Sand TK411

Analysis: Ignitability Analytical Method: SW-846 Ch. 7.1 QC Batch: QC05328 Date Analyzed: 9/28/00
Analyst: TL Preparation Method: Prep Batch: PB04646 Date Prepared: 9/28/00

Param	Flag	Result	Units	Dilution	RDL
Ignitability		non-ignitable		1	

Sample: 154327 - Blast Sand TK411

Analysis: Reactivity Analytical Method: S 7.3 QC Batch: QC05326 Date Analyzed: 9/28/00
Analyst: TL Preparation Method: N/A Prep Batch: PB04644 Date Prepared: 9/28/00

Param	Flag	Result	Units	Dilution	RDL
Reactivity		Non-reactive		1	
Hydrogen Sulfide		<10		1	
Hydrogen Cyanide		<2.5		1	

Sample: 154327 - Blast Sand TK411

Analysis: TCLP Hg Analytical Method: S 7470A QC Batch: QC05329 Date Analyzed: 10/2/00
Analyst: MS Preparation Method: E 1311 Prep Batch: PB04647 Date Prepared: 9/28/00

Param	Flag	Result	Units	Dilution	RDL
TCLP Mercury		<0.010	mg/L	1	0.01

Sample: 154327 - Blast Sand TK411

Analysis: TCLP Metals Analytical Method: S 6010B QC Batch: QC05330 Date Analyzed: 10/3/00
Analyst: RR Preparation Method: E 1311 Prep Batch: PB04576 Date Prepared: 10/2/00

Param	Flag	Result	Units	Dilution	RDL
TCLP Arsenic		<0.10	mg/L	1	0.10
TCLP Barium		<0.10	mg/L	1	0.10
TCLP Cadmium		<0.02	mg/L	1	0.02
TCLP Chromium		<0.05	mg/L	1	0.05
TCLP Lead		<0.10	mg/L	1	0.10
TCLP Selenium		<0.10	mg/L	1	0.10

Continued ...

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... Continued Sample: 154327 Analysis: TCLP Metals

Param	Flag	Result	Units	Dilution	RDL
TCLP Silver		<0.05	mg/L	1	0.05

Sample: 154327 - Blast Sand TK411

Analysis: TCLP Semivolatiles Analytical Method: E 8270C QC Batch: QC05276 Date Analyzed: 10/2/00
Analyst: MA Preparation Method: 1311 Prep Batch: PB04604 Date Prepared: 10/2/00

Param	Flag	Result	Units	Dilution	RDL
Pyridine		<0.05	mg/L	1	0.05
1,4-Dichlorobenzene		<0.05	mg/L	1	0.05
o-Cresol		<0.05	mg/L	1	0.05
m,p-Cresol		<0.05	mg/L	1	0.05
Hexachloroethane		<0.05	mg/L	1	0.05
Nitrobenzene		<0.05	mg/L	1	0.05
Hexachlorobutadiene		<0.05	mg/L	1	0.05
2,4,6-Trichlorophenol		<0.05	mg/L	1	0.05
2,4,5-Trichlorophenol		<0.05	mg/L	1	0.05
2,4-Dinitrotoluene		<0.05	mg/L	1	0.05
Hexachlorobenzene		<0.05	mg/L	1	0.05
Pentachlorophenol		<0.05	mg/L	1	0.05

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
2-Fluorophenol		23.86	mg/Kg	1	80	29	20 - 67
Phenol-d5		15.25	mg/Kg	1	80	19	7 - 55
Nitrobenzene-d5		55.07	mg/Kg	1	80	68	33 - 116
2-Fluorobiphenyl		55.53	mg/Kg	1	80	69	47 - 107
2,4,6-Tribromophenol		54.83	mg/Kg	1	80	68	47 - 113
Terphenyl-d14		33.22	mg/Kg	1	80	41	47 - 124

Sample: 154327 - Blast Sand TK411

Analysis: TCLP Volatiles Analytical Method: S 8260B QC Batch: QC05284 Date Analyzed: 10/1/00
Analyst: JG Preparation Method: 1311 Prep Batch: PB04611 Date Prepared: 10/1/00

Param	Flag	Result	Units	Dilution	RDL
Vinyl Chloride		<0.10	mg/L	1	0.001
1,1-Dichloroethene		<0.10	mg/L	1	0.001
Methyl ethyl ketone		<0.50	mg/L	1	0.01
Chloroform		<0.10	mg/L	1	0.001
1,2-Dichloroethane (EDC)		<0.10	mg/L	1	0.001
Benzene		<0.10	mg/L	1	0.001
Carbon Tetrachloride		<0.10	mg/L	1	0.001
Trichloroethene (TCE)		<0.10	mg/L	1	0.001
Tetrachloroethene (PCE)		<0.10	mg/L	1	0.001
Chlorobenzene		<0.10	mg/L	1	0.001
1,4-Dichlorobenzene		<0.10	mg/L	1	0.001

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Sample: 154328 - Blast Beads

Analysis: Corrosivity Analytical Method: S 1110 QC Batch: QC05327 Date Analyzed: 9/28/00
Analyst: TL Preparation Method: N/A Prep Batch: PB04645 Date Prepared: 9/28/00

Param	Flag	Result	Units	Dilution	RDL
Corrosivity		Non-corrosive	mm/yr	1	
pH		9.08	s.u.	1	

Sample: 154328 - Blast Beads

Analysis: Ignitability Analytical Method: SW-846 Ch. 7.1 QC Batch: QC05328 Date Analyzed: 9/28/00
Analyst: TL Preparation Method: Prep Batch: PB04646 Date Prepared: 9/28/00

Param	Flag	Result	Units	Dilution	RDL
Ignitability		non-ignitable		1	

Sample: 154328 - Blast Beads

Analysis: Reactivity Analytical Method: S 7.3 QC Batch: QC05326 Date Analyzed: 9/28/00
Analyst: TL Preparation Method: N/A Prep Batch: PB04644 Date Prepared: 9/28/00

Param	Flag	Result	Units	Dilution	RDL
Reactivity		Non-reactive		1	
Hydrogen Sulfide		<10		1	
Hydrogen Cyanide		<2.5		1	

Sample: 154328 - Blast Beads

Analysis: TCLP Hg Analytical Method: S 7470A QC Batch: QC05329 Date Analyzed: 10/2/00
Analyst: MS Preparation Method: E 1311 Prep Batch: PB04647 Date Prepared: 9/28/00

Param	Flag	Result	Units	Dilution	RDL
TCLP Mercury		<0.010	mg/L	1	0.01

Sample: 154328 - Blast Beads

Analysis: TCLP Metals Analytical Method: S 6010B QC Batch: QC05330 Date Analyzed: 10/3/00
Analyst: RR Preparation Method: E 1311 Prep Batch: PB04576 Date Prepared: 10/2/00

Param	Flag	Result	Units	Dilution	RDL
TCLP Arsenic		<0.10	mg/L	1	0.10
TCLP Barium		<0.10	mg/L	1	0.10
TCLP Cadmium		<0.02	mg/L	1	0.02
TCLP Chromium		<0.05	mg/L	1	0.05
TCLP Lead		<0.10	mg/L	1	0.10
TCLP Selenium		<0.10	mg/L	1	0.10
TCLP Silver		<0.05	mg/L	1	0.05

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Sample: 154328 - Blast Beads

Analysis: TCLP Semivolatiles Analytical Method: E 8270C QC Batch: QC05276 Date Analyzed: 10/2/00
Analyst: MA Preparation Method: 1311 Prep Batch: PB04604 Date Prepared: 10/2/00

Param	Flag	Result	Units	Dilution	RDL
Pyridine		<0.05	mg/L	1	0.05
1,4-Dichlorobenzene		<0.05	mg/L	1	0.05
o-Cresol		<0.05	mg/L	1	0.05
m,p-Cresol		<0.05	mg/L	1	0.05
Hexachloroethane		<0.05	mg/L	1	0.05
Nitrobenzene		<0.05	mg/L	1	0.05
Hexachlorobutadiene		<0.05	mg/L	1	0.05
2,4,6-Trichlorophenol		<0.05	mg/L	1	0.05
2,4,5-Trichlorophenol		<0.05	mg/L	1	0.05
2,4-Dinitrotoluene		<0.05	mg/L	1	0.05
Hexachlorobenzene		<0.05	mg/L	1	0.05
Pentachlorophenol		<0.05	mg/L	1	0.05

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
2-Fluorophenol		21.98	mg/Kg	1	80	27	20 - 67
Phenol-d5		14.03	mg/Kg	1	80	17	7 - 55
Nitrobenzene-d5		59.52	mg/Kg	1	80	74	33 - 116
2-Fluorobiphenyl		58.09	mg/Kg	1	80	72	47 - 107
2,4,6-Tribromophenol		58.86	mg/Kg	1	80	73	47 - 113
Terphenyl-d14		36.12	mg/Kg	1	80	45	47 - 124

Sample: 154328 - Blast Beads

Analysis: TCLP Volatiles Analytical Method: S 8260B QC Batch: QC05284 Date Analyzed: 10/1/00
Analyst: JG Preparation Method: 1311 Prep Batch: PB04611 Date Prepared: 10/1/00

Param	Flag	Result	Units	Dilution	RDL
Vinyl Chloride		<0.10	mg/L	1	0.001
1,1-Dichloroethene		<0.10	mg/L	1	0.001
Methyl ethyl ketone		<0.50	mg/L	1	0.01
Chloroform		<0.10	mg/L	1	0.001
1,2-Dichloroethane (EDC)		<0.10	mg/L	1	0.001
Benzene		<0.10	mg/L	1	0.001
Carbon Tetrachloride		<0.10	mg/L	1	0.001
Trichloroethene (TCE)		<0.10	mg/L	1	0.001
Tetrachloroethene (PCE)		<0.10	mg/L	1	0.001
Chlorobenzene		<0.10	mg/L	1	0.001
1,4-Dichlorobenzene		<0.10	mg/L	1	0.001

Sample: 154329 - Hydro Carbon Contam soil

Analysis: Corrosivity Analytical Method: S 1110 QC Batch: QC05327 Date Analyzed: 9/28/00
Analyst: TL Preparation Method: N/A Prep Batch: PB04645 Date Prepared: 9/28/00

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Param	Flag	Result	Units	Dilution	RDL
Corrosivity		Non-corrosive	mm/yr	1	
pH		7.26	s.u.	1	

Sample: 154329 - Hydro Carbon Contam soil

Analysis: Ignitability Analytical Method: SW-846 Ch. 7.1 QC Batch: QC05328 Date Analyzed: 9/28/00
Analyst: TL Preparation Method: Prep Batch: PB04646 Date Prepared: 9/28/00

Param	Flag	Result	Units	Dilution	RDL
Ignitability		non-ignitable		1	

Sample: 154329 - Hydro Carbon Contam soil

Analysis: Reactivity Analytical Method: S 7.3 QC Batch: QC05326 Date Analyzed: 9/28/00
Analyst: TL Preparation Method: N/A Prep Batch: PB04644 Date Prepared: 9/28/00

Param	Flag	Result	Units	Dilution	RDL
Reactivity		Non-reactive		1	
Hydrogen Sulfide		<10		1	
Hydrogen Cyanide		<2.5		1	

Sample: 154329 - Hydro Carbon Contam soil

Analysis: TCLP Hg Analytical Method: S 7470A QC Batch: QC05329 Date Analyzed: 10/2/00
Analyst: MS Preparation Method: E 1311 Prep Batch: PB04647 Date Prepared: 9/28/00

Param	Flag	Result	Units	Dilution	RDL
TCLP Mercury		<0.010	mg/L	1	0.01

Sample: 154329 - Hydro Carbon Contam soil

Analysis: TCLP Metals Analytical Method: S 6010B QC Batch: QC05330 Date Analyzed: 10/3/00
Analyst: RR Preparation Method: E 1311 Prep Batch: PB04576 Date Prepared: 10/2/00

Param	Flag	Result	Units	Dilution	RDL
TCLP Arsenic		<0.10	mg/L	1	0.10
TCLP Barium		<0.10	mg/L	1	0.10
TCLP Cadmium		<0.02	mg/L	1	0.02
TCLP Chromium		<0.05	mg/L	1	0.05
TCLP Lead		0.18	mg/L	1	0.10
TCLP Selenium		<0.10	mg/L	1	0.10
TCLP Silver		<0.05	mg/L	1	0.05

Sample: 154329 - Hydro Carbon Contam soil

Analysis: TCLP Semivolatiles Analytical Method: E 8270C QC Batch: QC05276 Date Analyzed: 10/2/00
Analyst: MA Preparation Method: 1311 Prep Batch: PB04604 Date Prepared: 10/2/00

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Param	Flag	Result	Units	Dilution	RDL
Pyridine		<0.05	mg/L	1	0.05
1,4-Dichlorobenzene		<0.05	mg/L	1	0.05
o-Cresol		<0.05	mg/L	1	0.05
m,p-Cresol		<0.05	mg/L	1	0.05
Hexachloroethane		<0.05	mg/L	1	0.05
Nitrobenzene		<0.05	mg/L	1	0.05
Hexachlorobutadiene		<0.05	mg/L	1	0.05
2,4,6-Trichlorophenol		<0.05	mg/L	1	0.05
2,4,5-Trichlorophenol		<0.05	mg/L	1	0.05
2,4-Dinitrotoluene		<0.05	mg/L	1	0.05
Hexachlorobenzene		<0.05	mg/L	1	0.05
Pentachlorophenol		<0.05	mg/L	1	0.05

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
2-Fluorophenol		23.16	mg/Kg	1	80	28	20 - 67
Phenol-d5		15.98	mg/Kg	1	80	19	7 - 55
Nitrobenzene-d5		42.19	mg/Kg	1	80	52	33 - 116
2-Fluorobiphenyl		41.99	mg/Kg	1	80	52	47 - 107
2,4,6-Tribromophenol		45.90	mg/Kg	1	80	57	47 - 113
Terphenyl-d14		39.06	mg/Kg	1	80	48	47 - 124

Sample: 154329 - Hydro Carbon Contam soil

Analysis: TCLP Volatiles Analytical Method: S 8260B QC Batch: QC05284 Date Analyzed: 10/1/00
Analyst: JG Preparation Method: 1311 Prep Batch: PB04611 Date Prepared: 10/1/00

Param	Flag	Result	Units	Dilution	RDL
Vinyl Chloride		<0.10	mg/L	1	0.001
1,1-Dichloroethene		<0.10	mg/L	1	0.001
Methyl ethyl ketone		<0.50	mg/L	1	0.01
Chloroform		<0.10	mg/L	1	0.001
1,2-Dichloroethane (EDC)		<0.10	mg/L	1	0.001
Benzene		<0.10	mg/L	1	0.001
Carbon Tetrachloride		<0.10	mg/L	1	0.001
Trichloroethene (TCE)		<0.10	mg/L	1	0.001
Tetrachloroethene (PCE)		<0.10	mg/L	1	0.001
Chlorobenzene		<0.10	mg/L	1	0.001
1,4-Dichlorobenzene		<0.10	mg/L	1	0.001

Quality Control Report Method Blank

Sample: Method Blank

QC Batch: QC05276

Param	Flag	Results	Units	Reporting Limit
Pyridine		<0.05	mg/L	0.05
1,4-Dichlorobenzene		<0.05	mg/L	0.05
o-Cresol		<0.05	mg/L	0.05
m,p-Cresol		<0.05	mg/L	0.05
Hexachloroethane		<0.05	mg/L	0.05
Nitrobenzene		<0.05	mg/L	0.05
Hexachlorobutadiene		<0.05	mg/L	0.05
2,4,6-Trichlorophenol		<0.05	mg/L	0.05
2,4,5-Trichlorophenol		<0.05	mg/L	0.05
2,4-Dinitrotoluene		<0.05	mg/L	0.05
Hexachlorobenzene		<0.05	mg/L	0.05
Pentachlorophenol		<0.05	mg/L	0.05

Surrogate	Flag	Result	Units	Spike Amount	Percent Recovery	Recovery Limit
2-Fluorophenol		19.44	mg/Kg	80	24	20 - 67
Phenol-d5		12.37	mg/Kg	80	15	7 - 55
Nitrobenzene-d5		49.63	mg/Kg	80	62	33 - 116
2-Fluorobiphenyl		49.37	mg/Kg	80	61	47 - 107
2,4,6-Tribromophenol		44.31	mg/Kg	80	55	47 - 113
Terphenyl-d14		45.98	mg/Kg	80	57	47 - 124

Sample: Method Blank

QCBatch: QC05284

Param	Flag	Results	Units	Reporting Limit
Vinyl Chloride		<0.10	mg/L	0.001
1,1-Dichloroethene		<0.10	mg/L	0.001
Methyl ethyl ketone		<0.50	mg/L	0.01
Chloroform		<0.10	mg/L	0.001
1,2-Dichloroethane (EDC)		<0.10	mg/L	0.001
Benzene		<0.10	mg/L	0.001
Carbon Tetrachloride		<0.10	mg/L	0.001
Trichloroethene (TCE)		<0.10	mg/L	0.001
Tetrachloroethene (PCE)		<0.10	mg/L	0.001
Chlorobenzene		<0.10	mg/L	0.001
1,4-Dichlorobenzene		<0.10	mg/L	0.001

Sample: Method Blank

QCBatch: QC05329

Param	Flag	Results	Units	Reporting Limit
TCLP Mercury		<0.010	mg/L	0.01

Sample: Method Blank

QCBatch: QC05330

Param	Flag	Results	Units	Reporting Limit
TCLP Arsenic		<0.10	mg/L	0.10
TCLP Barium		<0.10	mg/L	0.10
TCLP Cadmium		<0.02	mg/L	0.02
TCLP Chromium		<0.05	mg/L	0.05
TCLP Lead		<0.10	mg/L	0.10
TCLP Selenium		<0.10	mg/L	0.10
TCLP Silver		<0.05	mg/L	0.05

Quality Control Report Lab Control Spikes and Duplicate Spikes

Sample: LCS

QC Batch: QC05276

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Pyridine		11.94	mg/L	1	80	<0.05	14		0 - 92	20
1,4-Dichlorobenzene		48.90	mg/L	1	80	<0.05	61		39 - 87	20
o-Cresol		34.65	mg/L	1	80	<0.05	43		41 - 92	20
m,p-Cresol		65.08	mg/L	1	160	<0.05	40		7 - 127	20
Hexachloroethane		47.90	mg/L	1	80	<0.05	59		35 - 85	20
Nitrobenzene		51.68	mg/L	1	80	<0.05	64		43 - 108	20
Hexachlorobutadiene		49.21	mg/L	1	80	<0.05	61		38 - 89	20
2,4,6-Trichlorophenol		47.92	mg/L	1	80	<0.05	59		47 - 107	20
2,4,5-Trichlorophenol		46.02	mg/L	1	80	<0.05	57		49 - 105	20
2,4-Dinitrotoluene		49.81	mg/L	1	80	<0.05	62		49 - 105	20
Hexachlorobenzene		64.48	mg/L	1	80	<0.05	80		47 - 122	20
Pentachlorophenol		37.11	mg/L	1	80	<0.05	46		33 - 99	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
2-Fluorophenol		26.84	mg/Kg	1	80	33	20 - 67
Phenol-d5		17.36	mg/Kg	1	80	21	7 - 55
Nitrobenzene-d5		55.92	mg/Kg	1	80	69	33 - 116
2-Fluorobiphenyl		57.54	mg/Kg	1	80	71	47 - 107
2,4,6-Tribromophenol		48.00	mg/Kg	1	80	60	47 - 113
Terphenyl-d14		41.96	mg/Kg	1	80	52	47 - 124

Sample: LCSD

QC Batch: QC05276

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Pyridine		12.85	mg/L	1	80	<0.05	16	7	0 - 92	20

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Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
1,4-Dichlorobenzene		48.64	mg/L	1	80	<0.05	60	0	39 - 87	20
o-Cresol		36.41	mg/L	1	80	<0.05	45	5	41 - 92	20
m,p-Cresol		64.40	mg/L	1	160	<0.05	40	1	7 - 127	20
Hexachloroethane		48.17	mg/L	1	80	<0.05	60	0	35 - 85	20
Nitrobenzene		52.69	mg/L	1	80	<0.05	65	2	43 - 108	20
Hexachlorobutadiene		49.42	mg/L	1	80	<0.05	61	0	38 - 89	20
2,4,6-Trichlorophenol		48.03	mg/L	1	80	<0.05	60	0	47 - 107	20
2,4,5-Trichlorophenol		46.44	mg/L	1	80	<0.05	58	1	49 - 105	20
2,4-Dinitrotoluene		54.53	mg/L	1	80	<0.05	68	9	49 - 105	20
Hexachlorobenzene		60.22	mg/L	1	80	<0.05	75	7	47 - 122	20
Pentachlorophenol		44.31	mg/L	1	80	<0.05	55	18	33 - 99	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
2-Fluorophenol		25.93	mg/Kg	1	80	32	20 - 67
Phenol-d5		16.85	mg/Kg	1	80	21	7 - 55
Nitrobenzene-d5		56.33	mg/Kg	1	80	70	33 - 116
2-Fluorobiphenyl		56.70	mg/Kg	1	80	70	47 - 107
2,4,6-Tribromophenol		57.86	mg/Kg	1	80	72	47 - 113
Terphenyl-d14		41.82	mg/Kg	1	80	52	47 - 124

Sample: LCS

QC Batch: QC05284

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Vinyl Chloride		4.47	mg/L	1	5	<0.10	89		80 - 120	20
1,1-Dichloroethene		6.01	mg/L	1	5	<0.10	120		80 - 120	20
Methyl ethyl ketone		5.79	mg/L	1	5	<0.50	115		80 - 120	20
Chloroform		5.25	mg/L	1	5	<0.10	105		80 - 120	20
1,2-Dichloroethane (EDC)		5.22	mg/L	1	5	<0.10	104		80 - 120	20
Benzene		5.23	mg/L	1	5	<0.10	104		80 - 120	20
Carbon Tetrachloride		5.20	mg/L	1	5	<0.10	104		80 - 120	20
Trichloroethene (TCE)		5.28	mg/L	1	5	<0.10	105		80 - 120	20
Tetrachloroethene (PCE)		5.28	mg/L	1	5	<0.10	105		80 - 120	20
Chlorobenzene		5.19	mg/L	1	5	<0.10	103		80 - 120	20
1,4-Dichlorobenzene		5.20	mg/L	1	5	<0.10	104		80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
Dibromofluoromethane		54	mg/Kg	1	50	108	80 - 120
Toluene-d8		54	mg/Kg	1	50	108	80 - 120
4-Bromofluorobenzene		54	mg/Kg	1	50	108	80 - 120

Sample: LCSD

QC Batch: QC05284

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Vinyl Chloride		4.50	mg/L	1	5	<0.10	90	1	80 - 120	20
1,1-Dichloroethene		6.02	mg/L	1	5	<0.10	120	0	80 - 120	20
Methyl ethyl ketone		5.53	mg/L	1	5	<0.50	110	4	80 - 120	20
Chloroform		5.32	mg/L	1	5	<0.10	106	1	80 - 120	20
1,2-Dichloroethane (EDC)		5.30	mg/L	1	5	<0.10	106	2	80 - 120	20
Benzene		5.25	mg/L	1	5	<0.10	105	0	80 - 120	20
Carbon Tetrachloride		5.18	mg/L	1	5	<0.10	103	0	80 - 120	20
Trichloroethene (TCE)		5.32	mg/L	1	5	<0.10	106	1	80 - 120	20
Tetrachloroethene (PCE)		5.35	mg/L	1	5	<0.10	107	1	80 - 120	20
Chlorobenzene		5.30	mg/L	1	5	<0.10	106	2	80 - 120	20
1,4-Dichlorobenzene		5.19	mg/L	1	5	<0.10	103	0	80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
Dibromofluoromethane		54	mg/Kg	1	50	108	80 - 120
Toluene-d8		54	mg/Kg	1	50	108	80 - 120
4-Bromofluorobenzene		54	mg/Kg	1	50	108	80 - 120

Sample: LCS

QC Batch: QC05329

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Mercury		0.0548	mg/L	1	0.05	<0.010	109		80 - 120	20

Sample: LCSD

QC Batch: QC05329

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Mercury		0.0563	mg/L	1	0.05	<0.010	112	3	80 - 120	20

Sample: LCS

QC Batch: QC05330

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Arsenic		0.97	mg/L	1	1	<0.10	97		75 - 125	20
TCLP Barium		2.02	mg/L	1	2	<0.10	101		75 - 125	20
TCLP Cadmium		0.20	mg/L	1	0.20	<0.02	100		75 - 125	20
TCLP Chromium		0.41	mg/L	1	0.40	<0.05	102		75 - 125	20

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Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Lead		0.95	mg/L	1	1	<0.10	95		75 - 125	20
TCLP Selenium		0.88	mg/L	1	1	<0.10	88		75 - 125	20
TCLP Silver		0.19	mg/L	1	0.20	<0.05	95		75 - 125	20

Sample: LCSD

QC Batch: QC05330

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Arsenic		0.97	mg/L	1	1	<0.10	97	0	75 - 125	20
TCLP Barium		2.00	mg/L	1	2	<0.10	100	1	75 - 125	20
TCLP Cadmium		0.20	mg/L	1	0.20	<0.02	100	0	75 - 125	20
TCLP Chromium		0.41	mg/L	1	0.40	<0.05	102	0	75 - 125	20
TCLP Lead		0.94	mg/L	1	1	<0.10	94	1	75 - 125	20
TCLP Selenium		0.88	mg/L	1	1	<0.10	88	0	75 - 125	20
TCLP Silver		0.19	mg/L	1	0.20	<0.05	95	0	75 - 125	20

Quality Control Report Matrix Spikes and Duplicate Spikes

Sample: MS

QC Batch: QC05284

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Vinyl Chloride		4.85	mg/L	1	5	<0.10	97		80 - 120	20
1,1-Dichloroethene		6.26	mg/L	1	5	<0.10	125		80 - 120	20
Methyl ethyl ketone		5.24	mg/L	1	5	<0.50	104		80 - 120	20
Chloroform		5.45	mg/L	1	5	<0.10	109		80 - 120	20
1,2-Dichloroethane (EDC)		5.48	mg/L	1	5	<0.10	109		80 - 120	20
Benzene		5.35	mg/L	1	5	<0.10	107		80 - 120	20
Carbon Tetrachloride		5.26	mg/L	1	5	<0.10	105		80 - 120	20
Trichloroethene (TCE)		5.44	mg/L	1	5	<0.10	108		80 - 120	20
Tetrachloroethene (PCE)		5.50	mg/L	1	5	<0.10	110		80 - 120	20
Chlorobenzene		5.43	mg/L	1	5	<0.10	108		80 - 120	20
1,4-Dichlorobenzene		5.27	mg/L	1	5	<0.10	105		80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
Dibromofluoromethane		55	mg/Kg	1	50	110	80 - 120
Toluene-d8		54.5	mg/Kg	1	50	109	80 - 120
4-Bromofluorobenzene		54	mg/Kg	1	50	108	80 - 120

Sample: MSD

QC Batch: QC05284

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Vinyl Chloride		4.95	mg/L	1	5	<0.10	99	2	80 - 120	20
1,1-Dichloroethene		6.36	mg/L	1	5	<0.10	127	2	80 - 120	20
Methyl ethyl ketone		4.58	mg/L	1	5	<0.50	91	13	80 - 120	20
Chloroform		5.46	mg/L	1	5	<0.10	109	0	80 - 120	20
1,2-Dichloroethane (EDC)		5.47	mg/L	1	5	<0.10	109	0	80 - 120	20
Benzene		5.47	mg/L	1	5	<0.10	109	2	80 - 120	20
Carbon Tetrachloride		5.29	mg/L	1	5	<0.10	105	0	80 - 120	20
Trichloroethene (TCE)		5.55	mg/L	1	5	<0.10	111	2	80 - 120	20
Tetrachloroethene (PCE)		5.68	mg/L	1	5	<0.10	113	3	80 - 120	20
Chlorobenzene		5.57	mg/L	1	5	<0.10	111	2	80 - 120	20
1,4-Dichlorobenzene		5.33	mg/L	1	5	<0.10	106	1	80 - 120	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
Dibromofluoromethane		54.5	mg/Kg	1	50	109	80 - 120
Toluene-d8		54.5	mg/Kg	1	50	109	80 - 120
4-Bromofluorobenzene		54	mg/Kg	1	50	108	80 - 120

Sample: MS

QC Batch: QC05329

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Mercury		0.0550	mg/L	1	0.05	<0.010	110		80 - 120	20

Sample: MSD

QC Batch: QC05329

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Mercury		0.0571	mg/L	1	0.05	<0.010	114	4	80 - 120	20

Sample: MS

QC Batch: QC05330

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Arsenic		0.96	mg/L	1	2	<0.10	48		75 - 125	20
TCLP Barium		2.06	mg/L	1	2	<0.10	103		75 - 125	20
TCLP Cadmium		0.20	mg/L	1	0.20	<0.02	100		75 - 125	20
TCLP Chromium		0.40	mg/L	1	0.40	<0.05	100		75 - 125	20

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Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Lead		0.93	mg/L	1	1	<0.10	93		75 - 125	20
TCLP Selenium		0.88	mg/L	1	1	<0.10	88		75 - 125	20
TCLP Silver		0.19	mg/L	1	0.20	<0.05	95		75 - 125	20

Sample: MSD

QC Batch: QC05330

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
TCLP Arsenic		0.97	mg/L	1	1	<0.10	48	1	75 - 125	20
TCLP Barium		2.07	mg/L	1	2	<0.10	103	0	75 - 125	20
TCLP Cadmium		0.20	mg/L	1	0.20	<0.02	100	0	75 - 125	20
TCLP Chromium		0.40	mg/L	1	0.40	<0.05	100	0	75 - 125	20
TCLP Lead		0.94	mg/L	1	1	<0.10	94	1	75 - 125	20
TCLP Selenium		0.88	mg/L	1	1	<0.10	88	0	75 - 125	20
TCLP Silver		0.19	mg/L	1	0.20	<0.05	95	0	75 - 125	20

Quality Control Report Duplicate Samples

Sample: Duplicate

QC Batch: QC05326

Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Reactivity		Non-reactive	Non-reactive		1	0	20
Hydrogen Sulfide		<10	<10		1	0	20
Hydrogen Cyanide		<2.5	<2.5		1	0	20

Sample: Duplicate

QC Batch: QC05328

Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Ignitability		Non-ignitable	non-ignitable		1	0	20

Quality Control Report Continuing Calibration Verification Standards

Sample: CCV (1)

QC Batch: QC05276

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Pyridine		mg/L	60	56.74	94	0 - 92	10/2/00
1,4-Dichlorobenzene		mg/L	60	59.96	99	39 - 87	10/2/00
o-Cresol		mg/L	60	53.25	88	41 - 92	10/2/00
m,p-Cresol		mg/L	60	51.19	85	7 - 127	10/2/00
Hexachloroethane		mg/L	60	58.63	97	35 - 85	10/2/00
Nitrobenzene		mg/L	60	60.62	101	43 - 108	10/2/00
Hexachlorobutadiene		mg/L	60	65.17	108	38 - 89	10/2/00
2,4,6-Trichlorophenol		mg/L	60	60.78	101	47 - 107	10/2/00
2,4,5-Trichlorophenol		mg/L	60	57.96	96	49 - 105	10/2/00
2,4-Dinitrotoluene		mg/L	60	60.63	101	49 - 105	10/2/00
Hexachlorobenzene		mg/L	60	59.17	98	47 - 122	10/2/00
Pentachlorophenol		mg/L	60	71.77	119	33 - 99	10/2/00
2-Fluorophenol		mg/L	60	59.73	99	20 - 67	10/2/00
Phenol-d5		mg/L	60	53.14	88	7 - 55	10/2/00
Nitrobenzene-d5		mg/L	60	60.73	101	33 - 116	10/2/00
2-Fluorobiphenyl		mg/L	60	59.59	99	47 - 107	10/2/00
2,4,6-Tribromophenol		mg/L	60	57.43	95	47 - 113	10/2/00
Terphenyl-d14		mg/L	60	55.05	91	47 - 124	10/2/00

Sample: CCV (1)

QC Batch: QC05284

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Vinyl Chloride		mg/L	100	114	114	80 - 120	10/1/00
1,1-Dichloroethene		mg/L	100	92	92	80 - 120	10/1/00
Methyl ethyl ketone		mg/L	100	82	82	80 - 120	10/1/00
Chloroform		mg/L	100	84	84	80 - 120	10/1/00
1,2-Dichloroethane (EDC)		mg/L	100	86	86	80 - 120	10/1/00
Benzene		mg/L	100	86	86	80 - 120	10/1/00
Carbon Tetrachloride		mg/L	100	81	81	80 - 120	10/1/00
Trichloroethene (TCE)		mg/L	100	84	84	80 - 120	10/1/00
Tetrachloroethene (PCE)		mg/L	100	81	81	80 - 120	10/1/00
Chlorobenzene		mg/L	100	86	86	80 - 120	10/1/00
1,4-Dichlorobenzene		mg/L	100	82	82	80 - 120	10/1/00
Dibromofluoromethane		mg/L	50	55	110	80 - 120	10/1/00
Toluene-d8		mg/L	50	53	106	80 - 120	10/1/00
4-Bromofluorobenzene		mg/L	50	54	108	80 - 120	10/1/00

Sample: CCV (1)

QC Batch: QC05329

Continued ...

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Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Mercury		mg/L	0.05	0.0509	101	80 - 120	10/2/00

Sample: CCV (1)

QC Batch: QC05330

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Arsenic		mg/L	2.50	2.62	104	75 - 125	10/3/00
TCLP Barium		mg/L	5	5.19	103	75 - 125	10/3/00
TCLP Cadmium		mg/L	0.50	0.52	104	75 - 125	10/3/00
TCLP Chromium		mg/L	1	1.04	104	75 - 125	10/3/00
TCLP Lead		mg/L	2.50	2.57	102	75 - 125	10/3/00
TCLP Selenium		mg/L	2.50	2.63	105	75 - 125	10/3/00
TCLP Silver		mg/L	0.50	0.51	102	75 - 125	10/3/00

Sample: ICV (1)

QC Batch: QC05330

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Arsenic		mg/L	2.50	2.55	102	75 - 125	10/3/00
TCLP Barium		mg/L	5	5.14	102	75 - 125	10/3/00
TCLP Cadmium		mg/L	0.50	0.51	102	75 - 125	10/3/00
TCLP Chromium		mg/L	1	1.02	102	75 - 125	10/3/00
TCLP Lead		mg/L	2.50	2.53	101	75 - 125	10/3/00
TCLP Selenium		mg/L	2.50	2.58	103	75 - 125	10/3/00
TCLP Silver		mg/L	0.50	0.51	102	75 - 125	10/3/00

TraceAnalysis, Inc.

LAB Order ID #

Sampler Signature: Bryan Macdonald

Relinquished by: <i>Byron Madril</i>	Date: <i>9/29/00</i>	Time: <i>10:25</i>	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: <i>Ali Nuseir</i>	Date: <i>9-27-00</i>	Time: <i>2:00 PM</i>

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.B.C.

(Circle or Specify Method No.)

LAB USE ONLY Intact <u> X </u> IN Headspace <u> Y </u> IN Temp <u> 2 </u> ° Log-In Review <u> B </u>	REMARKS:
	PLEASE FAX RESULTS
	ALONG WITH DOE ASAP.
	LET ME KNOW IF SAMPLE
	DOESN'T ARRIVE COLO.

Carrier # Fed ex

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

RECEIVED
JUN 15 2001

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1995
RECEIVED
JUN 29 2001
Submit Original
Plus 1 Copy
to Appropriate
District Office
Environmental Bureau
Oil Conservation Division

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒	4. Generator Navajo Refining Company 5. Originating Site Artesia and Lovington Facility
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter Champion
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 501 East Main, Artesia	New Mexico
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:

06-04-01

Plant solid waste generated through plant operations at Artesia and Lovington facilities at approximately 10 yards per month for each facility.

Enclosed is a certificate of waste status and letter (see attached), and analytical on pall rings to extend this process for the year 2001.

Estimated Volume see above cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 6-13-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: [Signature] TITLE: Environmental Geologist DATE: 7-2-01
APPROVED BY: _____ TITLE: _____ DATE: _____



REFINING COMPANY

FAX

(505) 746-5283 DIV. ORDERS
(505) 746-5481 TRUCKING
(505) 746-5458 PERSONNEL

501 EAST MAIN STREET • P. O. BOX 159
ARTESIA, NEW MEXICO 88211-0159
TELEPHONE (505) 748-3311

FAX

(505) 746-5419 ACCOUNTING
(505) 746-5451 EXECUTIVE
(505) 746-5421 ENGINEERING
(505) 746-5480 P/L

Ken Marsh
CRI
P.O. Box 388
Hobbs, NM 88241

6/12/01

I would like to get the following waste profiled into your facility. This waste is trash that is generated around the refinery here in Artesia, as well as, Lovington.

- (1) Cardboard Boxes
- (2) Pallets
- (3) Paper with oil on it.
- (4) Insulation
- (5) Plastic
- (6) Rags
- (7) Pall Rings- with coke caked on them.

The above waste is Non Hazardous material that would be transported in 20 yard roll off bins by Champion Inc. Included you will find a Certification of Waste Status.

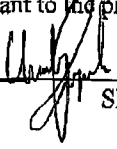
Sincerely,

Charles Plymale
Environmental Specialist

**CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"**

COMPANY / GENERATOR: Navajo Refining CompanyADDRESS: 501 East MainGENERATING SITE: Navajo Refining Company—Lovington and ArtesiaCOUNTY: Eddy and LeaSTATE: NMTYPE OF WASTE: Misc. Trash and DebrisESTIMATED VOLUME: 10 yard roll off binsGENERATING PROCESS: Trash and Debris from around Plant (Pallets, Concrete, Cardboard boxes, insulation, plastic, paper, rags, pall rings.)REMARKS: This is trash and misc material that is generated around the refineryNMOCD FACILITY: Controlled Recovery IncorporatedTRUCKING COMPANY: Champion

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.3.

AGENT:  SIGNATURENAME: Charlie Plymale
PRINTEDADDRESS: 501 EAST MAINARTESIA, NM 88210DATE: 6/12/01



ANALYTICAL REPORT

DATE: 12/05/1995

JOB NO: 95.08844

DATE TAKEN: 11/22/1995

SAMPLE NO: 285436

DATE RECEIVED: 11/27/1995

SAMPLE DESCRIPTION: COKED PALL RINGS

RCRA TOXICITY CHARACTERIZATION

TCLP CONTAMINANT	REGULATORY THRESHOLD	ANALYSIS RESULT	UNITS	DATE ANALYZED
Cyanide, Reactive	250	<0.25	mg/kg	12/04/1995
pH, Corrosivity	<2.0/>12.5	8.4	units	11/29/1995
Sulfide, Reactive	500	<12.5	mg/kg	12/04/1995
TCLP-Arsenic, ICP	5.0	0.95	mg/L	11/29/1995
TCLP-Barium, ICP	100.0	0.33	mg/L	11/29/1995
TCLP-Cadmium, ICP	1.0	<0.01	mg/L	11/29/1995
TCLP-Chromium, ICP	5.0	0.03	mg/L	11/29/1995
TCLP-Lead, ICP	5.0	<0.03	mg/L	11/29/1995
TCLP-Mercury, CVAA	0.2	<0.0002	mg/L	12/04/1995
TCLP-Selenium, ICP	1.0	<0.04	mg/L	11/29/1995
TCLP-Silver, ICP	5.0	<0.01	mg/L	11/29/1995
Ignitability	<140	DNB		12/01/1995
TCLP-ACID EXTRACTABLES - 8270				
TCLP-Cresols, Total	200.0	<0.033	mg/L	12/01/1995
TCLP-Pentachlorophenol	100.0	<0.13	mg/L	12/01/1995
TCLP-2,4,5-Trichlorophenol	400.0	<0.033	mg/L	12/01/1995
TCLP-2,4,6-Trichlorophenol	2.0	<0.033	mg/L	12/01/1995
SURR: 2-Fluorophenol	21-100	79	% Rec	12/01/1995
SURR: Phenol-d5	10-94	72	% Rec	12/01/1995
SURR: 2,4,6-Tribromophenol	10-123	63	% Rec	12/01/1995
TCLP-BASE NEUTRALS - 8270				
TCLP-1,4-Dichlorobenzene	7.5	<0.033	mg/L	12/01/1995
TCLP-2,4-Dinitrotoluene	0.13	<0.033	mg/L	12/01/1995
TCLP-Hexachlorobenzene	0.13	<0.033	mg/L	12/01/1995
TCLP-Hexachlorobutadiene	0.5	<0.033	mg/L	12/01/1995
TCLP-Hexachloroethane	3.0	<0.033	mg/L	12/01/1995
TCLP-Nitrobenzene	2.0	<0.033	mg/L	12/01/1995
TCLP-Pyridine	5.0	<0.033	mg/L	12/01/1995
SURR: 2-Fluorobiphenyl	43-116	64	% Rec	12/01/1995
SURR: Nitrobenzene-d5	35-114	63	% Rec	12/01/1995
SURR: Terphenyl-d14	33-141	94	% Rec	12/01/1995
TCLP-8240				
TCLP-Benzene	0.5	<0.02	mg/L	12/04/1995
TCLP-2-Butanone (MEK)	200.0	<0.1	mg/L	12/04/1995
TCLP-Carbon Tetrachloride	0.5	<0.02	mg/L	12/04/1995

DNB=Does Not Burn.

S - SW 846



ANALYTICAL REPORT

DATE: 12/05/1995

JOB NO: 95.08844

DATE TAKEN: 11/22/1995

SAMPLE NO: 285436

DATE RECEIVED: 11/27/1995

SAMPLE DESCRIPTION: COKED PALL RINGS

RCRA TOXICITY CHARACTERIZATION

TCLP CONTAMINANT	REGULATORY THRESHOLD	ANALYSIS RESULT	UNITS	DATE ANALYZED
TCLP-Chlorobenzene	100.0	<0.02	mg/L	12/04/1995
TCLP-Chloroform	6.0	<0.02	mg/L	12/04/1995
TCLP-1,2-Dichloroethane	0.5	<0.02	mg/L	12/04/1995
TCLP-1,1-Dichloroethene	0.7	<0.02	mg/L	12/04/1995
TCLP-Tetrachloroethene	0.7	<0.02	mg/L	12/04/1995
TCLP-Trichloroethene	0.5	<0.02	mg/L	12/04/1995
TCLP-Vinyl chloride	0.2	<0.05	mg/L	12/04/1995
SURR: 1,2-Dichloroethane-d4	76-114	83	% Rec	12/04/1995
SURR: Toluene-d8	88-110	109	% Rec	12/04/1995
SURR: 4-Bromofluorobenzene	86-115	96	% Rec	12/04/1995

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1995

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 ☒	4. Generator Navajo Refining Co.
2. Management Facility Destination Controlled Recovery, Inc.	5. Originating Site Hobbs
3. Address of Facility Operator P.O. Box 388, Hobbs	6. Transporter Unknown
7. Location of Material (Street Address or ULSTR) N.W. corner of Rash & Humble Hobbs, NM	8. State New Mexico
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:

06-27-01A

Crude oil spill from pipeline.

Enclosed is a certificate of waste status and waste determination letter.

RECEIVED

AUG 14 2001

Environmental Bureau
Oil Conservation Division

Estimated Volume appx. 1,500 yds. cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 6-27-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: [Signature] TITLE: Environmental Engr. DATE: 8-13-01

APPROVED BY: [Signature] TITLE: Bureau Chief DATE: 8/14/01

RECEIVED

AUG 14 2001

Division of Conservation
Environmental Training



CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"

COMPANY/GENERATOR Navajo Refining Company

ADDRESS P.O. Box 159, Artesia, NM 88211

GENERATING SITE NW corner of Rash and Humble, Hobbs, NM

COUNTY Lea STATE NM

TYPE OF WASTE Crude oil spill from pipeline

ESTIMATED VOLUME 1,500 yards

GENERATING PROCESS Crude oil spill from pipeline

REMARKS _____

NMOCD FACILITY Controlled Recovery, Inc.

TRUCKING COMPANY Unknown

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 2613.

AGENT Darrell Moore
SIGNATURE

NAME Darrell Moore
PRINTED

ADDRESS P.O. Box 159

Artesia, NM 88211

DATE 6-27-01





NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

June 13, 2001

Lori Wrotenbery

Director

Oil Conservation Division

CERTIFIED MAIL

RETURN RECEIPT NO. 7099-3220-0000-5051-2399

Mr. Darrell Moore
Navajo Refining Co.
P.O. Box 159
Artesia, NM 88211-0159

RE: Navajo Refining Company, Crude Oil Pipeline and Trucking Spills

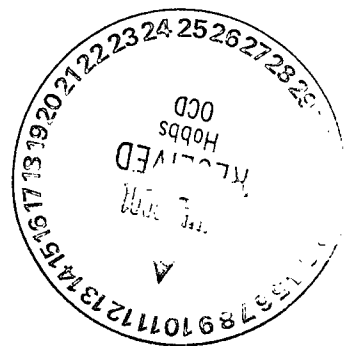
Dear Mr. Moore:

The New Mexico Oil Conservation Division (OCD) has reviewed the Navajo Refining Company's (Navajo) January 15, 2001 letter regarding Navajo, crude oil pipeline and trucking spills. The letter requests that Navajo be allowed to use the analyses submitted previously on December 28, 1995, January 30, 1996 and statement of process knowledge for determining the soils to be RCRA non-hazardous during future crude oil pipeline and trucking spill remediations.

The above referenced request is approved with the following conditions:

1. The above representative analyses can be used in lieu of individual sampling of each spill event until December 31, 2005.
2. Navajo will reference the above waste determination in all future RCRA non-exempt crude oil spill reports to the OCD.
3. Navajo will notify the OCD within 24 hours of any system changes which could potentially alter the composition of any spilled crude such that RCRA hazardous waste characteristics in the spill area could be exceeded.

Please be advised that OCD approval does not relieve Navajo of liability should these types of leaks and spills result in actual contamination of surface water, ground water of the environment. In addition, OCD approval does not relieve Navajo of responsibility for compliance with any other federal, state or local laws and/or regulations. If you have any questions please contact me at (505) 476-3490.



Mr. Darrell Moore
Navajo Refining Co.
June 13, 2001

Sincerely,

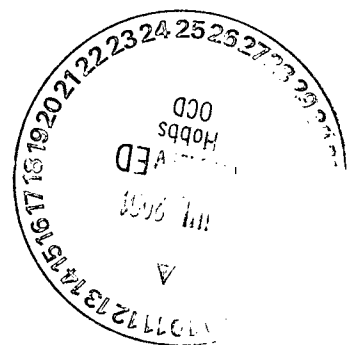
A handwritten signature in black ink, appearing to read "Roger C. Anderson", written over a horizontal line.

Roger C. Anderson
Environmental Bureau Chief

RCA/mjk

xc: Hobbs OCD Office
Artesia OCD Office

2000



District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1995
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 ☒	4. Generator Navajo Refining 5. Originating Site Artesia Facility
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter CRI
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 501 East Main, Hobbs	New Mexico
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:

07-26-01B

D370/371 Catalyst generated in drying the air used by instrumentation.

I am enclosing a certificate of waste status, analytical, chain of custody, and process of knowledge letter to approve this waste stream for the year 2001.

RECEIVED
AUG 14 2001
Environmental Bureau
Oil Conservation Division

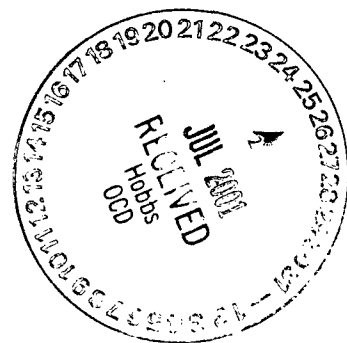
Estimated Volume 20 yards cy Known Volume (to be entered by the operator at the end of the haul) cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 7-26-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: [Signature]	TITLE: Environmental Eng.	DATE: 8-13-01
APPROVED BY: [Signature]	TITLE: Bureau Chief	DATE: 8/14/01





REFINING COMPANY

FAX

(505) 746-5283 DIV. ORDERS
(505) 746-5481 TRUCKING
(505) 746-5458 PERSONNEL

501 EAST MAIN STREET • P. O. BOX 159
ARTESIA, NEW MEXICO 88211-0159
TELEPHONE (505) 748-3311

FAX

(505) 746-5419 ACCOUNTING
(505) 746-5451 EXECUTIVE
(505) 746-5421 ENGINEERING
(505) 746-5480 P / L

July 23, 2001

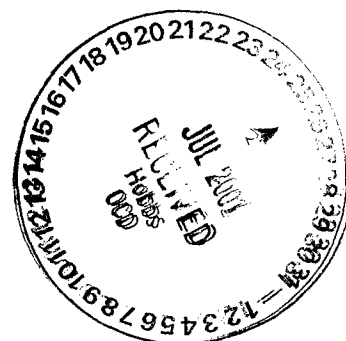
Ken Marsh
CRI
P.O. Box 388
Hobbs, NM 88214

Ken,

I would like to get Catalyst D-370/371 profiled into your facility. This catalyst aides in drying the air that is used by some of our instrumentation. I am enclosing a recent analysis of this catalyst. This catalyst is NON HAZARDOUS and would be transported in 20 yard roll off bins by Champion Inc.

Sincerely,

Charlie Plymale
Environmental Specialist



**CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"**

COMPANY / GENERATOR: Navajo Refining CompanyADDRESS: 501 East MainGENERATING SITE: Navajo Refining CompanyCOUNTY: EddySTATE: NMTYPE OF WASTE: D-370/371 CatalystESTIMATED VOLUME: 20 yardsGENERATING PROCESS: Catalyst aides in drying the air used by instrumentation.REMARKS: Analysis enclosedNMOCD FACILITY: Controlled Recovery IncorporatedTRUCKING COMPANY: Champion

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 2613.

AGENT: _____

SIGNATURE

NAME: Charlie Plymale

PRINTED

ADDRESS: 501 EAST MAINARTESIA, NM 88210

DATE: _____



TraceAnalysis, Inc.

6701 Aberdeen Ave., Suite 9

Lubbock, TX 79424-1515

(806) 794-1296

Report Date: July 20, 2001 Order Number: A01062116
 N/A 0-370/371

Page Number: 1 of 2
 Artesia

Summary Report

Charlie Plymale
 Navajo Refining
 501 E. Main
 Artesia, NM 88210

Report Date: July 20, 2001

Order ID Number: A01062116

Project Number: N/A
 Project Name: 0-370/371
 Project Location: Artesia

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
173750	D-370/371	Solid	6/20/01	9:15	6/21/01

This report consists of a total of 2 page(s) and is intended only as a summary of results for the sample(s) listed above.

Sample: 173750 - D-370/371

Param	Flag	Result	Units
Corrosivity		Non-corrosive	mm/yr
pH		9.0	s.u.
Ignitability		Non-ignitable	
Reactivity		Non-reactive	
Hydrogen Sulfide		<10	mg/Kg
Hydrogen Cyanide		<2.5	mg/Kg
TCLP Mercury		<0.010	mg/L
TCLP Arsenic		<1.0	mg/L
TCLP Barium		1.56	mg/L
TCLP Cadmium		<.5	mg/L
TCLP Chromium		<.10	mg/L
TCLP Lead		<.50	mg/L
TCLP Selenium		<1.0	mg/L
TCLP Silver		<.10	mg/L
Pyridine		<0.05	mg/L
1,4-Dichlorobenzene		<0.05	mg/L
o-Cresol		<0.05	mg/L
m,p-Cresol		<0.05	mg/L
Hexachlorocyclopentadiene		<0.05	mg/L
Nitrobenzene		<0.05	mg/L
Hexachlorobutadiene		<0.05	mg/L
2,4,6-Trichlorophenol		<0.05	mg/L
2,4,5-Trichlorophenol		<0.05	mg/L
2,4-Dinitrotoluene		<0.05	mg/L
2,4-D		<0.05	mg/L
Hexachlorobenzene		<0.05	mg/L
2,4,5-TP		<0.05	mg/L
Pentachlorophenol		<0.05	mg/L
Vinyl Chloride		<0.05	mg/L
1,1-Dichloroethene		<0.05	mg/L
Methyl ethyl ketone		<0.05	mg/L
Chloroform		<0.05	mg/L

Continued on next page ...



Trace Analysis, Inc.

6701 Aberdeen Ave., Suite 9

Lubbock, TX 79424-1516

(806) 794-1296

Report Date: July 20, 2001 Order Number: A01062116

N/A

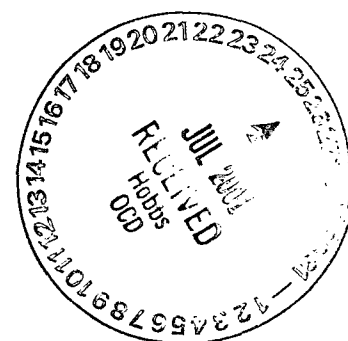
0-370/371

Page Number: 2 of 2

Artesia

Sample 173750 continued...

Param	Flag	Result	Units
1,2-Dichloroethane (EDC)		<0.05	mg/L
Benzene		<0.05	mg/L
Carbon Tetrachloride		<0.05	mg/L
Trichloroethene (TCE)		<0.05	mg/L
Tetrachloroethene (PCE)		<0.05	mg/L
Chlorobenzene		<0.05	mg/L
1,4-Dichlorobenzene		<0.05	mg/L



Page 1 of 1

TraceAnalysis, Inc.

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 375-1298

155 McCutcheon, Suite 14
El Paso, Texas 79902
Tel (915) 835-3443
Fax (915) 835-4944
1 (808) 388-8443

Company Name: **NAVAJO** Phone #: **505 748 3311**
Address: (Street, City, Zip) **501 E. Main** Fax #: **505 746 5421**
Contact Person: **Charlie Agnate**
Voice to: (different from above)
Object #:

Project Name: **Q-370/371**
Sampler Signature: *[Signature]*

Field Location: **Artesia**

FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX				PRESERVATIVE METHOD						SAMPLING	
			WATER	SOIL	AIR	SLUDGE	Catalyzed	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	TIME
Q-370/371	1	1L					X					X	X	4/4/95

Received by: **[Signature]** Date: **6/20/01** Time: **1615**
Received by: _____ Date: _____ Time: _____
Received by: _____ Date: _____ Time: _____

MAN-OF-CUSTOD AND ANALYSIS REQUEST

ANALYSIS REQUEST

(Circle or Specify Method No.)

MTBE B021B/602	
BTEX B021B/602	
PAH B270C	
Total Aromatic Hydrocarbon (C ₁₀ to C ₂₈)	
ICP Metals Ag As Cd Cr Cu Pb Zn Hg	X
ICP Vanilias	X
TCLP Vanilias	X
TCLP Semi Vanilias	X
TCLP Pesticides	X
HCl	X
GC/MS Vol. B290B/624	
PCB's B082/608	
Residues M081/608	
UOP T20, PH	
Turn Around Time if different from standard	

REMARKS:

LAB USE ONLY

☐ Check I Spot Report
Limit's As Note

TraceAnalysis, Inc. constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.



District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

NOV 05 2001

Environmental Bureau
Oil Conservation Division

Form C-13E
Revised March 17, 1995

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 ☒	4. Generator Navajo Refining 5. Originating Site Artesia & El Paso Facilities
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter BES
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 501 E. Main, Artesia, NM	1000 E. Side Dr., El Paso, TX
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.	

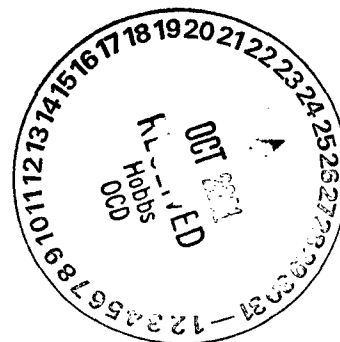
BRIEF DESCRIPTION OF MATERIAL:

10-24-01

Pipeline filters used to separate solids from finished products being transferred in pipelines to our El Paso terminal.

Enclosed is certificate of waste status, analytical data, and process of knowledge letter.

Col



Estimated Volume 20 yards cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: [Signature] TITLE: Environmental Engineer DATE: 10-29-01

APPROVED BY: [Signature] TITLE: Environmental Geologist DATE: 11-5-01

**CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"**

COMPANY / GENERATOR: Navajo Refining Company

ADDRESS: 501 East Main, Artesia NM and 1000 East Side Drive, El Paso TX

GENERATING SITE: Navajo Refining Company and El Paso Terminal

COUNTY: Eddy

STATE: NM, TX

TYPE OF WASTE: Pipeline Filters

ESTIMATED VOLUME: 20 yards

GENERATING PROCESS: Filters are used to separate solids from finished products being transferred in pipelines to our El Paso terminal.

REMARKS: Process has not changed, therefore, enclosed is a letter from the NMED verifying this waste is non hazardous.

NMOCD FACILITY: Controlled Recovery Incorporated

TRUCKING COMPANY: BES Rentals or Champion Inc.

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.3.

AGENT: Charlie Plymale
SIGNATURE

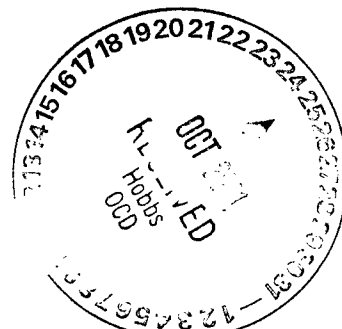
NAME: CHARLIE PLYMALE
PRINTED

ADDRESS: 501 EAST MAIN

ARTESIA, NM 88210

DATE: 10-24-01

Post-It® Fax Note	7671	Date	10-25-01	# of pages	1
To	Carmelino	From	Charlie Plymale		
Co./Dept.		Co.	Navajo		
Phone #	393-1079	Phone #	882-748-3311		
Fax #	393-3015	Fax #	882-740-9421		





REFINING COMPANY

FAX

(505) 746-5283 DIV. ORDERS
(505) 746-5481 TRUCKING
(505) 746-5458 PERSONNEL

501 EAST MAIN STREET • P. O. BOX 159
ARTESIA, NEW MEXICO 88211-0159
TELEPHONE (505) 748-3311

FAX

(505) 746-5419 ACCOUNTING
(505) 746-5451 EXECUTIVE
(505) 746-5421 ENGINEERING
(505) 746-5480 P / L

Ken Marsh
CRI
P.O.Box 388
Hobbs, NM 88241

Oct. 23, 2001

I would like to get the following material profiled into your facility. This material has been profiled before for the Artesia Refinery and for our El Paso Terminal. I would like to combine our current C-138 (10-008 filter profile) with a profile for our El Paso Terminal.

1. Pipeline Filters (Filters are used to separate solids from finished products being transferred in pipelines to and from our El Paso Terminal).

The analytical on these filters is the same for Artesia Refinery and El Paso Terminal. The process has not changed for this waste.

Sincerely,

Charlie Plymale
Environmental Specialist



Report Date: January 25, 2001

Order Number: A01011221

Page Number: 2 of 10

N/A

N/A

N/A

Analytical Report

Sample: 162409 - Cartiridge Filter

Analysis: Corrosivity Analytical Method: S 1110 QC Batch: QC08184 Date Analyzed: 1/15/01
 Analyst: TML Preparation Method: N/A Prep Batch: PB07116 Date Prepared: 1/16/01

Param	Flag	Result	Units	Dilution	RDL
Corrosivity		non	mm/yr	1	
pH		6.37	s.u.	1	

Sample: 162409 - Cartiridge Filter

Analysis: Ignitability Analytical Method: SW-846 Ch. 7.1 QC Batch: QC08145 Date Analyzed: 1/15/01
 Analyst: RR Preparation Method: Prep Batch: PB07117 Date Prepared: 1/16/01

Param	Flag	Result	Units	Dilution	RDL
Ignitability		non-ignitable		1	

Sample: 162409 - Cartiridge Filter

Analysis: Reactivity Analytical Method: ASTM D 5049-90/4978-95 QC Batch: QC08147 Date Analyzed: 1/15/01
 Analyst: RR Preparation Method: N/A Prep Batch: PB07115 Date Prepared: 1/16/01

Param	Flag	Result	Units	Dilution	RDL
Reactivity		Non-reactive		1	
Hydrogen Sulfide		<10		1	
Hydrogen Cyanide		<2.5		1	

Sample: 162409 - Cartiridge Filter

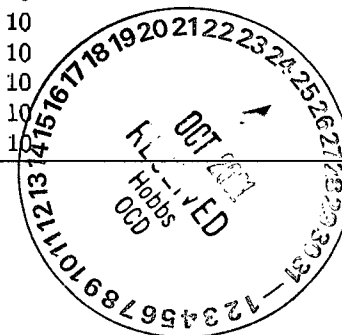
Analysis: TCLP Hg Analytical Method: S 7470A QC Batch: QC08260 Date Analyzed: 1/18/01
 Analyst: SSC Preparation Method: E 1311 Prep Batch: PB07197 Date Prepared: 1/18/01

Param	Flag	Result	Units	Dilution	RDL
TCLP Mercury		<0.010	mg/L	1	0.01

Sample: 162409 - Cartiridge Filter

Analysis: TCLP Metals Analytical Method: S 6010B QC Batch: QC08362 Date Analyzed: 1/23/01
 Analyst: RR Preparation Method: 1311 Prep Batch: PB07109 Date Prepared: 1/16/01

Param	Flag	Result	Units	Dilution	RDL
TCLP Arsenic		<1	mg/L	10	0.10
TCLP Barium		<1	mg/L	10	0.10
TCLP Cadmium		<0.2	mg/L	10	0.02
TCLP Chromium		<1	mg/L	10	0.10
TCLP Lead		<1	mg/L	10	0.10
TCLP Selenium		<1	mg/L	10	0.10
TCLP Silver		<0.5	mg/L	10	0.05



Report Date: January 25, 2001
N/A

Order Number: A01011221
N/A

Page Number: 3 of 10
N/A

Sample: 162409 - Cartiridge Filter

Analysis: TCLP Semivolatiles Analytical Method: E 8270C QC Batch: QC08401 Date Analyzed: 1/24/01
Analyst: MA Preparation Method: 1311 Prep Batch: PB07305 Date Prepared: 1/18/01

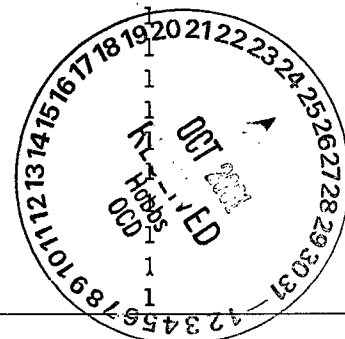
Param	Flag	Result	Units	Dilution	RDL
Pyridine		<0.05	mg/L	1	0.05
o-Cresol		0.08	mg/L	1	0.05
m,p-Cresol		0.20	mg/L	1	0.05
Hexachloroethane		<0.05	mg/L	1	0.05
Nitrobenzene		<0.05	mg/L	1	0.05
Hexachlorobutadiene		<0.05	mg/L	1	0.05
2,4,6-Trichlorophenol		<0.05	mg/L	1	0.05
2,4,5-Trichlorophenol		<0.05	mg/L	1	0.05
2,4-Dinitrotoluene		<0.05	mg/L	1	0.05
Hexachlorobenzene		<0.05	mg/L	1	0.05
Pentachlorophenol		<0.05	mg/L	1	0.05

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
2-Fluorophenol		29.74	mg/Kg	1	80	37	20 - 67
Phenol-d5		19.12	mg/Kg	1	80	23	7 - 55
Nitrobenzene-d5		35.56	mg/Kg	1	80	44	33 - 116
2-Fluorobiphenyl		64.49	mg/Kg	1	80	80	47 - 107
2,4,6-Tribromophenol		60.06	mg/Kg	1	80	75	47 - 113
Terphenyl-d14		68.49	mg/Kg	1	80	85	47 - 124

Sample: 162409 - Cartiridge Filter

Analysis: TCLP Volatiles Analytical Method: S 8260B QC Batch: QC08234 Date Analyzed: 1/15/01
Analyst: JG Preparation Method: 1311 Prep Batch: PB07183 Date Prepared: 1/13/01

Param	Flag	Result	Units	Dilution	RDL
Vinyl Chloride		<.0025	mg/L	1	0.001
1,1-Dichloroethene		<.0025	mg/L	1	0.001
Methyl ethyl ketone		.058	mg/L	1	0.01
Chloroform		<.0025	mg/L	1	0.001
1,2-Dichloroethane (EDC)		<.0025	mg/L	1	0.001
Benzene		.024	mg/L	1	0.001
Carbon Tetrachloride		<.0025	mg/L	1	0.001
Trichloroethene (TCE)		<.0025	mg/L	1	0.001
Tetrachloroethene (PCE)		<.0025	mg/L	1	0.001
Chlorobenzene		<.0025	mg/L	1	0.001
1,4-Dichlorobenzene		.003	mg/L	1	0.001



Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		51	mg/Kg	1	50	102	83 - 119
Toluene-d8		50.5	mg/Kg	1	50	101	87 - 115
4-Bromofluorobenzene		50.5	mg/Kg	1	50	101	79 - 112

Navajo Refining Company



501 E Main St.
P.O. Box 159
Artesia NM, 88210
Phone-(505) 748-3311

Engineering Department
Fax-(505)746-5421

Fax

Company Name _____

To: Martine Keiling From: Charlie Plymale

Fax: 505 476-3462 Pages: 2 (Including cover sheet)

Phone: _____ Date: 12/4/01

Re: _____ CC: _____

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

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IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CALL LISA AT 505-746-5270

o Comments: _____

Traceysis, Inc.

6701 Aberdeen Avenue, Ste. 9 Lubbock, Texas 79424
Tel (806) 794 1296 Fax (806) 794 1298
1 (800) 378 1296

Consulting Company A JV REFINING

Phone #: 915-272-3161

Address: 10075 SIPIET / Paso Verde
Fax #: 915-224-0546

Fax #:

Contract #	Star Contract:
19915	

1964

WILLIAM

Location Code	Casualty Loss #:
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40f-215

Consultant Job #

Sampler Signature

Location Address:

[illegible][illegible]

Requested by:	Time:	Received at Laboratory by:	Date:	Initial:
James Wall	10:30	John Crowley	1-12-01	10:30

indicate listed on reverse side of C.6.c.

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

AF Order ID # AC1044221

ANALYSIS REQUEST

(Circle or Specify Method No.)

MBC 8020/802	
BTEX 8020/802	
TPH	
PAT 8270	
Total Metals Ag As Ba Cd Cr Pb Hg Se	
TCLP Metals Ag As Ba Cd Cr Pb Hg Se	
TCLP Volatiles	
TCLP Semi Volatiles	
HCI	
GC/MS VOL 8240/8260/824	
GC/MS 5amt. Vol. B270/825	
PCB's 8080/808	
Pest. 8080/808	
BOD, TSS, PH	
Turn Around Time if different from standard	
Hold	

REMARKS:

LAB USE

ONLY

ATA

Headspace YJN

Temp _____

Log-in Review

75

Carrier #

Carrier # WALK-IN

**Submit Original
Plus 1 Copy
to Appropriate
District Office**

APPROVED BY: Martinez TITLE: Environmental Geology DATE: 1-9-02



REFINING COMPANY

FAX

(505) 746-5283 DIV. ORDERS
 (505) 746-5481 TRUCKING
 (505) 746-5458 PERSONNEL

501 EAST MAIN STREET • P. O. BOX 159
 ARTESIA, NEW MEXICO 88211-0159
 TELEPHONE (505) 748-3311

FAX

(505) 746-5419 ACCOUNTING
 (505) 746-5451 EXECUTIVE
 (505) 746-5421 ENGINEERING
 (505) 746-5480 P / L

December 19, 2001

Ken Marsh
 CRI
 P.O. Box 388
 Hobbs, NM 88214

Ken,

I would like to get our FCC Demister Pads profiled into your facility under process knowledge. The demister pads catch mist (water) that is in the towers and have fine particles of FCC cat fines on them. The FCC cat fines have been profiled into your facility under C-138 (10-002). The demister pads are made of a cloth mesh with a metal frame, and have had most of the FCC cat fines washed off.

Sincerely,

Charlie Plymale
 Environmental Specialist

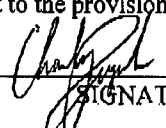


Post-It® Fax Note	7671	Date	12/19	# of pages	▶
To	Ken Marsh	From	Charlie Plymale		
Co./Dept.		Co.	Navajo		
Phone #		Phone #	505-748-3311		
Fax #	505-393-3615	Fax #	505-746-5421		

**CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"**

COMPANY / GENERATOR: Navajo Refining CompanyADDRESS: 501 East MainGENERATING SITE: Navajo Refining CompanyCOUNTY: EddySTATE: NMTYPE OF WASTE: FCC DEMISTER PADSESTIMATED VOLUME: 2 SUPERSACKSGENERATING PROCESS: These are cloth mesh filters with metal frames that catch fine particles of mist in our FCC Unit. FCC Cat fines is also on demister pads.REMARKS: The catalyst fines that are on these filters has been profiled before under C-138 (10-002).NMOCD FACILITY: Controlled Recovery IncorporatedTRUCKING COMPANY: Champion

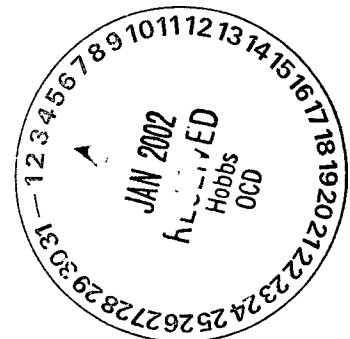
As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR Part 261 to verify the nature as non-hazardous. I further certify that to my knowledge "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.3.

AGENT: 

SIGNATURE

NAME: Charlie Plymale

PRINTED

ADDRESS: 501 EAST MAINARTESIA, NM 88210DATE: 12/19/01

District I - (505) 393-6161
P.O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
111 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 8/8

RECEIVED
OCT 11 2000
Environmental Bureau
Oil Conservation Division

Submit Orig
Plus 1 C
to appropr
District OI

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒	4. Generator Navajo Refining
2. Management Facility Destination Controlled Recovery, Inc.	5. Originating Site Artesia facility
3. Address of Facility Operator P.O. Box 388, Hobbs	6. Transporter BES
7. Location of Material (Street Address or ULSTR) 501 East Main, Artesia	8. State New Mexico
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.	

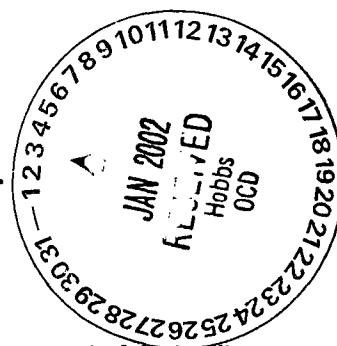
BRIEF DESCRIPTION OF MATERIAL:

10-002

FCC Catalyst Fines.

These are fine particles from catalyst collected in the cyclones at the FCC Unit during the regeneration process.

I am enclosing a Certificate of Waste status and copy of previous C-138.
This waste has been approved in the past.



Estimated Volume 30 Supersacks cy Known Volume (to be entered by the operator at the end of the haul) _____

SIGNATURE: Carmella Van Maanen TITLE: Bookkeeper DATE: 10-02-00
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: Demma Williams TITLE: Environ. Engineer Specialist DATE: 10-06-00

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-13E
Revised March 17, 1995

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator Equilon Pipeline
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site Jal-Basin Station
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter CRI
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 2 miles S. of Jal, Hwy. 18, Jal	New Mexico
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:

06-06-01

20 yards of blast grit, 120 yards of gunite, and 1 dump truck of tank mastic and tank show with non-friable asbestos seal fabric generated from crude oil aboveground storage tank.

Enclosed is non-exempt certificate of waste status, analytical data, and chain of custody.

Estimated Volume "see above" cy Known Volume (to be entered by the operator at the end of the haul) cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 6-22-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: [Signature] TITLE: Environmental Manager DATE: 6-22-01
APPROVED BY: _____ TITLE: _____ DATE: _____

06/21/2001 23:14 15053933615
06/21/2001 23:18 713-241-4119
06/21/2001 22:13 15053933615

CONTROLLED RECOVERY
EQUILON JENA
CONTROLLED RECOVERY

PAGE 07
PAGE 02/02
PAGE 02

**CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"**

COMPANY/GENERATOR Equilon Pipeline Company

ADDRESS P.O. Box 2648, Houston, TX 77252-2648

GENERATING SITE Jal-Basin Station

COUNTY Lea STATE NM

TYPE OF WASTE Blast Grit/Gunite/Tank Mastic & Tank Shoes with fabric seal.

ESTIMATED VOLUME 20 yds/120 yds/1 dump truck

GENERATING PROCESS From crude oil aboveground
storage tank.

REMARKS _____

NMOCD FACILITY Controlled Recovery, Inc.

TRUCKING COMPANY Controlled Recovery, Inc.

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 2613.

AGENT Jena Henry

NAME E.V. (Jena) Henry SIGNATURE

PRINTED

ADDRESS P.O. Box 2648

Houston, TX 77252-2648

DATE 6-22-01

EQUILON

PIPELINE COMPANY LLC

P. O. Box 2648
Houston, TX 77252-2648

FAX TRANSMITTAL

Date: 06/21/01

No. of Pages ~~20~~ 21
(including cover page)

From: E. V. (Jena) Henry
713/241-0236
713/241-4119 Fax
email address: evhenry@equilon.com

To: Name Dave Parsons
Company Controlled Recovery
Fax # 505 393 3615

Remarks:

This is request for disposal of four waste streams (all non-hazardous) - 1) blast grit (in box from Waste Management) and transport and disposal of 2) gunite, 3) tank mastic (tank seal) and 3) tank roof metallic shoe with non-friable asbestos seal fabric (seal fabric is still attached to tank shoe). All from crude oil aboveground storage tank at Jal-Basin Station.

Blast grit - approx. 20 yards or two rolloff boxes provided by Waste Management

Gunite - approx. 120 yards or 10 dump trucks

Tank Mastic and Tank Shoe with fabric seal - 1 dump truck

Site address:

Equilon Pipeline Company LLC

2 Miles South of Jal on Hwy 18

Jal, NM 88252

Contact: Jack Lucas at 915/631-5761

Send invoice to Duane Diller, Equilon Pipeline Company, P.O. Box 1910, Midland, TX 79702

Reference on invoice - Jal Tanks 1232 and 1233

If you have any questions, call me at 713/241-0236.

Jena

Analytical follows this page

TestAmerica

INCORPORATED

ANALYTICAL REPORT

EQUILON PIPELINE 1404
JENA HENRY
P.O. BOX 2648
HOUSTON, TX 77252

Lab Number: 01-A77723
Sample ID: BLAST GRIT
Sample Type: Solid waste
Site ID:

Project:
Project Name: JAL-BASIN TK LOB-TKS 123
Sampler: JACK LUCAS

Date Collected: 6/ 6/01
Time Collected: 13:30
Date Received: 6/ 8/01
Time Received: 9:00

TCLP Results

Analyte	Result	Units	Reg Limit	Matrix Spike		Date	Time	Analyst	Method	QC Batch
				Recovery (%)						
Arsenic	< 0.100	mg/l	5.0	104		6/14/01	13:49	G. McCord	6010B	986
Barium	4.58	mg/l	100	97		6/14/01	13:49	G. McCord	6010B	986
Cadmium	< 0.100	mg/l	1.0	118		6/14/01	13:49	G. McCord	6010B	986
Chromium	< 0.500	mg/l	5.0	99		6/14/01	13:49	G. McCord	6010B	986
Lead	0.560	mg/l	5.0	101		6/14/01	13:49	G. McCord	6010B	986
Mercury	< 0.0100	mg/l	0.20	101		6/14/01	13:25	C. Terry	7470A	914
Selenium	< 0.100	mg/l	1.0	103		6/14/01	13:49	G. McCord	6010B	986
Silver	< 0.100	mg/l	5.0	92		6/14/01	13:49	G. McCord	6010B	986
TCLP Extraction	Initiated					6/13/01	16:20	J Campbell	1311	7644

ND - Not detected at the report limit.

Matrix Spike Recovery for TCLP Analytes reported from Batch QC

TCLP preparation follows method 1311, SW-846 Revision 3.

- Recovery outside laboratory historical limits.

All results reported on a wet weight basis.

Sample report continued . . .

TestAmerica

INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A77723
Sample ID: BLAST GRIT
Project:
Page 2

These results relate only to the items tested.
This report shall not be reproduced except in full and with
permission of the laboratory.

Report Approved By:



Report Date: 6/15/01

Paul E. Lane, Jr., Lab Director
Michael H. Dunn, M.S., Technical Director
Johnny A. Mitchell, Dir. Technical Serv.
Eric S. Smith, Assistant Technical Director

Gail A. Lage, Technical Serv.
Glenn L. Norton, Technical Serv.
Kelly S. Comstock, Technical Serv.
Pamela A. Langford, Technical Serv.

End of Sample Report.

TestAmerica

INCORPORATED

ANALYTICAL REPORT

EQUILON PIPELINE 1404
JENA HENRY
P.O. BOX 2648
HOUSTON, TX 77252

Lab Number: 01-A77724
Sample ID: BLAST GRIT
Sample Type: Solid waste
Site ID:

Project:
Project Name: JAL-BASIN-TK-LOB-TKS 123
Sampler: JACK LUCAS

Date Collected: 6/ 6/01
Time Collected: 13:30
Date Received: 6/ 8/01
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/kg	25.0	25.0	1	6/11/01	11:40	J. Saiyasek	TX1005	8515
>C10 - C28 Hydrocarbons	248.	mg/kg	25.0	25.0	1	6/11/01	11:40	J. Saiyasek	TX1005	8515
>C28 - C35 Hydrocarbons	83.5	mg/kg	25.0	25.0	1	6/11/01	11:40	J. Saiyasek	TX1005	8515
C6 - C35 Hydrocarbons	332.	mg/kg	75.0	75.0	1	6/11/01	11:40	J. Saiyasek	TX1005	8515
Benzene	0.0022	mg/kg	0.0010	0.0010	1	6/12/01	3:03	D. Otero	8021B	8817
Ethylbenzene	0.0190	mg/kg	0.0050	0.0010	5	6/ 9/01	20:13	D. Otero	8021B	9342
Toluene	0.0200	mg/kg	0.0050	0.0010	5	6/ 9/01	20:13	D. Otero	8021B	9342
Xylenes, total	0.0745	mg/kg	0.0100	0.0020	5	6/ 9/01	20:13	D. Otero	8021B	9342
Total BTEX	0.116	mg/kg	0.0100	0.0010	5	6/12/01	3:03	D. Otero	8021B	8817

ND - Not detected at the report limit.

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRFH	10.3 gm	10.0 ml	6/ 9/01		D. Harris	TX1005/1006

Surrogate	% Recovery	Target Range
surx-a,a,a-Trifluorotoluene	99.	56. - 149.

Sample report continued . . .

TestAmerica

INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A77724
Sample ID: BLAST CRIT
Project:
Page 2

Surrogate	% Recovery	Target Range
-----------	------------	--------------

TX1005 Surrogate	84.	71 - 134.
------------------	-----	-----------

= Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

These results relate only to the items tested.
This report shall not be reproduced except in full and with
permission of the laboratory.

Report Approved By:



Report Date: 6/15/01

Paul E. Lane, Jr., Lab Director
Michael H. Dunn, M.S., Technical Director
Johnny A. Mitchell, Dir. Technical Serv.
Eric S. Smith, Assistant Technical Director

Gail A. Lage, Technical Serv.
Glenn L. Norton, Technical Serv.
Kelly S. Comstock, Technical Serv.
Famela A. Langford, Technical Serv.

End of Sample Report.

TestAmerica

INCORPORATED

ANALYTICAL REPORT

EQUILON PIPELINE 1404
JENA HENRY
P.O. BOX 2648
HOUSTON, TX 77252

Lab Number: 01-A77725
Sample ID: GUNITE
Sample Type: Solid waste
Site ID:

Project:
Project Name: JAL-BASIN-TK-LOB-TKS-123
Sampler: JACK LUCAS

Date Collected: 6/ 6/01
Time Collected: 13:20
Date Received: 6/ 8/01
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	293.	mg/kg	250.	25.0	10	6/10/01	18:17	J.Saiyasak	TX1005	8515
>C10 - C28 Hydrocarbons	4270	mg/kg	250.	25.0	10	6/10/01	18:17	J.Saiyasak	TX1005	8515
>C28 - C35 Hydrocarbons	2080	mg/kg	250.	25.0	10	6/10/01	18:17	J.Saiyasak	TX1005	8515
C6 - C35 Hydrocarbons	6640	mg/kg	750.	75.0	10	6/10/01	18:17	J.Saiyasak	TX1005	8515
Benzene	ND	mg/kg	0.0500	0.0010	50	6/ 9/01	20:53	D. Otero	8021B	9643
Ethylbenzene	ND	mg/kg	0.0500	0.0010	50	6/ 9/01	20:53	D. Otero	8021B	9643
Toluene	ND	mg/kg	0.0500	0.0010	50	6/ 9/01	20:53	D. Otero	8021B	9643
Xylenes, total	ND	mg/kg	0.100	0.0020	50	6/ 9/01	20:53	D. Otero	8021B	9643
Total BTEX	ND	mg/kg	0.100	0.0010	50	6/ 9/01	20:53	D. Otero	8021B	9643

ND - Not detected at the report limit.

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	9.9 gm	10.0 mL	6/ 9/01		D. Harris	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	87.	56. - 149.

Sample report continued . . .

TestAmerica

INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A77725
Sample ID: GUNITE
Project:
Page 2

* = Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

Texas1005 surrogate was diluted out due to sample matrix.

These results relate only to the items tested.
This report shall not be reproduced except in full and with
permission of the laboratory.

Report Approved By:



Report Date: 6/15/01

Paul E. Lane, Jr., Lab Director
Michael H. Dunn, M.S., Technical Director
Johnny A. Mitchell, Dir. Technical Serv.
Eric S. Smith, Assistant Technical Director

Gail A. Lage, Technical Serv.
Glenn L. Norton, Technical Serv.
Kelly S. Comstock, Technical Serv.
Pamela A. Langford, Technical Serv.

End of Sample Report.

TestAmerica

INCORPORATED

ANALYTICAL REPORT

EQUILON PIPELINE 1404
JENA HENRY
P.O. BOX 2648
HOUSTON, TX 77252

Lab Number: 01-A77726
Sample ID: TANK SEAL
Sample Type: Solid waste
Site ID:

Project:
Project Name: JAL-BASIN-TK-LOB-TKS-123
Sampler: JACK LUCAS

Date Collected: 6/ 6/01
Time Collected: 13:10
Date Received: 6/ 8/01
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
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GENERAL CHEMISTRY PARAMETERS

Asbestos See report

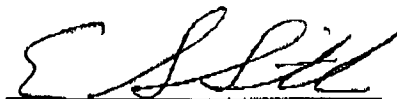
ND - Not detected at the report limit.

Ø - Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

These results relate only to the items tested.
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permission of the laboratory.

Report Approved By:



Report Date: 6/15/01

Paul E. Lane, Jr., Lab Director
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Pamela A. Langford, Technical Serv.

End of Sample Report.

TestAmerica

INCORPORATED

ANALYTICAL REPORT

EQUILON PIPELINE 1404
JENA HENRY
P.O. BOX 2648
HOUSTON, TX 77252

Lab Number: 01-A77727
Sample ID: TANK MASTIC
Sample Type: Solid waste
Site ID:

Project:
Project Name: JAL-BASIN TK LOB-TKS 123
Sampler: JACK LUCAS

Date Collected: 6/ 6/01
Time Collected: 13:20
Date Received: 6/ 8/01
Time Received: 9:00

TCLP Results

Analyte	Result	Units	Reg Limit	Matrix Spike		Date	Time	Analyst	Method	QC Batch
				Recovery (%)						
Benzene	< 0.0200	mg/l	0.5	106		6/15/01	4:39	J. Coleman	8260	884
Carbon tetrachloride	< 0.0200	mg/l	0.5	96		6/15/01	4:39	J. Coleman	8260	884
Chlorobenzene	< 0.0200	mg/l	100	98		6/15/01	4:39	J. Coleman	8260	884
Chloroform	< 0.0200	mg/l	6.0	102		6/15/01	4:39	J. Coleman	8260	884
1,2-Dichloroethane	< 0.0200	mg/l	0.5	100		6/15/01	4:39	J. Coleman	8260	884
1,1-Dichloroethene	< 0.0200	mg/l	0.7	108		6/15/01	4:39	J. Coleman	8260	884
Methylethylketone	0.730	mg/l	200	83		6/15/01	4:39	J. Coleman	8260	884
Tetrachloroethene	< 0.0200	mg/l	0.7	102		6/15/01	4:39	J. Coleman	8260	884
Trichloroethene	< 0.0200	mg/l	0.5	98		6/15/01	4:39	J. Coleman	8260	884
Vinyl Chloride	< 0.0200	mg/l	0.2	88		6/15/01	4:39	J. Coleman	8260	884
Zero Headspace Extraction Initiated						6/13/01	16:20	J Campbell	1311	7644

ND - Not Detected at the report limit.

Matrix Spike Recovery for TCLP analytes reported from Batch QC

TCLP preparation follows method 1311, SW-846 Revision 3.

Surrogate	% Recovery	Target Range
VOA Surr, 1,2-DCA, d4	107.	68. - 143.
VOA Surr, Toluene d8	105.	78. - 127.
VOA Surr, 4-BFB	78.	73. - 127.

Sample report continued . . .

TestAmerica

INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 01-A77727
Sample ID: TANK MASTIC
Project:
Page 2

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

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permission of the laboratory.

Report Approved By:



Report Date: 6/15/01

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Gail A. Lage, Technical Serv.
Glenn L. Norton, Technical Serv.
Kelly S. Comstock, Technical Serv.
Pamela A. Langford, Technical Serv.

End of Sample Report.

TestAmerica

INCORPORATED

PROJECT QUALITY CONTROL DATA

Project Number:

Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
UST ANALYSTS								
Benzene	mg/kg	< 0.0010	0.0488	0.0500	98	79. - 122.	9643	blank
Benzene	mg/kg	< 0.0010	0.0507	0.0500	101	79. - 122.	8817	blank
Toluene	mg/kg	< 0.0010	0.0466	0.0500	93	76. - 121.	9342	blank
Toluene	mg/kg	< 0.0010	0.0466	0.0500	93	76. - 121.	9643	blank
Ethylbenzene	mg/kg	< 0.0010	0.0483	0.0500	97	69. - 127.	9342	blank
Ethylbenzene	mg/kg	< 0.0010	0.0483	0.0500	97	69. - 127.	9643	blank
Xylenes, total	mg/kg	< 0.0010	0.0931	0.100	93	67. - 127.	9342	blank
Xylenes, total	mg/kg	< 0.0010	0.0931	0.100	93	67. - 127.	9643	blank

Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
VOC PARAMETERS								
Benzene	mg/l	< 0.00200	0.0530	0.0500	106	68. - 136.	884	blank
Benzene	mg/l	< 0.00200	0.0510	0.0500	102	68. - 136.	884	blank
Carbon tetrachloride	mg/l	< 0.00200	0.0480	0.0500	96	61. - 151.	884	blank
Carbon tetrachloride	mg/l	< 0.00200	0.0470	0.0500	94	61. - 151.	884	blank
Chlorobenzene	mg/l	< 0.00200	0.0490	0.0500	98	62. - 131.	884	blank
Chlorobenzene	mg/l	< 0.00200	0.0490	0.0500	98	62. - 131.	884	blank
Chloroform	mg/l	< 0.00200	0.0510	0.0500	102	65. - 140.	884	blank
Chloroform	mg/l	< 0.00200	0.0490	0.0500	98	65. - 140.	884	blank
1,2-Dichloroethane	mg/l	< 0.00200	0.0500	0.0500	100	60. - 150.	884	blank
1,2-Dichloroethane	mg/l	< 0.00200	0.0490	0.0500	98	60. - 150.	884	blank
1,1-Dichloroethene	mg/l	< 0.00200	0.0540	0.0500	108	60. - 145.	884	blank
1,1-Dichloroethene	mg/l	< 0.00200	0.0540	0.0500	108	60. - 145.	884	blank
Methylethylketone	mg/l	< 0.0100	0.208	0.250	83	49. - 146.	884	blank
Methylethylketone	mg/l	< 0.0100	0.223	0.250	89	49. - 146.	884	blank
Tetrachloroethene	mg/l	< 0.00200	0.0510	0.0500	102	62. - 144.	884	blank
Tetrachloroethene	mg/l	< 0.00200	0.0500	0.0500	100	62. - 144.	884	blank

Project QC continued . . .

TestAmerica

INCORPORATED

PROJECT QUALITY CONTROL DATA

Project Number:

Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
Trichloroethene	mg/l	< 0.00200	0.0490	0.0500	98	61. - 147.	884	blank
Trichloroethene	mg/l	< 0.00200	0.0480	0.0500	96	61. - 147.	884	blank
Vinyl Chloride	mg/l	< 0.00200	0.0440	0.0500	88	48. - 166.	884	blank
Vinyl Chloride	mg/l	< 0.00200	0.0360	0.0500	72	48. - 166.	884	blank

Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
METALS								
Arsenic	mg/l	< 0.100	10.4	10.0	104	80 - 120	986	01-A77723
Barium	mg/l	4.58	102.	100.	97	80 - 120	986	01-A77723
Cadmium	mg/l	< 0.100	11.8	10.0	118	80 - 120	986	01-A77723
Chromium	mg/l	< 0.500	49.7	50.0	99	80 - 120	986	01-A77723
Lead	mg/l	0.5600	50.40	50.00	100	80 - 120	986	01-A77723
Mercury	mg/l	< 0.0100	1.010	1.000	101	80 - 120	914	01-A79279
Selenium	mg/l	< 0.100	10.3	10.0	103	80 - 120	986	01-A77723
Silver	mg/l	< 0.100	9.24	10.0	92	80 - 120	986	01-A77723

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
Benzene	mg/kg	0.0488	0.0498	2.03	13.	9643
Benzene	mg/kg	0.0507	0.0536	5.56	13.	8817
Toluene	mg/kg	0.0466	0.0475	1.91	17.	9342
Toluene	mg/kg	0.0466	0.0475	1.91	17.	9643
Ethylbenzene	mg/kg	0.0483	0.0494	2.25	25.	9342
Ethylbenzene	mg/kg	0.0483	0.0494	2.25	25.	9643
Xylenes, total	mg/kg	0.0931	0.0951	2.13	27.	9342

Project QC continued . . .



PROJECT QUALITY CONTROL DATA
Project Number:

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
Xylenes, total	mg/kg	0.0931	0.0931	2.13	27.	9643

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
VOA PARAMETERS						
Benzene	mg/l	0.0530	0.0510	3.85	20.	884
Carbon tetrachloride	mg/l	0.0480	0.0470	2.11	31.	884
Chlorobenzene	mg/l	0.0490	0.0490	0.00	23.	884
Chloroform	mg/l	0.0510	0.0490	4.00	24.	884
1,2-Dichloroethane	mg/l	0.0500	0.0490	2.02	25.	884
1,1-Dichloroethene	mg/l	0.0540	0.0540	0.00	24.	884
Methylethylketone	mg/l	0.208	0.223	6.96	25.	884
Tetrachloroethane	mg/l	0.0510	0.0500	1.98	27.	884
Trichloroethene	mg/l	0.0490	0.0480	2.06	24.	884
Vinyl Chloride	mg/l	0.0440	0.0360	20.00	35.	884

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
METALS						
Arsenic	mg/l	10.4	10.8	3.77	20	986
Barium	mg/l	102.	105.	2.90	20	986
Cadmium	mg/l	11.8	12.2	3.33	20	986
Chromium	mg/l	49.7	51.5	3.56	20	986
Lead	mg/l	50.40	52.10	3.32	20	986
Mercury	mg/l	1.010	0.9900	2.00	20	914
Selenium	mg/l	10.3	10.3	1.92	20	986
Silver	mg/l	9.24	9.30	2.77	20	986

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA

Project Number:

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
Benzene	mg/kg	0.100	0.0959	96	82 - 121	9643
Benzene	mg/kg	0.100	0.109	109	82 - 121	8817
Toluene	mg/kg	0.100	0.0918	92	81 - 121	9643
Toluene	mg/kg	0.100	0.0920	92	81 - 121	9342
Ethylbenzene	mg/kg	0.100	0.0950	95	80 - 120	9643
Ethylbenzene	mg/kg	0.100	0.0951	95	80 - 120	9342
Xylenes, total	mg/kg	0.200	0.183	92	75 - 123	9643
Xylenes, total	mg/kg	0.200	0.183	92	75 - 123	9342

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
VOA PARAMETERS						
Benzene	mg/l	0.0500	0.0530	106	74 - 123	884
Carbon tetrachloride	mg/l	0.0500	0.0480	96	65 - 138	884
Chlorobenzene	mg/l	0.0500	0.0500	100	82 - 122	884
Chloroform	mg/l	0.0500	0.0500	100	71 - 123	884
1,2-Dichloroethane	mg/l	0.0500	0.0490	98	64 - 136	884
1,1-Dichloroethene	mg/l	0.0500	0.0550	110	67 - 128	884
Methylethylketone	mg/l	0.250	0.226	90	59 - 135	884
Tetrachloroethane	mg/l	0.0500	0.0520	104	72 - 127	884
Trichloroethene	mg/l	0.0500	0.0580	116	72 - 128	884
Vinyl Chloride	mg/l	0.0500	0.0350	70	57 - 144	884

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
METALS						

Project QC continued . . .

TestAmerica

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PROJECT QUALITY CONTROL DATA

Project Number:

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Argenic	mg/l	1.00	1.06	106	80 - 120	986
Barium	mg/l	10.0	10.9	109	80 - 120	986
Cadmium	mg/l	1.00	1.20	120 #	80 - 120	986
Chromium	mg/l	5.00	5.08	102	80 - 120	986
Lead	mg/l	5.000	5.040	101	80 - 120	986
Mercury	mg/l	0.1000	0.1050	105	90 - 110	914
Selenium	mg/l	1.00	1.02	102	80 - 120	986
Silver	mg/l	1.00	0.919	92	80 - 120	986

Continuing Calibration Verification

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
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***METALS**

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
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***USI PARAMETERS**

Benzene	< 0.0010	mg/kg	9643	6/ 8/01	23:17
Benzene	< 0.0010	mg/kg	9817	6/11/01	11:40
Toluene	< 0.0010	mg/kg	9643	6/ 8/01	23:17
Toluene	< 0.0010	mg/kg	9342	6/ 9/01	10:31
Ethylbenzene	< 0.0010	mg/kg	9643	6/ 8/01	23:17
Ethylbenzene	< 0.0010	mg/kg	9342	6/ 9/01	10:31
Xylenes, total	< 0.0010	mg/kg	9643	6/ 8/01	23:17
Xylenes, total	< 0.0010	mg/kg	9342	6/ 9/01	10:31

TestAmerica

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PROJECT QUALITY CONTROL DATA

Project Number:

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed

UST PARAMETERS					
Surr-a,a,a-Trifluorotoluene	84.	% Recovery	9643	6/ 8/01	23:17
Surr-a,a,a-Trifluorotoluene	99.	% Recovery	8817	6/11/01	11:40

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed

VOA PARAMETERS					
Benzene	< 0.00200	mg/l	884	6/15/01	4:39
Carbon tetrachloride	< 0.00200	mg/l	884	6/15/01	4:39
Chlorobenzene	< 0.00200	mg/l	884	6/15/01	4:39
Chloroform	< 0.00200	mg/l	884	6/15/01	4:39
1,2-Dichloroethane	< 0.00200	mg/l	884	6/15/01	4:39
1,1-Dichloroethane	< 0.00200	mg/l	884	6/15/01	4:39
Methylalkylketone	< 0.0100	mg/l	884	6/15/01	4:39
Tetrachloroethene	< 0.00200	mg/l	884	6/15/01	4:39
Trichloroethene	< 0.00200	mg/l	884	6/15/01	4:39
Vinyl Chloride	< 0.00200	mg/l	884	6/15/01	4:39
VOA Surr, 1,2-DCA, d4	108.	% Rec	884	6/15/01	4:39
VOA Surr, Toluene d8	105.	% Rec	884	6/15/01	4:39
VOA Surr, 4-BFB	91.	% Rec	884	6/15/01	4:39

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed

METALS					
Arsenic	< 0.100	mg/l	986	6/14/01	13:49
Barium	< 1.00	mg/l	986	6/14/01	13:49
Cadmium	< 0.100	mg/l	986	6/14/01	13:49

TestAmerica

INCORPORATED

PROJECT QUALITY CONTROL DATA

Project Number:

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Chromium	< 0.500	mg/l	986	6/14/01	13:49
Lead	< 0.5000	mg/l	986	6/14/01	13:49
Mercury	< 0.0100	mg/l	914	6/14/01	13:23
Selenium	< 0.100	mg/l	986	6/14/01	13:49
Silver	< 0.100	mg/l	986	6/14/01	13:49

- Value outside Laboratory historical QC limits.

End of Report for Project 240615



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Laboratory Report (Polarized Light Microscopy)

*The Innovation & Value Leader
in Occupational Hygiene Analysis*

Client # 26331
Customer: TEST AMERICA
Attention: PAUL LAHE
Address: 2960 FOSTER CREIGHTON AVE

City, State: NASHVILLE, TN 37204
Country:

Batch Number: 2801060349
Date Sampled: June 8, 2001
Date Received: June 12, 2001
Date Reported: June 14, 2001
Analyzed By: Keith Bickel
Reviewed By: Kathy Taylor

Test America

INCORPORATED

Asbestos Fibers
Chrysotile Amosite Crocidolite Tremolite Anthrophylic Cellulose
Other Fibers
Glass Synthetic Other
Material
15% 15% 15%

Description / Color
BLACK RUBBER/ROCK FIBERS
BLACK RUBBER/ROCK FIBERS

Lab ID # Client ID
200101697 77726
200101697 77726

2960 FOSTER CREIGHTON DRIVE / NASHVILLE, TN 37204 / 615-726-0177 / FAX: 615-726-0954 / 800-765-0980

Analytical Method: PLM per EPA 600/4-92-020.

1 of 1

Accredited by The American Industrial Hygiene Association

AIHA Accredited Lab #11103
AIHA Accredited Lab #9349

1252 Quarry Lane • Pleasanton, CA 94566 • (800) 893-1258 • FAX: (850) 424-0336 • askassay@assaytech.com
250 DeBartolo Place, # 2525 • Boardman, OH 44612 • (800) 365-3395 • FAX: (330) 758-1245 • askassay@assaytech.com



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Laboratory Report (Polarized Light Microscopy)

The Innovation & Value Leader
in Occupational Hygiene Analysis

Client # 26331

Customer: TEST AMERICA

Attention: PAUL LANE

Address: 2960 FOSTER CREIGHTON AVE

City, State NASHVILLE, TN 37204

Country:

Batch Number: 2001060341

Date Sampled: June 8, 2001

Date Received: June 12, 2001

Date Reported: June 14, 2001

Analyzed By: Keith Bickie

Reviewed By: Kathy Taylor

2960 FOSTER CREIGHTON DRIVE / NASHVILLE, TN 37204 / 615-726-0177 / FAX: 615-726-0954 / 800-765-0980

TestAmerica

INCORPORATED

Asbestos Fibers

Other Fibers

Chrysotile Amphibole Crocidolite Actinolite Tremolite Anthophyllite Cellulose Fibers Glass Synthetic Other

15%

BLACK RUBBER/BROWN FIBERS

77728

2001016697

BLACK RUBBER/WHITE FIBERS

77728

2001016697

15%

Analytical Method: PLM per EPA 600/4-92-020.

1 of 1

Accredited by The American Industrial Hygiene Association

AIHA Accredited Lab #11703

AIHA Accredited Lab #9349

1252 Quarry Lane • Pleasanton, CA 94566 • (800) 853-1258 • FAX: (850) 424-0836 • askassay@assaytech.com
250 DeBarolo Place, # 2525 • Beardman, OH 44512 • (800) 365-3396 • FAX: (330) 758-1245 • askassay@assaytech.com



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Client # 26331
Customer: TEST AMERICA
Attention: PAUL LANE
Address: 2980 FOSTER CREIGHTON AVE

City, State: NASHVILLE, TN 37204
Country:

2980 FOSTER CREIGHTON DRIVE / NASHVILLE, TN 37204 / 615-726-0177 / FAX: 615-726-0954 / 800-765-0980

Laboratory Report (Polarized Light Microscopy)

*The Innovation & Value Leader
in Occupational Hygiene Analysis*

Batch Number: 2001060349

Date Sampled: June 8, 2001
Date Received: June 12, 2001
Date Reported: June 14, 2001
Analyzed By: Keith Bickle
Reviewed By: Kathy Taylor

Test America

INCORPORATED

Asbestos Fibers

Chrysotile Amphibole
Crocidolite Tremolite Anthophyllite Cellulose
Fibers

19%

BLACK RUBBERBROWN FIBERS
BLACK RUBBERWHITE FIBERS

Other Fibers

Glass Synthetic: Other
Fibers

15%

Analytical Method: PLM per EPA 600/4-82-020.

1 of 1

Accredited by The American Industrial Hygiene Association

AIHA Accredited Lab #11103
AIHA Accredited Lab #3349

1252 Quarry Lane • Pleasanton, CA 94566 • (800) 893-1258 • FAX: (650) 424-0336 • astassay@assaytech.com
250 DeBartolo Plaza, # 2525 • Boardman, OH 44612 • (800) 365-3396 • FAX: (330) 758-1245 • astassay@assaytech.com

TestAmerica
INCORPORATED

Realville Division
2800 Foster Creighton
Houston, TX 77054
Phone: 615-725-0177
Fax: 615-725-0406

Client Name: Equilon Pipeline Co Cont. 1404

Address: 362 South Scherbaum St

City/State/Zip Code: Goldsmith, TX 79741

Project Manager:

Telephone Number: 915 631 5761 Fax: 915-827-3906

Sample Name: (Print Name) Jack Lucas

Signature: Jack Lucas

To make us in using the proper analytical methods,
is this work being conducted for regulatory purposes?
Compliance Authority

Project Name: Jat Basin TK 66-TKs 1232+1233

Project #:

State Location ID:

Report To:

Invoice To: Diane Miller, Equilon, P.O. Box 1910

Quantity:

POB: Midland, TX 79702

SAMPLED	Date Sampled	Time Sampled	Field Filtered	Material Presentations & # of Containers						Analysis For:	GC DETERMINED	REMARKS
				Gravel	Gravel	Gravel	Gravel	Gravel	Gravel			
Blast Grit	6-6-01	1:30 PM	1									77223 77224
Gravel	1/20	1:30 PM	1									77225
Tank Seal	1/20	1:30 PM	1									77226
Tank Plastic	1/20	1:30 PM	1									77227

Special Instructions:

Fax as soon as available to Jena Henry, fax #713/241-0236

Relinquished By: <u>Jack Lucas</u>	Date: <u>6/8/01</u>	Time: <u>9:00</u>
Relinquished By:	Date:	Time:
Relinquished By:	Date:	Time:

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1995

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator NMOC
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site Goodwin Treating Plant
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter CRI & Various
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) Goodwin Treating Plant	New Mexico
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:

06-05-01

Redwood, tanks, debris, piping, drums, and miscellaneous trash generated from this site.

Enclosed is non-exempt certificate of waste status and process of knowledge letter.

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

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 6-22-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: [Signature] TITLE: Environmental Engineer DATE: 6-22-01
APPROVED BY: _____ TITLE: _____ DATE: _____

New Mexico Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, N.M. 87505
Phone: (505) 476-3440
Fax: (505) 476-3462

June 22, 2001

To: Controlled Recovery, Inc.
P.O. Box 388
Hobbs, N.M. 88241

RE: Goodwin Treating Plant, Lea Co., New Mexico

The non-exempt waste from this site, "redwood, tanks, debris, piping, drums, and miscellaneous trash", is non-hazardous. The determination is based on the division's process knowledge.

By: Martynne Kicling

Printed Name: Martynne Kicling 6-22-01

New Mexico Oil Conservation Division

**CERTIFICATE OF WASTE STATUS
EXEMPT WASTE MATERIAL****ORIGINATING LOCATION:** Goodwin Treating Plant, Lea Co., N.M.**SOURCE:** Treating Plant Remediation by NMOCD**DISPOSAL LOCATION:** Controlled Recovery, Inc.

Liquids, sludges, other materials from plant site.

I hereby certify, represent and warrant that the wastes are generated from oil and gas exploration and production operations exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

I, the undersigned as the agent for New Mexico Oil Conservation Division concur with the status of the waste from the subject site.

Name Martyn J. Kih. Martyn J. Kihling

Title Environmental Geologist

Address 1220 S. St. Francis Drive

Santa Fe, NM 87505

Signature Martyn J. Kih.

Date 6-22-01

CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"

COMPANY / GENERATOR New Mexico Oil Conservation DivisionADDRESS 1220 S. St. Francis Dr., Santa Fe, NM 87505GENERATING SITE Goodwin Treating PlantCOUNTY Lea STATE NMTYPE OF WASTE Redwood, tanks, debris, piping, drums, other materials
on site.ESTIMATED VOLUME UnknownGENERATING PROCESS treating plant remediation from
past oilfield operationsREMARKS Unit E.
Section 31, T 18S R 37ENMOCD FACILITY Controlled Recovery, Inc.TRUCKING COMPANY CRI and others

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.3.

AGENT Martine J. Kiehl

SIGNATURE

NAME Martine Kiehl

PRINTED

ADDRESS 1220 S. St. Francis Dr.Santa Fe, NM 87505DATE 6-22-01 ✓

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1995
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 ☒	4. Generator Star Tool Co. 5. Originating Site 1000 NW County Rd. Hobbs Facility
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter CRI
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
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:

07-11-01A 600 bbls, wash water
07-11-01B 80 yards of sludge

I am enclosing a certificate of waste status, analytical data and chain of custody on both, and letter of request to extend this process for the year 2001.

RECEIVED

AUG 14 2001

Environmental Bureau
Oil Conservation Division

Estimated Volume see above cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 7-11-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

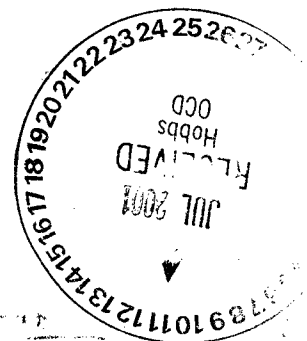
(This space for State Use)

APPROVED BY: <u>[Signature]</u>	TITLE: <u>Environmental Eng</u>	DATE: <u>8-13-01</u>
APPROVED BY: <u>[Signature]</u>	TITLE: <u>Bureau Chief</u>	DATE: <u>8-14-01</u>

RECEIVED

AUG 1 4 5001

Division of Conservation
Bureau of Land Management



**CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"**

COMPANY / GENERATOR STAR TOOL CO. / SMITH SERVICESADDRESS 2000 NW COUNTY RDGENERATING SITE SAMECOUNTY LEA STATE NMTYPE OF WASTE WASTE WATER & SLUDGEESTIMATED VOLUME 300 BBL'S 20 YDSGENERATING PROCESS STEAM CLEANING /
WASHING OIL FIELD TOOLS

REMARKS _____

NMOC D FACILITY CONTROLLED RECOVERYTRUCKING COMPANY CRI

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.3.

AGENT H. Don Rodgers

SIGNATURE

NAME H. DON RODGERS

PRINTED

ADDRESS PO BOX 2008HOBBS, NM 88240DATE 7/6/01

THIS PROCESS IS FOR THE YEAR 2001.



H. Don Rodgers
Star Tool/Smith Services
PO Box 2008
Hobbs, NM 88240

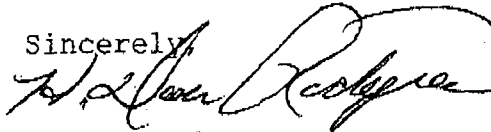
Controlled Recovery
PO Box 388
Hobbs, NM 88241

7/6/01

Ken;

We are requesting removal of waste water and sludge generated at this site. We are also requesting that analytical data previously run be used to determine the status of this waste. The process of generating this waste has not changed. We have on file analytical data from 3 consecutive years that can be made available on request. Thank you for your attention in this matter.

Sincerely,

A handwritten signature in dark ink, appearing to read "H. Don Rodgers", enclosed within a hand-drawn rectangular box.

H. Don Rodgers
Environmental Coordinator





6701 Aberdeen Avenue, Suite 2 Lubbock, Texas 79424 800-371-1296 808-784-1296 FAX 806-794-1291
 4725 Ripley Avenue, Suite A El Paso, Texas 79922 828-588-3443 915-585-3443 FAX 915-585-4944
 E-Mail: lab@traceanalysis.com

ANALYTICAL RESULTS FOR

STAR TOOL

Attention: Don Rodgers

P.O. Box 2008

Hobbs, NM 88240

August 18, 1999

Receiving Date: 8/4/99

Sample Type: Sludge

Project No: N/A

Project Location: N/A

Extraction Date: 8/11/99

Analysis Date: 8/12/99

Sampling Date: 8/4/99

Sample Condition: Intact & Cool

Sample Received by: NG

Project Name: Yearly Analysis

TCLP VOLATILES (mg/L)	EPA LIMIT	Reporting Limit	Solids -BOP Sump				
			T128329 Conc.	QC	RPD	%EA	%IA
Vinyl chloride	0.20	0.05	ND	97	6	82	97
1,1-Dichloroethene	0.70	0.05	ND	102	5	98	102
Methyl Ethyl Ketone	200.0	0.5	ND	110	10	106	110
Chloroform	6.00	0.05	ND	103	4	100	103
1,2-Dichloroethane	0.60	0.05	ND	104	5	112	104
Benzene	0.50	0.05	ND	102	4	100	102
Carbon Tetrachloride	0.50	0.05	ND	120	15	98	120
Trichloroethene	0.50	0.05	ND	101	3	92	101
Tetrachloroethene	0.70	0.05	ND	97	3	86	97
Chlorobenzene	100.00	0.05	ND	97	4	95	97
1,4-Dichlorobenzene	7.50	0.05	ND	84	8	101	84

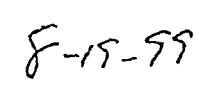
SURROGATES	% Recovery
Dibromofluoromethane	112
Toluene-d8	99
4-Bromofluorobenzene	97

ND = Not Detected

METHODS: EPA SW 846-1311, 8260B.

CHEMIST: JG


 Director, Dr. Blair Leftwich


 DATE



Sent By: TRACEANALYSIS;

7941298;

19 Aug '99 4:53PM; Job 315; Page 2/8



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 HXJ-378-1298 806-794-1295 FAX 806-734-1298
4725 Ripley Avenue, Suite A El Paso, Texas 79927 888-598-3443 - 915-585-3443 FAX 915-585-4944
E-Mail: lab@traceanalysis.com

ANALYTICAL RESULTS FOR
STAR TOOLS

August 19, 1999
Receiving Date: 08/04/99
Sample Type: Sludge
Project No: N/A
Project Location: N/A
Project Name: Yearly Analysis

Attention: Don Rogers
P. O. Box 2008
Hobbs, NM 88241

Set Date: 08/05/99
Extraction Date: 08/08/99
Analysis Date: 08/10/99
Sampling Date: 08/04/99
Sample Condition: I & C
Sample Received by: VW

TCLP Semi-Volatiles (mg/L)	EPA Limit	Reporting Limit	T129329 Solids BOP Sump	QC	RPD	%EA	%IA
Pyridine	5.0	0.05	ND	63	8	57	104
1,4-Dichlorobenzene	7.5	0.05	ND	58	12	72	97
o-Cresol	200.0	0.05	ND	57	4	80	95
m,p-Cresol	200.0	0.05	ND	58	5	78	96
Hexachloroethane	3.0	0.05	ND	59	13	72	98
Nitrobenzene	2.0	0.05	ND	67	6	92	95
Hexachlorobutadiene	0.5	0.05	ND	52	11	69	86
2,4,6-Trichlorophenol	2.0	0.05	ND	55	11	99	92
2,4,5-Trichlorophenol	400.0	0.05	ND	57	1	87	95
2,4-Dinitrotoluene	0.13	0.05	ND	65	3	85	108
2,4-D	10.0	0.05	ND	81	8	79	102
Hexachlorobenzene	0.13	0.05	ND	54	8	101	89
2,4,5-TP	1.0	0.05	ND	56	4	91	93
Pentachlorophenol	100.0	0.05	ND	68	1	99	86

Surrogates	% RECOVERY
2-Fluorophenol	49
Phenol-d6	31
Nitrobenzene-d5	86
2-Fluorobiphenyl	84
2,4,6-Tribromophenol	88
Terphenyl-d14	91

ND - Not Detected

Methods: EPA SW 846-1311, 8270.

CHEMIST: LK


Director, Dr. Blair Leftwich

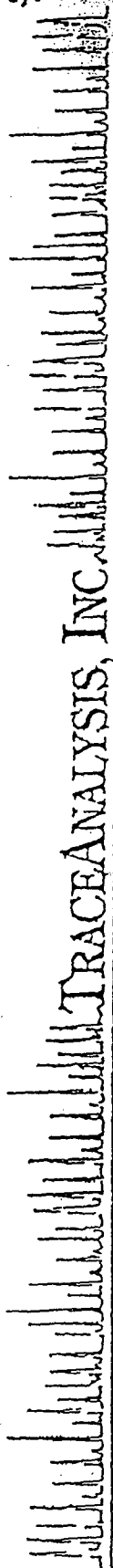
8-19-99
Date



Sent By: TRACEANALYSIS;

7941298;

19 Aug '99 4:54PM; Job 315; Page 3/8



6731 Alabamian Avenue, Suite 5 Lubbock, Texas 79424 806-794-1236 FAX 806-794-1238
4775 Ripley Avenue, Suite 4 El Paso, Texas 79922 980-535-3443 FAX 915-585-4544
E-Mail: lab@traceanalysis.com

ANALYTICAL RESULTS FOR

Sampling Date: 08/04/99
Sample Condition: I & C
Sample Received by: VW
Project Name: Yearly Analysis

STAR TOOLS
Attention: Don Rogers
P. O. Box 2008
Hobbs, NM 88241

August 19, 1999
Receiving Date: 08/04/99
Sample Type: Sludge
Project No: N/A
Project Location: N/A

TCLP METALS

TA#	FIELD CODE	As (mg/L)	Sa (mg/L)	Cd (mg/L)	Cr (mg/L)	Pb (mg/L)	Ag (mg/L)	Ba (mg/L)	Hg (mg/L)
T123329	Solids-BOP Sump	5.0 <0.10	1.0 <0.10	1.0 <0.02	5.0 <0.05	5.0 <0.10	5.0 <0.05	100.0 0.22	0.20 <0.010
ICV		1.02	1.03	1.03	1.02	1.01	0.198	1.02	0.00487
CCV		1.01	1.02	1.00	1.01	0.99	0.195	1.00	0.00498
REPORTING LIMIT		0.10	0.10	0.02	0.05	0.10	0.05	0.10	0.010
RPD		1	2	2	1	2	0	2	3
% Extraction Accuracy		104	104	101	101	98	100	98	96
% Instrument Accuracy		101	102	102	101	100	98	101	98
PREP DATE		08/05/99	08/05/99	08/05/99	08/05/99	08/05/99	08/05/99	08/05/99	08/05/99
ANALYSIS DATE		08/11/99	08/11/99	08/11/99	08/11/99	08/11/99	08/11/99	08/11/99	08/10/99

METHODS: EPA SW 846-1311, 6010B, 7470A
CHEMIST: As, Sa, Cd, Cr, Pb, Ag, Ba, RR Hg: BP
TCLP METALS SPIKE: 10 mg/L As, Sa, Cd, Cr, Pb, Ba: 2.5 mg/L Ag Hg SPIKE: 0.050
TCLP METALS CV: 1.0 mg/L As, Sa, Cd, Cr, Pb, Ba: 0.20 mg/L Ag Hg CV: 0.0050

8-15-99

Data

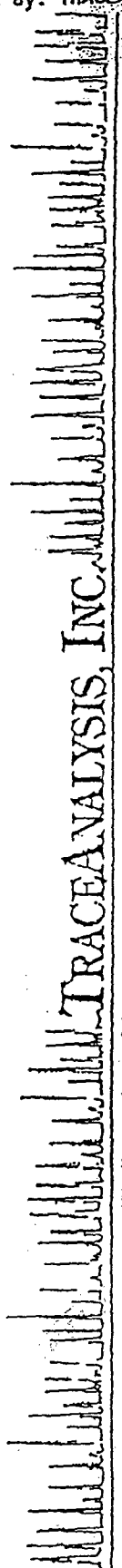
Director, Dr. Blair Leftwich



Sent By: TRACEANALYSIS;

7941298;

19 Aug'99 4:54PM; Job 315; Page 6/8



6701 Abasco Avenue, Suite 5 Lubbock, Texas 79424 806-794-1286 FAX 806-794-1288
4725 Ripley Avenue, Suite 4 El Paso, Texas 79912 806-535-3443 FAX 915-535-4344
E-Mail: lab@traceanalysis.com

ANALYTICAL RESULTS FOR

STAR TOOL

Attention: Don Rodgers
P.O. Box 2008
Hobbs, NM 88240

Extraction Date: 8/12/99
Analysis Date: 8/12/99
Sampling Date: 8/4/99
Sample Condition: Intact & Cool
Sample Received by: NG
Project Name: Yearly Analysis

August 18, 1999
Receiving Date: 8/4/99
Sample Type: Sludge
Project No: N/A
Project Location: N/A

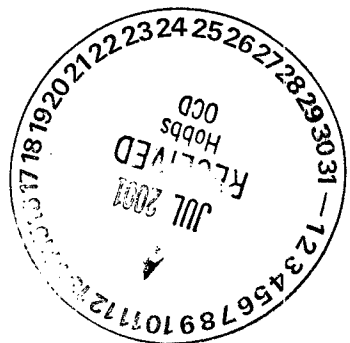
TA#	Field Code	REACTIVITY	SULFIDES (ppm)	CYANIDES (ppm)	CORROSIVITY (mm/yr)	pH (s.u.)	IGNITABILITY
T129329	EPA LIMIT = Solids-BOP Sump	---	500	250	>6.5 mm/yr.	<2-12.5	---
QC	Quality Control	---	<10	<2.5	Non-corrosive	8.06	Non-ignitable
*Corrected field ox							
RPD		0	0	0	0	0	0
% Extraction Accuracy		---	---	---	---	---	---
% Instrument Accuracy		100	100	100	100	100	100

METHODS: EPA SW 846-Chapter 7 7.3, Chapter 7 7.2, Chapter 7 7.1.
CHEMIST: JM

Director, Dr. Blair Leftwich

DATE

8-19-99





District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1995

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 ☒	4. Generator Weatherford 5. Originating Site Hobbs Facility
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter CRI
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 3000 W. County Road, Hobbs, New Mexico	
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:

07-26-01A

Contaminated soil containing hydraulic oil generated from clean up in our facility.

I am enclosing a certificate of waste status, MSDS sheets and process of knowledge letter to approve this waste stream for the year 2001.

RECEIVED

AUG 14 2001

Environmental Bureau
Oil Conservation Division

Estimated Volume appx. 48 yads. cy Known Volume (to be entered by the operator at the end of the haul) cy

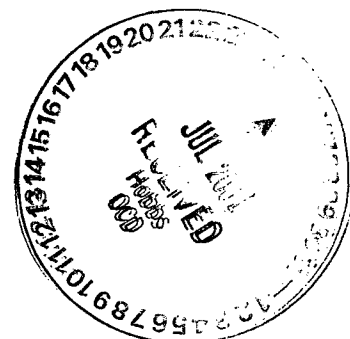
SIGNATURE Carmella San Maanen TITLE: Bookkeeper DATE: 7-26-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: [Signature] TITLE: Environmental Engr DATE: 8-13-01

APPROVED BY: [Signature] TITLE: Bureau Chief DATE: 8/14/01



**CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"**

COMPANY / GENERATOR WeatherfordADDRESS 3000 W. County RoadGENERATING SITE 3000 W. County RoadCOUNTY Lea STATE NMTYPE OF WASTE Contaminated soilESTIMATED VOLUME 48 yardsGENERATING PROCESS clean up of yard

REMARKS _____

NMOCD FACILITY CRITRUCKING COMPANY CRI

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.3.

AGENT Duane Bryant
SIGNATURENAME Duane Bryant
PRINTEDADDRESS 3000 W. County RoadHobbs NM 88240DATE 7-26-01





Weatherford

Completion & Oilfield Services

July 9, 2001
David Parsons
CRI

David,

The contaminated soil that you got from us is from hydraulic oil that has leaked out of our closing units onto the soil. I have submitted a copy of the MSDS for the hydraulic oil to you. Thank you.

Duane Bryant
Location Supervisor
Hobbs, NM District
505/392-2626



BasinTech Lubricants

MATERIAL SAFETY DATA SHEET

Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Eddins-Walcher Company
P. O. Drawer 1920
Midland, Texas 79701-1920

Transportation Emergency (CHEMTREC): 1-800-424-9300
Technical Information: 1-915-498-8271
General MSDS Assistance: 1-915-498-8271

PRODUCT NAME: BasinTech AW Hydraulic
(22, 32, 46, 68, 100)

MSDS: #00047

COMMON NAME: Hydraulic Oil

CHEMICAL FORMULA: Mixture

CHEMICAL NAME: Lubricating Oil, Hydraulic

CHEMICAL FAMILY: Hydrocarbon

Section 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

INGREDIENTS	PERCENTAGES (by weight)	PEL (OSHA)	TLV (ACGIH)	CAS #
Oil, Solvent Neutral	98.8 - 98.9%	N/D ppm TWA	5 mg/m ³ TWA (oil mist)	64742-65-0
Antiwear Inhibitor	Proprietary	N/D ppm TWA	N/D ppm TWA	
Performance additives	Proprietary	N/D ppm TWA	N/D ppm TWA	

(TWA) - Time Weighted Average is the employee's average airborne exposure in any 8-hour work shift of a 40-hour work week which shall not be exceeded.

(STEL) - Short Term Exposure Limit is the employee's 15-minute time weighted average exposure which shall not be exceeded at any time during a work day unless another time limit is specified.

Section 3 - HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW****POTENTIAL HEALTH EFFECTS**

ROUTES OF ENTRY: (Eye Contact, Dermal, Inhalation, Ingestion.)

ACUTE EFFECTS OF OVER EXPOSURE:

Eyes - Expected to be an irritant.

Skin - Expected to be an irritant.

Inhalation - May cause headaches and dizziness.

Ingestion - Large quantities could cause central nervous system depression and gastrointestinal disturbance.

CHRONIC EFFECTS OF OVER EXPOSURE: Not probable.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Impaired pulmonary function, especially those with respiratory disease.

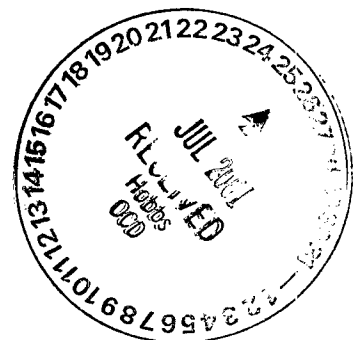
CARCINOGENICITY: NTP: No

IARC: No

OSHA: No

Section 4 - FIRST AID MEASURES**EMERGENCY AND FIRST AID PROCEDURES:**

Eye Contact - If material comes in contact with the eyes, immediately wash the eyes with large amounts of water for at least 15 minutes, occasionally lifting the lower and upper eyelids. Get prompt medical attention.



BainTech AW Hydraulic Oil (22,33,46,68,100), MSDS #00047, Revised as of 09/26/95

Skin Contact - If the material comes in contact with the skin, wash the contaminated skin with soap and water promptly. If the material penetrates through clothing, remove the clothing and wash the skin with soap and water promptly. If irritation persists after washing, get medical attention immediately.

Inhalation - If a person breathes in large amounts of this material, move the exposed person to fresh air at once. Other measures are usually unnecessary.

Ingestion - If material has been swallowed, do not induce vomiting. Get medical attention immediately.

Section 5 - FIRE - FIGHTING MEASURES

FLASH POINT: 392°F (<200°C)

AUTO IGNITION TEMP: N/A

FLAMMABLE LIMITS IN AIR
% BY VOLUME

LOWER
N/D

UPPER
N/D

EXTINGUISHING MEDIA: Carbon Dioxide, dry chemical, water spray (fog) or foam.

SPECIAL FIRE FIGHTING PROCEDURES: Cool containers with water and remove from fire if possible. Wear self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Empty containers could contain flammable vapors.

HAZARD RATING: NFPA 704: Health- 1 Fire- 1 Reactivity- 0
HMIS: Health- 1 Fire- 1 Reactivity- 0

Section 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO TAKE IF MATERIAL IS RELEASED OR SPILLED: Dike and use non-combustible absorbent.

Section 7 - HANDLING AND STORAGE

HANDLING AND STORING: Grounding of containers recommended. Avoid electrostatic hazards.

Section 8 - EXPOSURE CONTROL - PERSONAL PROTECTION

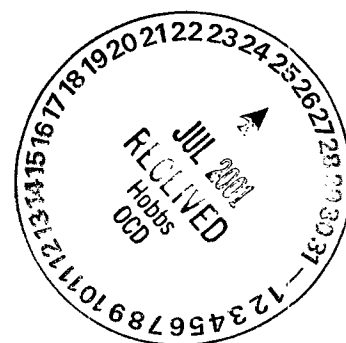
ENGINEERING CONTROLS: Mechanical ventilation recommended.

RESPIRATORY EQUIPMENT: Usually not needed, when required use only approved NIOSH organic vapor respirator.

EYE PROTECTION: Chemical goggles or faceshield recommended to minimize eye contact.

PROTECTIVE CLOTHING: PVC or equivalent resistant gloves recommended to minimize exposure.

OTHER (SAFETY SHOWERS, EYE WASH STATIONS, ETC.): Water should be available for flushing and washing.



BasinTech AW Hydraulic (22,32,46,68,100) MSDS #00047, Revised as of 09/26/95

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Amber liquid

ODOR: Mild petroleum odor

BOILING POINT: 500° - 1000°F

SPECIFIC GRAVITY (water=1): .862 - .890

VAPOR PRESSURE: <1mm Hg @ 68°F

VAPOR DENSITY (air=1): N/D

SOLUBLE IN WATER: Insoluble

EVAPORATION RATE (ether=1): <Ether

pH: N/D

Section 10 - STABILITY AND REACTIVITY**STABILITY:**STABLE X (At room temperature and pressure. See handling and storage section)UNSTABLE **INCOMPATIBILITY -**

CONDITIONS TO AVOID: Do not store in areas above 140°F.

MATERIALS TO AVOID: Oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen Sulfide.

HAZARDOUS POLYMERIZATION: Will not occur.

Section 11 - TOXICOLOGY INFORMATION

Note: Eddins-Walcher has not conducted specific toxicity tests on this product.

Section 12 - ECOLOGICAL INFORMATION

Note: Eddins-Walcher has not conducted specific ecological tests on this product.

Section 13 - DISPOSAL CONSIDERATION

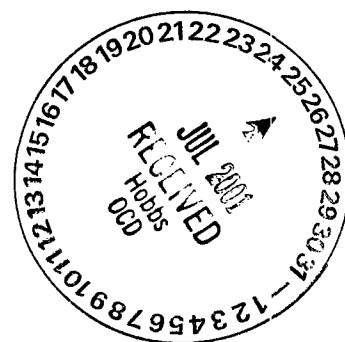
WASTE DISPOSAL PROCEDURES: Consult with Local, State, Federal environmental agencies for compliance.

Section 14 - TRANSPORTATION

DOT PROPER SHIPPING NAME: Not regulated by DOT DOT HAZARD CLASS N/A.

DOT IDENTIFICATION NUMBER: N/A

DOT EMER. RESPONSE GUIDE NO.: N/A



BainTech AW Hydraulic 122324668, 1001 MSDS #00047, Revised as of 09/26/95

Section 15 - REGULATORY INFORMATION

This product does not contain toxic chemicals subject to the reporting requirements of SARA Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS NumberChemical NamePercent by Weight

SARA SECTION 311-312 HAZARD CATEGORIES (40 CFR 370.2):

FIRE: No SUDDEN RELEASE OF PRESSURE: No REACTIVE: No ACUTE: No CHRONIC: No**Section 16 - OTHER INFORMATION**

Prepared By: _____

DATE: _____

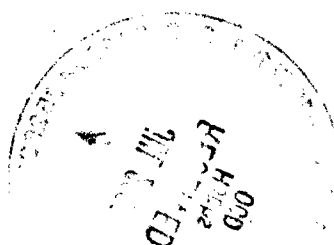
Approved By: _____

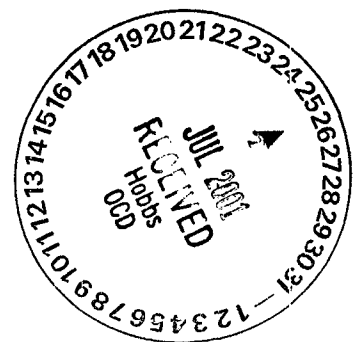
Supersedes: _____

Title: _____

Reason for Issue: _____

THE INFORMATION CONTAINED IN THIS MSDS RELATES ONLY TO THE SPECIFIC MATERIAL IDENTIFIED. IT DOES NOT COVER USE OF THAT MATERIAL IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PARTICULAR PROCESS. IN COMPLIANCE WITH 29 C.F.R. 1910.1200(g), EDDINS-WALCHER HAS PREPARED THIS MSDS IN SEGMENTS, WITH THE INTENT THAT THOSE SEGMENTS BE READ TOGETHER AS A WHOLE WITHOUT TEXTUAL OMISSIONS OR ALTERATIONS. EDDINS-WALCHER BELIEVES THE INFORMATION CONTAINED HEREIN TO BE ACCURATE, BUT MAKES NO REPRESENTATION, GUARANTEE, OR WARRANTY, EXPRESS OR IMPLIED, ABOUT THE ACCURACY, RELIABILITY, OR COMPLETENESS OF THE INFORMATION OR ABOUT THE FITNESS OF CONTENTS HEREIN FOR EITHER GENERAL OR PARTICULAR PURPOSES. PERSONS REVIEWING THIS MSDS SHOULD MAKE THEIR OWN DETERMINATION AS TO THE MATERIAL'S SUITABILITY AND COMPLETENESS FOR USE IN THEIR PARTICULAR APPLICATIONS.





District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1995

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 ☒	4. Generator Quail Tools 5. Originating Site Odessa, TX 6. Transporter Unknown 8. State New Mexico
2. Management Facility Destination Controlled Recovery, Inc.	
3. Address of Facility Operator P.O. Box 388, Hobbs	
7. Location of Material (Street Address or ULSTR) 400 Alabama, Odessa	Texas
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:

08-28-01A

Sump Sludge

The sludge is generated from steam cleaning oilfield tools.

Enclosed is a certificate of waste status, analytical data, and chain of custody to extend this process through the year 2001.

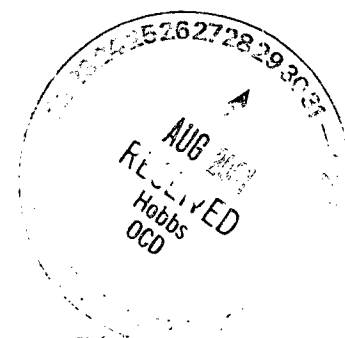
Estimated Volume 30 cubic yds. cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 8-28-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: [Signature] TITLE: Environmental Engineer DATE: 9-5-01
APPROVED BY: [Signature] TITLE: Branch Chief DATE: 7-13-01

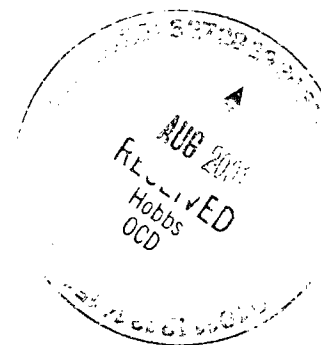


**CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"**

COMPANY / GENERATOR Quail Tools
ADDRESS 400 Alabama, Odessa, TX 79762
GENERATING SITE Same as above
COUNTY Ector STATE Texas
TYPE OF WASTE Sump Sludge
ESTIMATED VOLUME 30 cubic yards / year
GENERATING PROCESS The sludge is generated
from Steam Cleaning oilfield tools
REMARKS _____
NMOCF FACILITY Controlled Recovery, Inc.
TRUCKING COMPANY Unknown

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.3.

AGENT David Blair
SIGNATURE
NAME David Blair
PRINTED
ADDRESS 400 Alabama
Odessa, TX 79762
DATE 8/23/01



ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

LLANO PERMIAN ENVIRONMENTAL
ATTN: MR. TERRY JAMES
1031 ANDREWS HWY., STE. 115
MIDLAND, TEXAS 79701
FAX: 915-522-2180

Sample Type: Sludge
Sample Condition: Intact/ 18 deg. C
Project #: QUT.001.GCJ
Project Name: Quali Tools
Project Location: Odessa, TX

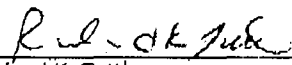
Sampling Date: 02/01/01
Receiving Date: 02/01/01
Analysis Date: 02/06/01
Field Code: Sump Sample

TCLP SEMIVOLATILE ORGANICS (mg/L)	REG. LIMIT	REPORT LIMIT	ELT# 37069	%DEV	%EA
2-Methylphenol	200	0.005	ND	5.6	
4-Methylphenol	200	0.005	ND	5.3	
1,4-Dichlorobenzene	7.5	0.005	ND	-3.2	99
2, 4-Dinitrotoluene	0.13	0.005	ND	-15.4	
Hexachlorobenzene	0.13	0.005	ND	-13.0	
Hexachlor-1, 3-butadien	0.5	0.005	ND	-19.7	
Hexachloroethane	3.0	0.005	ND	6.4	
Nitrobenzene	2.0	0.005	ND	13.9	
Pentachlorophenol	100	0.005	ND	12.2	41
Pyridine	5.0	0.005	ND	13.5	
2,4,5-Trichlorophenol	400	0.005	ND	-16.5	
2,4,6-Trichlorophenol	2.0	0.005	ND	5.3	

ND= NOT DETECTED, < REPORTING LIMIT
SYSTEM MONITORING COMPOUNDS

	% Recovery
2-Fluorophenol	60
Phenol-d5	54
Nitrobenzene-d5	70
2-Fluorobiphenyl	95
2,4,6-Tribromophenol	72
p-Terphenyl-d14	115

Method: SW 846-8270,1311


Raland K. Tuttle

2-14-01
Date



**THE REPRODUCTION OF
THE
FOLLOWING
DOCUMENT (S)
CANNOT BE IMPROVED
DUE TO
THE CONDITION OF
THE ORIGINAL**



ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

LLANO PERMIAN ENVIRONMENTAL
ATTN: MR. TERRY JAMES
1031 ANDREWS HWY., STE. 115
MIDLAND, TEXAS 79707
FAX: 915-522-2180

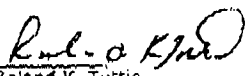
Sample Type: Sludge
Sample Condition: Intact/ 18 deg C
Project #: QUT-001/GC
Project Name: Quail Tools
Project Location: Odessa, TX

Sampling Date: 02/01/01
Receiving Date: 02/01/01
Analysis Date: 02/01/01

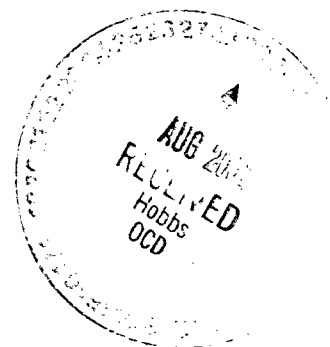
ELT#	Field Code	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg	TPH C6-C28 mg/kg
37069	Sump Sample	245	1920	2165

REPORTING LIMIT	25	25	25
% IA	90	80	87
% EA	92	89	91
BLANK	<25	<25	<25

METHODS: TNRCC 1005


Raland K. Tuttle

2-14-01
Date



ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

LLANO PERMIAN ENVIRONMENTAL
ATTN: MR. TERRY JAMES
1031 ANDREWS HWY., STE. 115
MIDLAND, TEXAS 79701
FAX: 915-520-0330

Sample Type: Sludge
Sample Condition: Intact/ 15 deg. C
Project #: QUT.001.GC1
Project Name: Qual Tools
Project Location: Odessa, Texas

Sampling Date: 02/01/01
Receiving Date: 02/01/01
Analysis Date: 02/09/01
Analysis Date: Hg 02/07/01

		TCLP METALS (mg/L)							
ELT#	Field Code	Ag	As	Ba	Cd	Cr	Hg	Pb	Se
37069	Sump Sample	<0.05	<0.002	0.5484	1.249	0.0143	<0.002	1.132	<0.02
REPORT LIMIT		0.05	0.02	0.10	0.002	0.004	0.002	0.025	0.02
% IA		94	99	98	99	99	114	99	100
% EA		96	111	95	88	89	108	100	99
BLANK		<0.05	<0.002	<0.10	<0.002	<0.004	<0.002	<0.025	<0.02

METHODS: EPA SW 846-1311, 3010, 7470, 6010

Roland K. Tuttle
Roland K. Tuttle

2-14-01
Date



ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

LLANO PERMIAN ENVIRONMENTAL
ATTN: MR. TERRY JAMES
1031 ANDREWS HWY., STE. 115
MIDLAND, TEXAS 79701
FAX: 915-520-0390

Sample Type: Sludge
Sample Condition: Intact/ 15 deg. C
Project #: QUT.001 GCI
Project Name: Quail Toils
Project Location: Odessa, TX

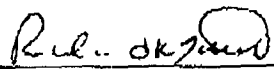
Sampling Date: 02/01/01
Receiving Date: 02/01/01
Analysis Date: 02/09/01
Field Code: Sump Sample

TCLP	REPORT	ELT#		
EPA SW846 8260B Compounds	LIMIT	mg/L	%EA	%DEV
Benzene	0.002	0.054	98	16.5
Carbon tetrachloride	0.002	ND		-9.5
Chlorobenzene	0.002	ND		-17.1
Chloroform	0.002	0.097	101	5.3
1,4-Dichlorobenzene	0.002	ND		12.8
1,2-Dichloroethane	0.002	ND		14.5
1,1-Dichloroethylene	0.002	ND		-7.8
Methyl ethyl ketone	0.020	ND		2.6
Tetrachloroethylene	0.002	ND		11.6
Trichloroethylene	0.002	ND		-19.6
Vinyl chloride	0.002	ND		-2.8

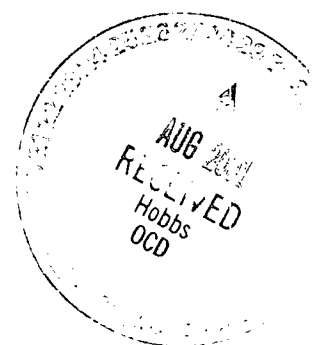
System Monitoring Compounds	% RECOVERY
Dibromofluoromethane	113
1,2-dichloroethane-d4	108
Toluene-d8	111
4-Bromofluorobenzene	95

ND= NOT DETECTED

Method: EPA SW 846 8260, 1311


Raland K. Tuttle

2-14-01
Date



ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

LLANO PERMIAN ENVIRONMENTAL
ATTN: MR. TERRY JAMES
1031 ANDREWS HWY., STE. 115
MIDLAND, TEXAS 79701
FAX: 915-520-0390

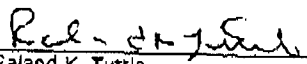
Sample Type: Water
Sample Condition: Intact/ Iced/ 4 deg. C
Project #: 910101-2-0
Project Name: Seminole
Project Location: Seminole, TX

Sampling Date: 02/01/01
Receiving Date: 02/01/01
Analysis Date: See Below

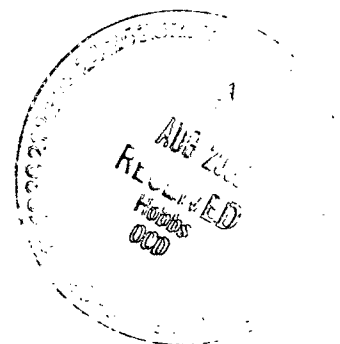
ELT#	Field Code	REACTIVITY	CN- mg/L	CORROSIVITY	IGNITABILITY
		H2S mg/L		(s.u.)	deg F
36678	ACI	<100	<50	11.54	>150

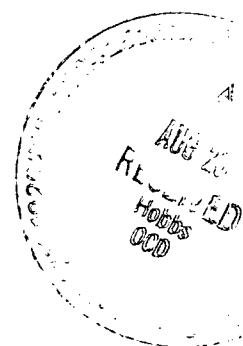
ANALYSIS DATE 2/08/01 2/08/1 2/12/01 2/13/01

METHODS: EPA SW-846 1010M, 9045, 9012, 9034


Roland K. Tuttle

2-14-01
Date





Aug-20-01 03:22pm From-QUAIL TOOLS

+3373652554

T-157 P.02/03 F-123

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

QUAIL TOOLS LLP
ATTN: MR. DAVID BLAIR
400 W. ALABAMA
ODESSA, TEXAS 79765
FAX: 366-1304

SampleType: Sludge
Sample Condition: Intact/ 20.0 deg C
Project #: None Given
Project Name: None Given
Project Location: None Given

Sampling Date: 04/04/01
Receiving Date: 04/04/01
Analysis Date: 04/05/01

ELT#	FIELD CODE	TCLP
		Cadmium mg/L
38715	Sump Sludge	0.339
38716	Vat Sludge	0.126

% INSTRUMENT ACCURACY
% EXTRACTION ACCURACY
BLANK

98
95
<0.010

METHODS: SW 846-1311, 7130


Roland K. Tuttle

4-6-01
Date



Aug-20-01 03:22pm

From-QUAIL TOOLS

+3373662554

T-157 P.03/03 F-123

Environmental Lab of Texas, Inc.

32800 West 120 East
Odessa, Texas 79763

Phone: 915-563-1800
Fax: 915-563-1773

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager:

David Blain

Company Name:

Quail Tools LLP

Company Address:

400 W. Alabama

City/State/Zip:

Odessa, Tex. 79765

Telephone No:

366-1491

Fax No: *366-1304*

Sampler Signature:

David Blain

Project Name:

Project #:

Project Loc:

PO #:

Cashmere

FIELD CODE	Date Sampled	Time Sampled	No. of Containers	ICU	HNO ₃	H ₂ O ₂	NaOH	H ₂ SO ₄	None	Other (Specify)	Water	Sludge	Soil	Other (Specify)	TDS / CL / SAR / EC	YPH 418.1	TPH TX 1005/1008	TPH 8015M GROW/DO	Metals: <i>As Pb Cd Cr Cu Fe Hg Mn Ni Se Zn</i>	Volatiles	Semivolatiles	BTEX 80218/5030	RUSH TAT (Pre-Schedule)	Standard TAT
<i>Swamp Sludge</i>	<i>4/14/01</i>	<i>10:15 AM</i>	<i>1</i>																					
<i>Lat Sludge</i>	<i>4/14/01</i>	<i>10:20 AM</i>	<i>1</i>																					

Special Instructions:

Refrigerated by:

Date:

Time:

Refrigerated by:

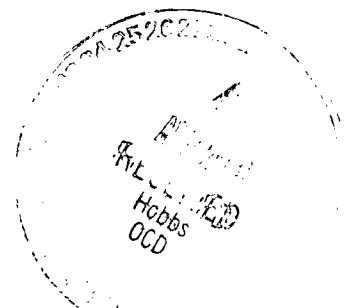
Date:

Time:

Refrigerated by:

Date:

Time:



LP

LLANO-PERMIAN ENVIRONMENTAL
1031 Andrews Hwy., Ste. 115, Midland, Texas 79701
(915) 522-2133 Phone (915) 522-2180 Fax

FACSIMILE TRANSMITTAL**DATE:** 8/23/01 **TIME:** _____**FROM:** Terry James
Llano-Permian Environmental**TO:** Cornelia**COMPANY:** CRI**RE:** Quail tool sump sledge**FAX #:** 505/393-3615 **NO. OF PAGES:** _____
(Including This Coversheet)**COMMENTS:**

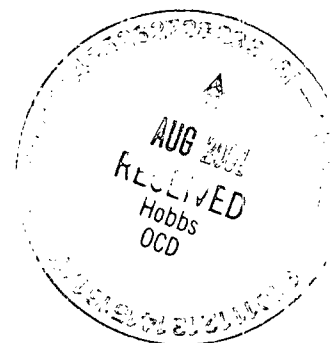
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TRANSMISSION VERIFICATION REPORT

TIME : 08/21/2001 20:52

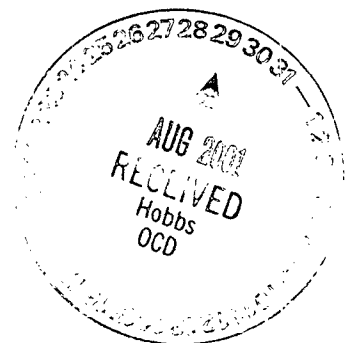
DATE, TIME	08/21 20:51
FAX NO./NAME	19155222180
DURATION	00:00:34
PAGE(S)	02
RESULT	OK
MODE	STANDARD
	ECM



Controlled Recovery, Inc.
P.O. Box 388 Hobbs, NM 88241
Phone: (505)393-1079 Fax: (505)393-3615

CRI

To:	TERRY / LP	From:	CARMELLA
Fax:	915-522-2180	Pages:	2, INCLUDING COVER
Phone:		Date:	8-22-01
Re:	TERRY, PLEASE HAVE HIM FILL	CC:	
THIS OUT, SIGN AND DATE AND FAX			
BACK TO ME. IF HE NEEDS HELP			
FILLING THIS OUT HE MAY CALL ME.			
THANKS, TERRY !!			
☐ Urgent ☒ For Review ☐ Please Comment Please Reply ☐ Please Recycle			



LP

LLANO-PERMIAN ENVIRONMENTAL
1031 Andrews Hwy., Ste. 115, Midland, Texas 79701
(915) 522-2133 Phone (915) 522-2180 Fax

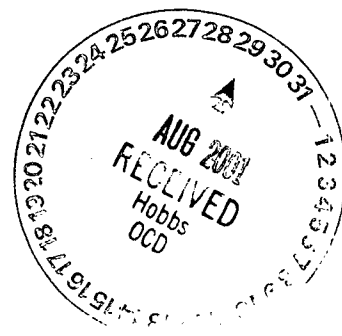
FACSIMILE TRANSMITTALDATE: 8/21/01 TIME: _____FROM: Terry James
Llano-Permian EnvironmentalTO: CarmelaCOMPANY: CKIRE: 5 Quail Toes AnalyticalFAX #: 505/393-3615 NO. OF PAGES: 9
(Including This Coversheet)**COMMENTS:**

Hi Carmela: FYI - The Cadmium was re-run
because it was unnaturally high in the first sample. Thanks

Terry James

*fax cert.
of waste
status*

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1625 N. French Lr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1995

Submit Original
Plus 1 Copy
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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒	4. Generator ESP, Inc. 5. Originating Site Midland, TX
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter Petroplex Pipe
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 17 Kevin Rd., Midland	Texas
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:

08-28-01B

Filter sand from wash out submergible pumps.

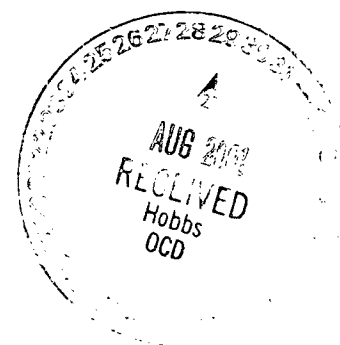
Enclosed is a certificate of waste status, copy of previous C-138, copy of previous analytical and process of knowledge letter. The process has not changed.

Estimated Volume 48 yards cy Known Volume (to be entered by the operator at the end of the haul) cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 8-28-01
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)
APPROVED BY: [Signature] TITLE: Environmental Engineer DATE: 9-5-01
APPROVED BY: [Signature] TITLE: Bureau Chief DATE: 9-13-01

Emailed 9/13/01



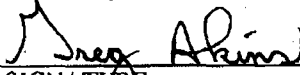
**CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"**

COMPANY / GENERATOR ESP, Inc.ADDRESS 17 ^K Kevin Rd., Midland, TX 79703GENERATING SITE Same as aboveCOUNTY Midland STATE TXTYPE OF WASTE Washout SandESTIMATED VOLUME 48 yardsGENERATING PROCESS Washing of pumps, process has
not changed.

REMARKS _____

NMOCD FACILITY Controlled Recovery, Inc.TRUCKING COMPANY Petroplex Pipe & Construction

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 2613.

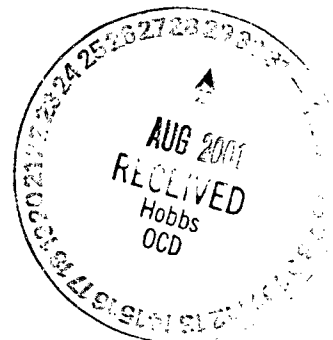
AGENT 

SIGNATURE

NAME GREG AKINS

PRINTED

ADDRESS 18 BARRY ROADMIDLAND, TEXAS 79706DATE 08-28-01



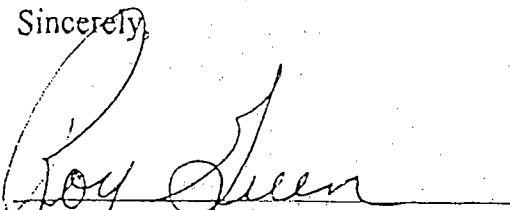
ESP, Inc.
17 Levin Rd.
Midland, TX 79703
(915) 697-4540

August 28, 2001

New Mexico Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

ESP, Inc. requests that the attached analytical data, full packet last submitted on 2-27-00, be approved for usage through February 2002. The process that generates this waste stream has not changed. Thank you for your cooperation.

Sincerely,



Roby Green



District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1995

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator ESP, Inc.
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site Midland, TX
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter Petroplex Pipe & C
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 17 Levin Road, ESP yard	Midland, TX
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:

03-006

Filter sand from wash out submergable pumps.

Enclosed is a certificate of waste status, copy of previous C-138, copy of previous analytical and process of knowledge letter. The process has not changed.

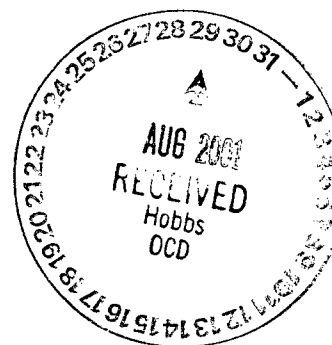
Estimated Volume 24 yards cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 3-2-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY [Signature] TITLE: Bureau Chief DATE: 3/19/01
APPROVED BY _____ TITLE: _____ DATE: _____



Sent by: TRACEANALYSIS;

7941298;

4 Feb'00 9:24AM; Job 749; Page 1

6701 Abaddon Avenue, Suite 9
4775 Ripley Avenue, Suite ALubbock, Texas 79426 800-378-1296
El Paso, Texas 79907 1800-541-3441
E Mail lab@traceanalysis.com306-794-1296 FAX 806-794-1298
915-505-3441 FAX 915-505-4944

Analytical and Quality Control Report

Gary Miller
Highlander Environmental Services
1910 N. Big Spring St.
Midland, TX 79705

Report Date: 2/3/00

Project Number: 1415
Project Name: Drum Soil & Blast Sand
Project Location: N/A

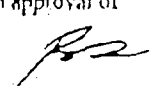
Order ID Number: A00011907

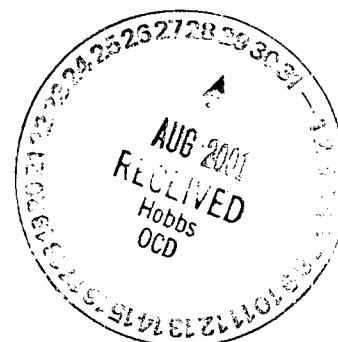
Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to TraceAnalysis, Inc. for analysis:

Sample Number	Sample Description	Matrix	Date Taken	Time Taken	Date Received
138938	Spill Soil Comp #1	Soil	1/18/00	10:00	1/19/00
138939	Filter Sand Drum Sample #1	Soil	1/18/00	10:30	1/19/00
138940	Blast Sand Sample #1	Soil	1/18/00	11:00	1/19/00

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 15 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.


Dr. Blair Leftwich, Director

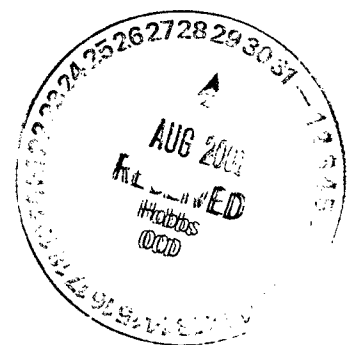


Report Date: 2/3/00
1415Order ID Number: A00011907
Drum Soil & Blast SandPage Number: 2 of 15
N/A

Analytical Results Report

Sample Number: 138938
Description: Spill Soil Comp #1

Param	Result	Dilution	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch #	QC Batch #	RDL
Corrosivity	Non-Corrosive	1	S 1110	1/20/00	1/20/00	JM	PB00375	QC101514	
Corrosivity pH	7.70	1	S 1110	1/20/00	1/20/00	JM	PB00375	QC101514	
Ignitability	non-ignitable	1	W-846 Cl. 1	1/20/00	1/20/00	JM	PH00376	QC00597	
Reactivity									
Hydrogen Cyanide	<2.5	1	S 7.3	1/20/00	1/20/00	JM	PB00374	QC00502	
Hydrogen Sulfide	<10	1	S 7.3	1/20/00	1/20/00	JM	PB00374	QC00502	
Reactivity	Non-reactive	1	S 7.3	1/20/00	1/20/00	JM	PB00374	QC00502	
TCLP Hg (mg/L)	<0.010	1	S 7470A	1/19/00	1/20/00	BP	PB00373	QC00490	0.01
TCLP Mercury									
TCLP Metals (mg/L)									
TCLP Arsenic	0.16	1	S 6010B	1/19/00	1/25/00	RR	PH00534	QC00684	0.1
TCLP Barium	0.56	1	S 6010B	1/19/00	1/25/00	RR	PB00534	QC00684	0.1
TCLP Cadmium	0.07	1	S 6010B	1/19/00	1/25/00	RR	PB00534	QC00684	0.02
TCLP Chromium	0.09	1	S 6010B	1/19/00	1/25/00	RR	PB00534	QC00684	0.05
TCLP Lead	0.14	1	S 6010B	1/19/00	1/25/00	RR	PB00534	QC00684	0.1
TCLP Selenium	<0.10	1	S 6010B	1/19/00	1/25/00	RR	PB00534	QC00684	0.1
TCLP Silver	<0.05	1	S 6010B	1/19/00	1/25/00	RR	PB00534	QC00684	0.05
TCLP Semivolatiles (mg/L)									
Pyridine	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PH00551	QC00702	0.25
1,4-Dichlorobenzene	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
o-Cresol	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
m,p-Cresol	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
Hexachloromethane	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
Nitrobenzene	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
Hexachlorobutadiene	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PH00551	QC00702	0.25
2,4,6-Trichlorophenol	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PH00551	QC00702	0.25
2,4,5-Trichlorophenol	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PH00551	QC00702	0.25
2,4-Dinitrotoluene	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PH00551	QC00702	0.25
2,4-D	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
Hexachlorobenzene	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
2,4,5-TP	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
Pentachlorophenol	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
Surrogate (mg/L)	Result	Dilution	Spike Amount	% Rec.	% Rec. Limit	Analyst	Prep Batch #	QC Batch #	
2-Fluorophenol	32.75	1	50	41	16 - 65	MA	PB00551	QC00702	
Phenol d5	20.67	1	50	26	8 - 48	MA	PH00551	QC00702	
Nitrobenzene-d5	56.45	1	50	71	28 - 118	MA	PB00551	QC00702	
2-Fluorobiphenyl	61.68	1	50	77	40 - 106	MA	PB00551	QC00702	
2,4,6-Tribromophenol	78.83	1	50	99	48 - 117	MA	PB00551	QC00702	
Terphenyl-d14	69.23	1	50	87	48 - 132	MA	PB00551	QC00702	
TCLP Volatiles (mg/L)									
Vinyl Chloride	<0.05	50	S 8260B	1/26/00	1/27/00	JQ	PB00535	QC00685	0.001



Sent By: TRACEANALYSIS;

7941288;

4 Feb 00 9:25AM; Job 748; Page 3/15

Report Date: 2/3/00

Order ID Number: A00011907

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1415

Drum Soil & Blast Sand

N/A

1,1-Dichloroethene	<0.05	50	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
Methyl ethyl ketone	<0.05	50	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
Chloroform	<0.05	50	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
1,2-Dichloroethane (DCE)	<0.05	50	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
Benzene	<0.05	50	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
Carbon Tetrachloride	<0.05	50	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
Trichloroethene (TCE)	<0.05	50	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
Tetrahydroethene (PCE)	<0.05	50	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
Chlorobenzene	<0.05	50	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
1,4-Dichlorobenzene	<0.05	50	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001

Surrogate (mg/L)	Result	Dilution	Spike Amount	% Rec.	% Rec. Limit	Analyst	Prep Batch #	QC Batch #	
Dibromofluoromethane	46	1	50	92	80 - 120	JG	PB00535	QC00685	
Toluene-d8	48	1	50	96	80 - 120	JG	PB00535	QC00685	
4-Bromofluorobenzene	47.5	1	50	95	80 - 120	JG	PB00535	QC00685	

TPH DRO (mg/Kg)

DRO

* 33100 1 Mod. #11511 1/21/00 1/21/00 MF PB00362 QC00475 5.0

* DRO - Hydrocarbons >C28 present.

TPH GRO (mg/Kg)

GRO

27.3 1 8015B 1/19/00 1/19/00 RC PB00341 QC00450 0.1

Sample Number: 138939

Description: Filter Sand Drum Sample #1

Param	Result	Dilution	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch #	QC Batch #	RDL
Corrosivity									
Corrosivity	Non-Corrosive	1	S 1110	1/20/00	1/20/00	JM	PB00375	QC00504	
pH	6.70	1	S 1110	1/20/00	1/20/00	JM	PB00375	QC00504	
Ignitability									
Ignitability	non-ignitable	1	W-846 Ch. 7	1/20/00	1/20/00	JM	PB00376	QC00507	
Reactivity									
Hydrogen Cyanide	<2.5	1	S 7.3	1/20/00	1/20/00	JM	PB00374	QC00502	
Hydrogen Sulfide	<10	1	S 7.3	1/20/00	1/20/00	JM	PB00374	QC00502	
Reactivity	Non-reactive	1	S 7.3	1/20/00	1/20/00	JM	PB00374	QC00502	
TCLP Hg (mg/L)									
TCLP Mercury	<0.010	1	S 7470A	1/19/00	1/25/00	RP	PB00373	QC00490	0.01
TCLP Metals (mg/L)									
TCLP Arsenic	0.21	1	S 6010B	1/19/00	1/25/00	RR	PB00534	QC00684	0.1
TCLP Barium	0.37	1	S 6010B	1/19/00	1/25/00	RR	PB00534	QC00684	0.1
TCLP Cadmium	0.07	1	S 6010B	1/19/00	1/25/00	RR	PB00534	QC00684	0.02
TCLP Chromium	0.10	1	S 6010B	1/19/00	1/25/00	RR	PB00534	QC00684	0.05
TCLP Lead	0.37	1	S 6010B	1/19/00	1/25/00	RR	PB00534	QC00684	0.1
TCLP Selenium	0.12	1	S 6010B	1/19/00	1/25/00	RR	PB00534	QC00684	0.1
TCLP Silver	<0.05	1	S 6010B	1/19/00	1/25/00	RR	PB00534	QC00684	0.05
TCLP Semivolatiles (mg/L)									
Pyridine	<0.05	1	E 827(X)	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
1,4-Dichlorobenzene	<0.05	1	E 827(X)	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
o-Cresol	<0.05	1	E 827(X)	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
m,p-Cresol	<0.05	1	E 827(X)	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
Hexachloroethane	<0.05	1	E 827(X)	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
Nitrobenzene	<0.05	1	E 827(X)	1/28/00	1/31/00	MA	PB00551	QC00702	0.25



Report Date: 2/3/00

Order ID Number: A00011907

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1415

Drum Soil & Blast Sand

N/A

Hexachlorobutadiene	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
2,4,6-Trichlorophenol	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
2,4,5-Trichlorophenol	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
2,4-Dinitrotoluene	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
2,4-D	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
Hexachlorobenzene	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
2,4,5-TP	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
Pentachlorophenol	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25

Surrogate (mg/L)	Result	Dilution	Spike Amount	% Rec.	% Rec. Limit	Analyst	Prep Batch #	QC Batch #
2-Fluorophenol	36.56	1	50	46	16 - 65	MA	PB00551	QC00702
Phenol-d5	23.32	1	50	29	8 - 48	MA	PB00551	QC00702
Nitrobenzene-d5	62.31	1	50	78	28 - 118	MA	PB00551	QC00702
2-Fluorobiphenyl	62.41	1	50	78	40 - 106	MA	PB00551	QC00702
2,4,6-Tribromophenol	77.36	1	50	97	48 - 117	MA	PB00551	QC00702
Terphenyl-d14	74.47	1	50	93	48 - 132	MA	PB00551	QC00702

TCLP Volatiles (mg/L)

Vinyl Chloride	<0.05	50	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
1,1-Dichloroethene	<0.05	1	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
Methyl ethyl ketone	<0.05	1	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
Chloroform	<0.05	1	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
1,2-Dichloroethane (DCE)	<0.05	1	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
Benzene	<0.05	1	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
Carbon Tetrachloride	<0.05	1	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
Trichloroethene (TCE)	<0.05	1	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
Tetrachloroethene (PCE)	<0.05	1	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
Chlorobenzene	<0.05	1	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
1,4-Dichlorobenzene	<0.05	1	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001

Surrogate (mg/L)

Surrogate (mg/L)	Result	Dilution	Spike Amount	% Rec.	% Rec. Limit	Analyst	Prep Batch #	QC Batch #
Dibromofluoromethane	48	1	50	96	80 - 120	JG	PB00535	QC00685
Toluene-d8	48.5	1	50	97	80 - 120	JG	PB00535	QC00685
4-Bromofluorobenzene	49	1	50	98	80 - 120	JG	PB00535	QC00685

TPH DRO (mg/Kg)

DRO	31500	1	Mod. 8015B	1/21/00	1/21/00	MP	PB00362	QC00375	50
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* DRO - Hydrocarbons C28 present

TPH GRI (mg/Kg)

GRI	<5	1	8015B	1/19/00	1/19/00	RC	PB00341	QC00450	0.1
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Sample Number: 138940

Description: Blast Sand Sample #1

Param	Result	Dilution	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch #	QC Batch #	RDL
Corrosivity									
Corrosivity	Non-Corrosive	1	S 1110	1/20/00	1/20/00	JM	PB00375	QC00504	
pH	7.09	1	S 1110	1/20/00	1/20/00	JM	PB00375	QC00504	
Ignitability									
Ignitability	non-ignitable	1	A-846 Ch. 7	1/20/00	1/20/00	JM	PB00376	QC00507	
Reactivity									
Reactivity	Non-reactive	1	S 7.3	1/20/00	1/20/00	JM	PB00374	QC00502	
Hydrogen Cyanide	<2.5	1	S 7.3	1/20/00	1/20/00	JM	PB00374	QC00502	



Sent By: TRACEANALYSIS;

7941298;

4 Feb '00 9:28AM; Job 748; Page 5/15

Report Date: 2/3/00	Order ID Number: A00011907						Page Number: 5 of 15		
1415	Drum Soil & Blast Sand						N/A		
Hydrogen Sulfide	<10	1	S 73	1/20/00	1/20/00	JM	P100174	QC00502	
TCLP Hg (mg/L)									
TCLP Mercury	<0.010	1	S 7470A	1/19/00	1/21/00	RP	PB00373	QC00490	0.01
TCLP Metals (mg/L)									
TCLP Arsenic	<0.10	1	S 6010B	1/19/00	1/25/00	RR	PB00534	QC00684	0.1
TCLP Barium	0.39	1	S 6010B	1/19/00	1/25/00	RR	PB00534	QC00684	0.1
TCLP Cadmium	0.06	1	S 6010B	1/19/00	1/25/00	RR	PB00534	QC00684	0.02
TCLP Chromium	0.13	1	S 6010B	1/19/00	1/25/00	RR	PB00534	QC00684	0.03
TCLP Lead	0.14	1	S 6010B	1/19/00	1/25/00	RR	PB00534	QC00684	0.1
TCLP Selenium	<0.10	1	S 6010B	1/19/00	1/25/00	RR	PB00534	QC00684	0.1
TCLP Silver	<0.05	1	S 6010B	1/19/00	1/25/00	RR	PB00534	QC00684	0.05
TCLP Semivolatiles (mg/L)									
Pyridine	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
1,4-Dichlorobenzene	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
o-Cresol	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
m,p-Cresol	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
Hexachloroethane	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
Nitrobenzene	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
Hexachlorobutadiene	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
2,4,6-Trichlorophenol	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
2,4,5-Trichlorophenol	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
2,4-Dinitrotoluene	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
2,4-D	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
Hexachlorobenzene	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
2,4,5-TP	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
Pentachlorophenol	<0.05	1	E 8270C	1/28/00	1/31/00	MA	PB00551	QC00702	0.25
Surrogate (mg/L)	Result	Dilution	Spike Amount	% Rec.	% Rec. Limit	Analyst	Prep Batch #	QC Batch #	
2-Fluorophenol	32.52	1	50	41	16 - 65	MA	PB00551	QC00702	
Phenol-d5	23.52	1	50	29	8 - 48	MA	PB00551	QC00702	
Nitrobenzene-d5	54.64	1	50	68	28 - 118	MA	PB00551	QC00702	
2-Fluorobiphenyl	61.74	1	50	77	40 - 106	MA	PB00551	QC00702	
2,4,6-Tribromophenol	72.07	1	50	90	48 - 117	MA	PB00551	QC00702	
Terphenyl-d14	68.10	1	50	85	48 - 132	MA	PB00551	QC00702	
TCLP Volatiles (mg/L)									
Vinyl Chloride	<0.05	1	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
1,1-Dichloroethene	<0.05	1	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
Methyl ethyl ketone	<0.5	1	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.01
Chloroform	<0.05	1	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
1,2-Dichloroethane (EDC)	<0.05	1	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
Benzene	<0.05	1	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
Carbon Tetrachloride	<0.05	1	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
Trichloroethene (TCE)	<0.05	1	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
Tetrachloroethene (PCE)	<0.05	1	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
Chlorobenzene	<0.05	1	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
1,4-Dichlorobenzene	<0.05	1	S 8260B	1/26/00	1/27/00	JG	PB00535	QC00685	0.001
Surrogate (mg/L)	Result	Dilution	Spike Amount	% Rec.	% Rec. Limit	Analyst	Prep Batch #	QC Batch #	
Dibromofluoroethane	46.5	1	50	93	80 - 120	JG	PB00535	QC00685	
Toluene-d8	48	1	50	96	80 - 120	JG	PB00535	QC00685	
4-Bromofluorobenzene	47	1	50	94	80 - 120	JG	PB00535	QC00685	



Sent By: TRACEANALYSIS;

7941298;

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N/A

TOTAL DRO (mg/Kg)

DRO

* 2010 1 Mod. 8013B 1/21/00 1:20/00 MF PB00350 QC00450 50

* DRO - Hydrocarbons > C18 present

TOTAL GRO (mg/Kg)

GRO

427 1 8013B 1/19/00 1:19/00 KC PB00341 QC00450 0.1



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N/AQuality Control Report
Method Blanks

Param	Flag	Blank Result	Reporting Limit	Date Analyzed	Prep Batch #	QC Batch #
TCLP Mercury (mg/L)		<0.010	0.01	1/20/00	PB00373	QC00490

Param	Flag	Blank Result	Reporting Limit	Date Analyzed	Prep Batch #	QC Batch #
TCLP Arsenic (mg/L)		<0.10	0.1	1/25/00	PB00534	QC00684
TCLP Barium (mg/L)		<0.10	0.1	1/25/00	PB00534	QC00684
TCLP Cadmium (mg/L)		<0.02	0.02	1/25/00	PB00534	QC00684
TCLP Chromium (mg/L)		<0.05	0.05	1/25/00	PB00534	QC00684
TCLP Lead (mg/L)		<0.10	0.1	1/25/00	PB00534	QC00684
TCLP Selenium (mg/L)		<0.10	0.1	1/25/00	PB00534	QC00684
TCLP Silver (mg/L)		<0.05	0.05	1/25/00	PB00534	QC00684

Param	Flag	Blank Result	Reporting Limit	Date Analyzed	Prep Batch #	QC Batch #
Pyridine (mg/L)		<0.05	0.25	1/31/00	PB00551	QC00702
1,4-Dichlorobenzene (mg/L)		<0.05	0.25	1/31/00	PB00551	QC00702
o-Cresol (mg/L)		<0.05	0.25	1/31/00	PB00551	QC00702
m,p-Cresol (mg/L)		<0.05	0.25	1/31/00	PB00551	QC00702
Hexachloroethane (mg/L)		<0.05	0.25	1/31/00	PB00551	QC00702
Nitrobenzene (mg/L)		<0.05	0.25	1/31/00	PB00551	QC00702
Hexachlorobutadiene (mg/L)		<0.05	0.25	1/31/00	PB00551	QC00702
2,4,6-Trichlorophenol (mg/L)		<0.05	0.25	1/31/00	PB00551	QC00702
2,4,5-Trichlorophenol (mg/L)		<0.05	0.25	1/31/00	PB00551	QC00702
2,4-Dinitrotoluene (mg/L)		<0.05	0.25	1/31/00	PB00551	QC00702
2,4-D (mg/L)		<0.05	0.25	1/31/00	PB00551	QC00702
Hexachlorobenzene (mg/L)		<0.05	0.25	1/31/00	PB00551	QC00702
2,4,5-TP (mg/L)		<0.05	0.25	1/31/00	PB00551	QC00702
Pentachlorophenol (mg/L)		<0.05	0.25	1/31/00	PB00551	QC00702

Param	Flag	Blank Result	Reporting Limit	Date Analyzed	Prep Batch #	QC Batch #
Vinyl Chloride (mg/L)		96	0.001	1/27/00	PB00535	QC00685
1,1-Dichloroethene (mg/L)		95	0.001	1/27/00	PB00535	QC00685
Methyl ethyl ketone (mg/L)		108	0.01	1/27/00	PB00535	QC00685
Chloroform (mg/L)		98	0.001	1/27/00	PB00535	QC00685
1,2-Dichloroethane (E.D.C.) (mg/L)		100	0.001	1/27/00	PB00535	QC00685
Benzene (mg/L)		97	0.001	1/27/00	PB00535	QC00685
Carbon Tetrachloride (mg/L)		103	0.001	1/27/00	PB00535	QC00685
Trichloroethene (TCE) (mg/L)		102	0.001	1/27/00	PB00535	QC00685
Tetrachloroethene (PCE) (mg/L)		101	0.001	1/27/00	PB00535	QC00685
Chlorobenzene (mg/L)		96	0.001	1/27/00	PB00535	QC00685
1,4-Dichlorobenzene (mg/L)		101	0.001	1/27/00	PB00535	QC00685



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N/A

Param	Flag	Blank Result	Reporting Limit	Date Analyzed	Prep Batch #	QC Batch #
DRO (mg/Kg)		<50	50	1/20/00	PB00350	QC00471
DKO (mg/Kg)		<50	50	1/21/00	PR00362	QC00475

Param	Flag	Blank Result	Reporting Limit	Date Analyzed	Prep Batch #	QC Batch #
GRO (mg/Kg)		<5	0.1	1/19/00	PB00341	QC00450



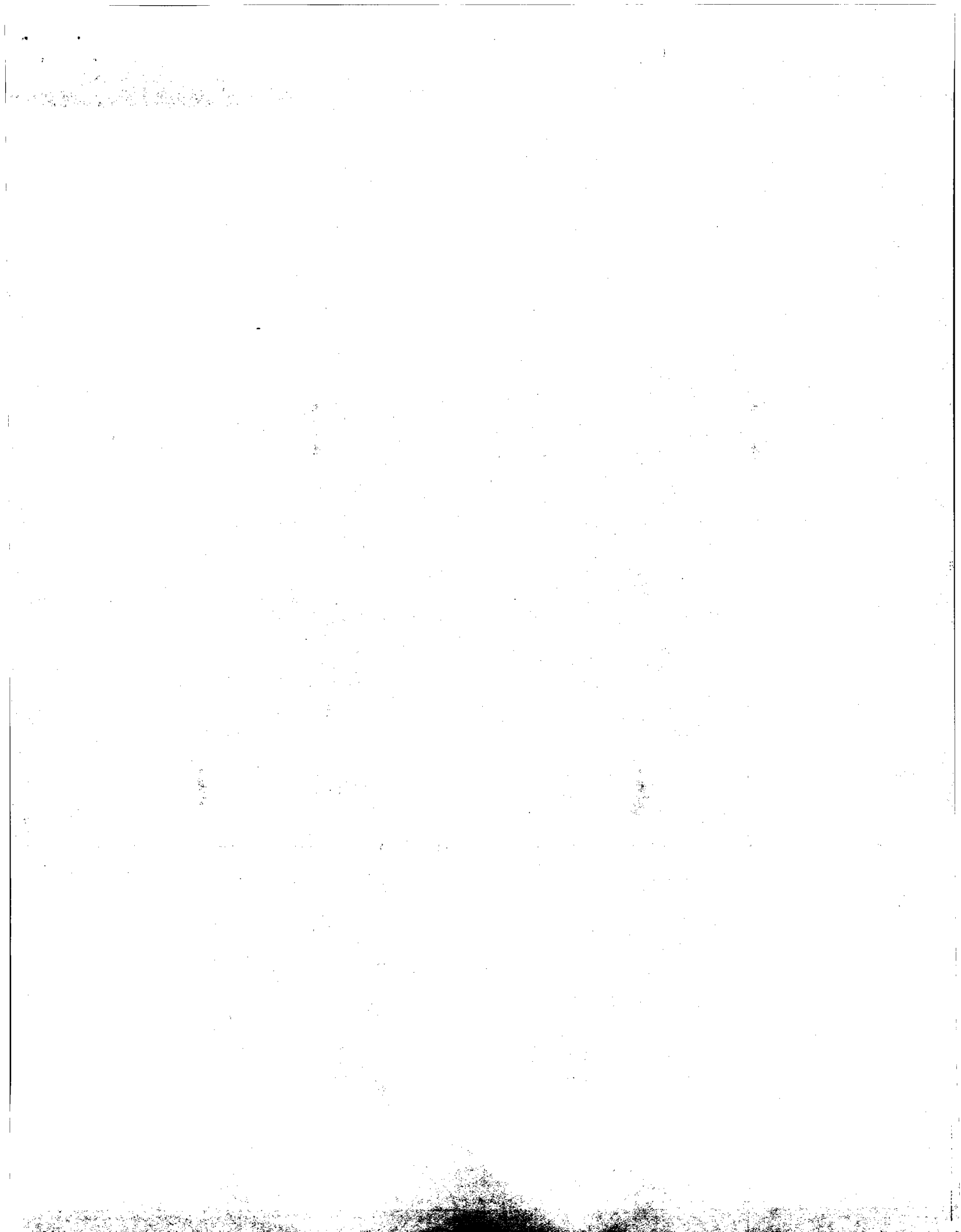
Report Date: 2/3/00
1415Order ID Number: A00011807
Drum Soil & Blast SandPage Number: 9 of 15
N/AQuality Control Report
Matrix Spike and Matrix Duplicate Spike

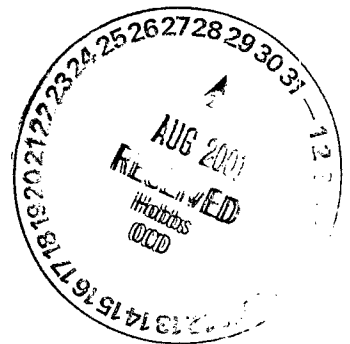
Standard	Param	Sample Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
MS	TCLP Mercury (mg/L)	<0.010	1	0.005	0.0419	838		80 - 120	0 - 20	QC00490
MSD	TCLP Mercury (mg/L)	<0.010	1	0.005	0.0444	888	6	80 - 120	0 - 20	QC00490

Standard	Param	Sample Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
MS	TCLP Arsenic (mg/L)	0.16	1	10	10.5	103		75 - 125	0 - 20	QC00684
MS	TCLP Barium (mg/L)	0.56	1	10	10.9	101		75 - 125	0 - 20	QC00684
MS	TCLP Cadmium (mg/L)	0.07	1	10	10.1	100		75 - 125	0 - 20	QC00684
MS	TCLP Chromium (mg/L)	0.09	1	10	9.9	98		75 - 125	0 - 20	QC00684
MS	TCLP Lead (mg/L)	0.14	1	10	10.3	102		75 - 125	0 - 20	QC00684
MS	TCLP Selenium (mg/L)	<0.10	1	10	10.3	102		75 - 125	0 - 20	QC00684
MS	TCLP Silver (mg/L)	<0.05	1	2	1.98	99		75 - 125	0 - 20	QC00684
MSD	TCLP Arsenic (mg/L)	0.16	1	10	10.7	105	2	75 - 125	0 - 20	QC00684
MSD	TCLP Barium (mg/L)	0.56	1	10	11.0	104	1	75 - 125	0 - 20	QC00684
MSD	TCLP Cadmium (mg/L)	0.07	1	10	10.3	102	2	75 - 125	0 - 20	QC00684
MSD	TCLP Chromium (mg/L)	0.09	1	10	10.2	101	3	75 - 125	0 - 20	QC00684
MSD	TCLP Lead (mg/L)	0.14	1	10	10.5	104	2	75 - 125	0 - 20	QC00684
MSD	TCLP Selenium (mg/L)	<0.10	1	10	10.7	106	4	75 - 125	0 - 20	QC00684
MSD	TCLP Silver (mg/L)	<0.05	1	2	2.06	103	4	75 - 125	0 - 20	QC00684

Standard	Param	Sample Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
MS	Vinyl Chloride (mg/L)	<0.05	1	100	98	98		80 - 120	0 - 20	QC00685
MS	1,1-Dichloroethene (mg/L)	<0.05	1	100	130	130		80 - 120	0 - 20	QC00685
MS	Methyl ethyl ketone (mg/L)	<0.5	1	100	143	143		80 - 120	0 - 20	QC00685
MS	Chloroform (mg/L)	<0.05	1	100	110	110		80 - 120	0 - 20	QC00685
MS	1,2-Dichloroethane (EDC) (mg/L)	<0.05	1	100	114	114		80 - 120	0 - 20	QC00685
MS	Benzene (mg/L)	<0.05	1	100	120	120		80 - 120	0 - 20	QC00685
MS	Carbon Tetrachloride (mg/L)	<0.05	1	100	120	120		80 - 120	0 - 20	QC00685
MS	Trichloroethene (TCE) (mg/L)	<0.05	1	100	108	108		80 - 120	0 - 20	QC00685
MS	Tetrachloroethene (PCE) (mg/L)	<0.05	1	100	110	110		80 - 120	0 - 20	QC00685
MS	Chlorobenzene (mg/L)	<0.05	1	100	98	98		80 - 120	0 - 20	QC00685
MS	1,4-Dichlorobenzene (mg/L)	<0.05	1	100	106	106		80 - 120	0 - 20	QC00685
Standard	Surrogate	Result	Dil.	Spike Amount	Analyst	% Rec.		% Rec. Limit	Prep Batch #	QC Batch #
MS	Dibromofluoromethane (mg/Kg)	47	1	50	JG	94		80 - 120	PH00535	QC00685
MS	Toluene-d8 (mg/Kg)	49	1	50	JG	98		80 - 120	PB00535	QC00685
MS	4-Bromofluorobenzene (mg/Kg)	50	1	50	JG	100		80 - 120	PB00535	QC00685







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Drum Soil & Blast Sand

N/A

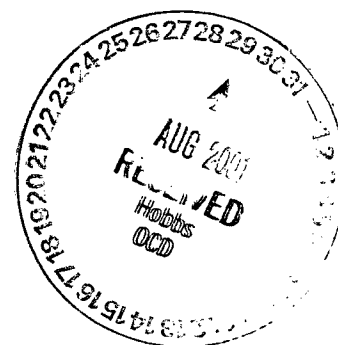
MSD	Vinyl Chloride (mg/L)	<0.05	1	100	96	96	2	80 - 120	0 - 20	QC00685
MSD	1,1-Dichloroethene (mg/L)	<0.05	1	100	134	134	3	80 - 120	0 - 20	QC00685
MSD	Methyl ethyl ketone (mg/L)	<0.5	1	100	117	117	20	80 - 120	0 - 20	QC00685
MSD	Chloroform (mg/L)	<0.05	1	100	113	113	3	80 - 120	0 - 20	QC00685
MSD	1,2-Dichloroethane (PCE) (mg/L)	<0.05	1	100	111	111	3	80 - 120	0 - 20	QC00685
MSD	Benzene (mg/L)	<0.05	1	100	119	119	1	80 - 120	0 - 20	QC00685
MSD	Carbon Tetrachloride (mg/L)	<0.05	1	100	122	122	2	80 - 120	0 - 20	QC00685
MSD	Trichloroethene (TCE) (mg/L)	<0.05	1	100	111	111	3	80 - 120	0 - 20	QC00685
MSD	Tetrachloroethene (PCE) (mg/L)	<0.05	1	100	113	113	3	80 - 120	0 - 20	QC00685
MSD	Chlorobenzene (mg/L)	<0.05	1	100	101	101	3	80 - 120	0 - 20	QC00685
MSD	1,4-Dichlorobenzene (mg/L)	<0.05	1	100	108	108	2	80 - 120	0 - 20	QC00685
Standard	Surrogate	Result	Dil.	Spike Amount	Analyst	Rec	%	% Rec	Prep	(X)
MSD	Dibromofluoromethane (mg/Kg)	47	1	50	JG	94		80 - 120	PB00535	QC00685
MSD	Toluene-d8 (mg/Kg)	48.5	1	50	JG	97		80 - 120	PB00535	QC00685
MSD	4-Bromofluorobenzene (mg/Kg)	49	1	50	JG	98		80 - 120	PB00535	QC00685

Quality Control Report Duplicates

Standard	Param	Flag	Duplicate Result	Sample Result	Dilution	RPD	RPD Limit	QC Batch #
Duplicate	Corrosivity		Non-Corrosive	Non-Corrosive	1	0	0 - 20	QC00504
Duplicate	pH (x.u.)		7.73	7.70	1	0	0 - 20	QC00504

Standard	Param	Flag	Duplicate Result	Sample Result	Dilution	RPD	RPD Limit	QC Batch #
Duplicate	Ignitability		Non-ignitable	non-ignitable	1	0	0 - 20	QC00507

Standard	Param	Flag	Duplicate Result	Sample Result	Dilution	RPD	RPD Limit	QC Batch #
Duplicate	Reactivity		Non-Reactive	Non-reactive	1	0	0 - 20	QC00502
Duplicate	Hydrogen Sulfide		<10	<10	1	0	0 - 20	QC00502
Duplicate	Hydrogen Cyanide		<2.5	<2.5	1	0	0 - 20	QC00502



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Drum Soil & Blast Sand

N/A

Quality Control Report
Lab Control Spikes and Duplicate Spike

Param	Blank Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
LCS TCLP Mercury (mg/L)	<0.010	1	0.005	0.0423	846		80 - 120	0 - 20	QC00490
LCSD TCLP Mercury (mg/L)	<0.010	1	0.005	0.0417	874	3	80 - 120	0 - 20	QC00490

Param	Blank Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
LCS TCLP Arsenic (mg/L)	<0.10	1	10	10.4	104		75 - 125	0 - 20	QC00684
LCS TCLP Barium (mg/L)	<0.10	1	10	10.6	106		75 - 125	0 - 20	QC00684
LCS TCLP Cadmium (mg/L)	<0.02	1	10	10.4	104		75 - 125	0 - 20	QC00684
LCS TCLP Chromium (mg/L)	<0.05	1	10	10.3	103		75 - 125	0 - 20	QC00684
LCS TCLP Lead (mg/L)	<0.10	1	10	10.8	108		75 - 125	0 - 20	QC00684
LCS TCLP Selenium (mg/L)	<0.10	1	10	10.7	107		75 - 125	0 - 20	QC00684
LCS TCLP Silver (mg/L)	<0.05	1	2	2.0	100		75 - 125	0 - 20	QC00684
LCSD TCLP Arsenic (mg/L)	<0.10	1	10	10.5	105	1	75 - 125	0 - 20	QC00684
LCSD TCLP Barium (mg/L)	<0.10	1	10	10.3	103	3	75 - 125	0 - 20	QC00684
LCSD TCLP Cadmium (mg/L)	<0.02	1	10	10.4	104	0	75 - 125	0 - 20	QC00684
LCSD TCLP Chromium (mg/L)	<0.05	1	10	10.3	103	0	75 - 125	0 - 20	QC00684
LCSD TCLP Lead (mg/L)	<0.10	1	10	10.5	105	5	75 - 125	0 - 20	QC00684
LCSD TCLP Selenium (mg/L)	<0.10	1	10	10.5	105	2	75 - 125	0 - 20	QC00684
LCSD TCLP Silver (mg/L)	<0.05	1	2	2.0	100	0	75 - 125	0 - 20	QC00684

Param	Blank Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
LCS Pyridine (mg/L)	<0.05	1	80	35.48	44		0 - 103	0 - 20	QC00702
LCS 1,4-Dichlorobenzene (mg/L)	<0.05	1	80	51.17	64		33 - 84	0 - 20	QC00702
LCS o-Cresol (mg/L)	<0.05	1	80	52.50	66		34 - 93	0 - 20	QC00702
LCS m,p-Cresol (mg/L)	<0.05	1	160	94.42	59		0 - 128	0 - 20	QC00702
LCS Hexachloroethane (mg/L)	<0.05	1	80	47.27	59		28 - 87	0 - 20	QC00702
LCS Nitrobenzene (mg/L)	<0.05	1	80	72.13	90		40 - 98	0 - 20	QC00702
LCS Hexachlorobutadiene (mg/L)	<0.05	1	80	51.64	65		30 - 91	0 - 20	QC00702
LCS 2,4,6-Trichlorophenol (mg/L)	<0.05	1	80	72.00	90		43 - 109	0 - 20	QC00702
LCS 2,4,5-Trichlorophenol (mg/L)	<0.05	1	80	70.75	88		47 - 106	0 - 20	QC00702
LCS 2,4-Dinitrotoluene (mg/L)	<0.05	1	80	77.18	96		52 - 101	0 - 20	QC00702
LCS 2,4-D (mg/L)	<0.05	1	80	55.84	70		0 - 139	0 - 20	QC00702
LCS Hexachlorobenzene (mg/L)	<0.05	1	80	82.41	103		43 - 117	0 - 20	QC00702
LCS 2,3,5-TP (mg/L)	<0.05	1	80	57.25	72		0 - 138	0 - 20	QC00702
LCS Pentachlorophenol (mg/L)	<0.05	1	80	53.55	67		27 - 107	0 - 20	QC00702

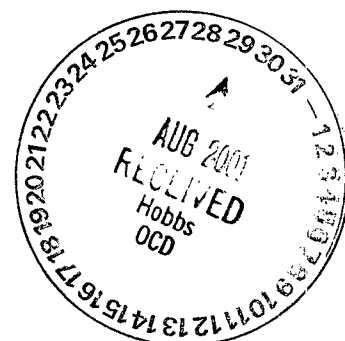


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Standard	Surrogate	Dil.	Spike Amount	Result	% Rec	% Rec. Limit	QC Batch #
LCS	2-Fluorophenol (mg/Kg)	1	80	39.20	49	16 - 65	QC00702
LCS	Phenol-d5 (mg/Kg)	1	80	23.48	29	8 - 48	QC00702
LCS	Nitrobenzene-d5 (mg/Kg)	1	80	62.07	78	28 - 118	QC00702
LCS	2-Fluorobiphenyl (mg/Kg)	1	80	66.18	83	40 - 106	QC00702
LCS	2,4,6-Tribromophenol (mg/Kg)	1	80	65.38	82	48 - 117	QC00702
LCS	Terphenyl-d14 (mg/Kg)	1	80	77.66	97	48 - 132	QC00702

Param	Blank Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec	RPD	% Rec. Limit	RPD Limit	QC Batch #
LCS Vinyl Chloride (mg/L)	96	1	100	97	97		80 - 120	0 - 20	QC00685
LCS 1,1-Dichloroethene (mg/L)	95	1	100	134	134		80 - 120	0 - 20	QC00685
LCS Methyl ethyl ketone (mg/L)	108	1	100	114	114		80 - 120	0 - 20	QC00685
LCS Chloroform (mg/L)	98	1	100	115	115		80 - 120	0 - 20	QC00685
LCS 1,2-Dichloroethane (EDC) (mg/L)	100	1	100	118	118		80 - 120	0 - 20	QC00685
LCS Benzene (mg/L)	97	1	100	118	118		80 - 120	0 - 20	QC00685
LCS Carbon Tetrachloride (mg/L)	103	1	100	122	122		80 - 120	0 - 20	QC00685
LCS Trichloroethene (TCE) (mg/L)	102	1	100	111	111		80 - 120	0 - 20	QC00685
LCS Tetrachloroethene (PCE) (mg/L)	101	1	100	111	111		80 - 120	0 - 20	QC00685
LCS Chlorobenzene (mg/L)	96	1	100	100	100		80 - 120	0 - 20	QC00685
LCS 1,4-Dichlorobenzene (mg/L)	101	1	100	109	109		80 - 120	0 - 20	QC00685
Standard	Surrogate	Dil.	Spike Amount	Result	% Rec		% Rec. Limit		QC Batch #
LCS	Dibromofluoromethane (mg/Kg)	1	50	48.5	97		80 - 120		QC00685
LCS	Toluene-d8 (mg/Kg)	1	50	49	98		80 - 120		QC00685
LCS	4-Bromofluorobenzene (mg/Kg)	1	50	49.5	99		80 - 120		QC00685
LCSD Vinyl Chloride (mg/L)	96	1	100	98	98	1	80 - 120	0 - 20	QC00685
LCSD 1,1-Dichloroethene (mg/L)	95	1	100	135	135	1	80 - 120	0 - 20	QC00685
LCSD Methyl ethyl ketone (mg/L)	108	1	100	122	122	7	80 - 120	0 - 20	QC00685
LCSD 1,2-Dichloroethane (EDC) (mg/L)	100	1	100	121	121	3	80 - 120	0 - 20	QC00685
LCSD Benzene (mg/L)	97	1	100	111	111	6	80 - 120	0 - 20	QC00685
LCSD Carbon Tetrachloride (mg/L)	103	1	100	121	121	1	80 - 120	0 - 20	QC00685
LCSD Trichloroethene (TCE) (mg/L)	102	1	100	109	109	2	80 - 120	0 - 20	QC00685
LCSD Tetrachloroethene (PCE) (mg/L)	101	1	100	110	110	1	80 - 120	0 - 20	QC00685
LCSD Chlorobenzene (mg/L)	96	1	100	101	101	1	80 - 120	0 - 20	QC00685
LCSD 1,4-Dichlorobenzene (mg/L)	101	1	100	108	108	1	80 - 120	0 - 20	QC00685
Standard	Surrogate	Dil.	Spike Amount	Result	% Rec		% Rec. Limit		QC Batch #
LCSD	Dibromofluoromethane (mg/Kg)	1	50	50	100		80 - 120		QC00685
LCSD	Toluene-d8 (mg/Kg)	1	50	49	98		80 - 120		QC00685
LCSD	4-Bromofluorobenzene (mg/Kg)	1	50	49.5	99		80 - 120		QC00685

Param	Blank Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec	RPD	% Rec. Limit	RPD Limit	QC Batch #
LCS DRO (mg/Kg)	<50	1	250	276	110		70 - 130	0 - 20	QC00471

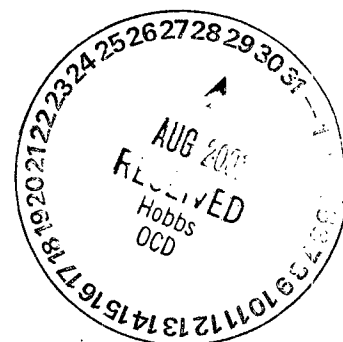


Report Date: 2/3/00
1415Order ID Number: A00011907
Drum Soil & Blast SandPage Number: 13 of 15
N/A

LCSD DRO (mg/Kg) <50 1 250 251 100 9 70 - 130 0 - 20 QC00471

Param	Blank Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
LCS DRO (mg/Kg)	<50	1	250	192	77		70 - 130	0 - 20	QC00473
LCSD DRO (mg/Kg)	<50	1	250	189	76	2	70 - 130	0 - 20	QC00475

Param	Blank Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
LCS GRO (mg/Kg)	<5	1	1	0.997	100		80 - 120	0 - 20	QC00430
LCSD GRO (mg/Kg)	<5	1	1	0.978	98	2	80 - 120	0 - 20	QC00430



Sent By: TRACEANALYSIS;

7941298;

4 Feb'0 9:32AM; Job 749; Page 14/15

Report Date: 2/3/00
1415Order ID Number: A00011907
Drum Soil & Blast SandPage Number: 14 of 15
N/A

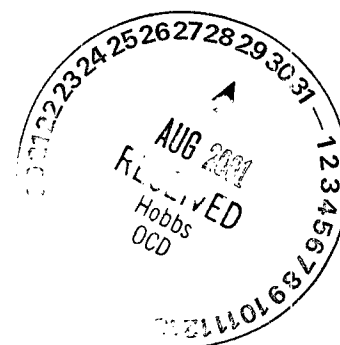
Quality Control Report

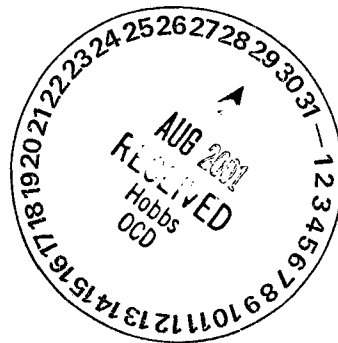
Continuing Calibration Verification Standard

Standard	Param	Flag	CCVs TRUE Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed	QC Batch #
CCV 1	TCLP Mercury (mg/L)		0.005	0.00516	103	80 - 120	1/20/00	QC00490

Standard	Param	Flag	CCVs TRUE Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed	QC Batch #
ICV	TCLP Arsenic (mg/L)		1	1.03	103	75 - 125	1/25/00	QC00684
ICV	TCLP Barium (mg/L)		1	1.04	104	75 - 125	1/25/00	QC00684
ICV	TCLP Cadmium (mg/L)		1	1.02	102	75 - 125	1/25/00	QC00684
ICV	TCLP Chromium (mg/L)		1	1.02	102	75 - 125	1/25/00	QC00684
ICV	TCLP Lead (mg/L)		1	1.03	103	75 - 125	1/25/00	QC00684
ICV	TCLP Selenium (mg/L)		1	1.01	101	75 - 125	1/25/00	QC00684
ICV	TCLP Silver (mg/L)		0.2	0.208	104	75 - 125	1/25/00	QC00684
CCV 1	TCLP Arsenic (mg/L)		1	1.04	104	75 - 125	1/25/00	QC00684
CCV 1	TCLP Barium (mg/L)		1	1.05	105	75 - 125	1/25/00	QC00684
CCV 1	TCLP Cadmium (mg/L)		1	1.01	101	75 - 125	1/25/00	QC00684
CCV 1	TCLP Chromium (mg/L)		1	1.03	103	75 - 125	1/25/00	QC00684
CCV 1	TCLP Lead (mg/L)		1	1.04	104	75 - 125	1/25/00	QC00684
CCV 1	TCLP Selenium (mg/L)		1	1.04	104	75 - 125	1/25/00	QC00684
CCV 1	TCLP Silver (mg/L)		0.2	0.204	102	75 - 125	1/25/00	QC00684

Standard	Param	Flag	CCVs TRUE Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed	QC Batch #
CCV 1	Pyridine (mg/L)		60	60.71	101	0 - 103	1/31/00	QC00702
CCV 1	1,4-Dichlorobenzene (mg/L)		60	58.77	98	33 - 84	1/31/00	QC00702
CCV 1	o-Cresol (mg/L)		60	58.32	97	34 - 93	1/31/00	QC00702
CCV 1	m,p-Cresol (mg/L)		60	57.76	96	0 - 128	1/31/00	QC00702
CCV 1	Hexachloroethane (mg/L)		60	56.21	94	28 - 87	1/31/00	QC00702
CCV 1	Nitrobenzene (mg/L)		60	59.01	98	40 - 98	1/31/00	QC00702
CCV 1	Hexachlorobutadiene (mg/L)		60	59.64	99	30 - 91	1/31/00	QC00702
CCV 1	2,4,6-Trichlorophenol (mg/L)		60	66.44	111	43 - 109	1/31/00	QC00702
CCV 1	2,4,5-Trichlorophenol (mg/L)		60	63.11	105	47 - 106	1/31/00	QC00702
CCV 1	2,4-Dinitrotoluene (mg/L)		60	62.94	105	52 - 101	1/31/00	QC00702
CCV 1	2,4-D (mg/L)		60	62.02	103	0 - 139	1/31/00	QC00702
CCV 1	Hexachlorobenzene (mg/L)		60	60.69	101	43 - 117	1/31/00	QC00702
CCV 1	2,4,5-TP (mg/L)		60	65.65	109	0 - 138	1/31/00	QC00702
CCV 1	Pentachlorophenol (mg/L)		60	56.44	94	27 - 107	1/31/00	QC00702
CCV 1	2-Fluorophenol (mg/L)		60	64.94	108	16 - 65	1/31/00	QC00702
CCV 1	Phenol-d5 (mg/L)		60	61.89	103	8 - 48	1/31/00	QC00702
CCV 1	Nitrobenzene-d5 (mg/L)		60	59.00	98	28 - 118	1/31/00	QC00702
CCV 1	2-Fluorobiphenyl (mg/L)		60	58.73	98	40 - 106	1/31/00	QC00702





District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1995

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 ☒	4. Generator Kelly's Pipe Service
2. Management Facility Destination Controlled Recovery, Inc.	5. Originating Site Odessa Facility
3. Address of Facility Operator P.O. Box 388, Hobbs	6. Transporter Unknown
7. Location of Material (Street Address or ULSTR) 2503 W. Berry St., Odessa	8. State New Mexico
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:

09-20-01

Soil and pipe scale generated by cleaning operations on pipe used in oil and gas operations.

Enclosed is certificate of waste status, analytical data, chain of custody, and process of knowledge letter

Estimated Volume appx. 50 yards cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 9-20-07
Waste Management Facility Authorized Agent

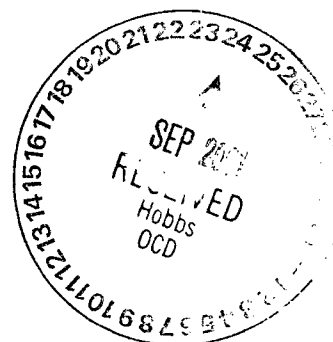
TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: [Signature] TITLE: Environmental Engineer DATE: 9-26-01

APPROVED BY: [Signature] TITLE: Business Chief DATE: 10/2/01

10-2-01
E-mailed



Amarillo
4104 West 33rd Street
Amarillo, Texas 79109
(806) 467-0607
Fax (806) 467-0622



Llano -Permian Environmental

Midland
1031 Andrews Highway, Suite 115
Midland, Texas 79701
(915) 522-2133
Fax (915) 522-2180

September 18, 2001

Controlled Recovery, Inc.
P.O. Box 388
Hobbs NM 88241

RE: Soil and pipe scale at Kelly's Pipe Service yard, located at 2503 W Berry St. Odessa TX 79766.

Kelly's Pipe Service
2503 W Berry St
Odessa TX 79766

Enclosed please find analytical data for soil and pipe scale from the above site. Please review the analysis and call me for scheduling the delivery of the material. The material was generated by pipe cleaning operations on pipe used in the oil and gas operations.

The material has been inspected for NORM and is below all regulations levels.

Sincerely,

A handwritten signature in black ink, appearing to read 'H. Villanueva', is written over the word 'Sincerely,'.

Henry Villanueva



**CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
*AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION***

COMPANY/GENERATOR Kelly's Pipe Service

ADDRESS 2503 W. Berry St. Odessa TX 79766

GENERATING SITE Same

COUNTY Ector STATE TX

TYPE OF WASTE Soil and Pipe Scale

ESTIMATED VOLUME 50 yards

GENERATING PROCESS Generated by pipe cleaning operations
on pipe used in oil and gas operations.

REMARKS _____

NMOCD FACILITY Controlled Recovery, Inc.

TRUCKING COMPANY Not Determined

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 2613.

AGENT [Signature]

SIGNATURE

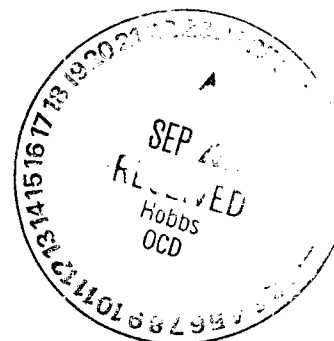
NAME Henry Villanueva

PRINTED

ADDRESS 1031 W. Andrews Hwy

St. 115 Midland TX 79701

DATE 9-18-01



ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

LLANO PERMIAN ENVIRONMENTAL
ATTN: MR. TERRY JONES
1031 ANDREWS HWY., STE. 115
MIDLAND, TEXAS 79701
FAX: 915-522-2180

Sample Type: Soil
Sample Condition: Intact/ Iced/ 23.5 deg. C
Project #: None Given
Project Name: Kelly Pipe. TNRCC Response
Project Location: Kelly Pipe, Odessa, Texas

Sampling Date: 10/03/00
Receiving Date: 10/03/00
Analysis Date: See Below

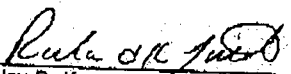
ELT#	Field Code	REACTIVITY H ₂ S mg/kg	CN- mg/kg	CORROSIVITY (s.u.)	IGNITABILITY deg F
31652	Pipe/Scale	<100	<50	7.40	>200

ANALYSIS DATE

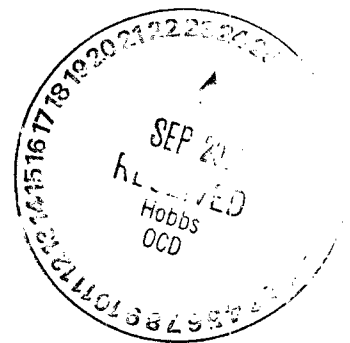
10/12/00 10/12/00 10/06/00

10/11/00

METHODS: EPA SW-846 1010M, 9040/ EPA 150.1


Celey D. Keene

10-30-00
Date



ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

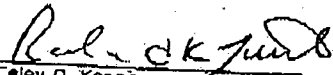
LLANO PERMIAN ENVIRONMENTAL
ATTN: MR. TERRY JAMES
1031 ANDREWS HWY., STE. 115
MIDLAND, TEXAS 79701
FAX: 915-522-2180

Sample Type: Soil
Sample Condition: Intact/ 23.5 deg. C
Project #: None Given
Project Name: Kelly Pipe TNRCC Response
Project Location: Kelly Pipe, Odessa, TX.

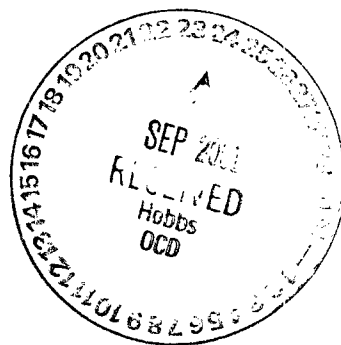
Sampling Date: 10/03/00
Receiving Date: 10/03/00
Analysis Date: 10/17-10/19/00

ELT#	Field Code	TCLP METALS (mg/L)							
		Ag	As	Ba	Cd	Cr	Hg	Pb	Se
31552	Pipe Scale	0.12	<0.002	<0.10	0.019	0.03	<0.002	0.79	<0.002
REPORT LIMIT		0.01	0.002	0.10	0.005	0.03	0.002	0.10	0.002
% IA		91	116	108	92	97	102	102	109
% EA		93	95	100	102	85	109	95	120

METHODS: EPA SW 846-1311, 3050, 7760, 07062, 7080, 7130, 7190, 7470, 7420, 7742


Celey D. Keene

10-30-00
Date



ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

LLANO-PERMIAN ENVIRONMENTAL
ATTN: MR. TERRY JAMES
1031 ANDREWS HWY., STE. 115
MIDLAND, TEXAS 79701
FAX: 915-522-2180

Sample Type: Soil
Sample Condition: Intact/ 23.5 deg. C
Project #: None Given
Project Name: Kelly Pipe TNRCC Response
Project Location: Kelly Pipe, Odessa, Tx.

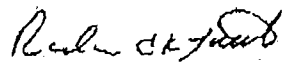
Sampling Date: 10/03/00
Receiving Date: 10/03/00
Analysis Date: 10/23/00
ELT# 31652

TCLP EPA SW846 8260B Compounds	REPORT LIMIT	Pipe Scale mg/L	%EA	%DEV
Benzene	0.001	ND	104	14.7
Carbon tetrachloride	0.001	ND		-2.7
Chlorobenzene	0.001	ND		-2.1
Chloroform	0.001	ND	107	6.4
1,4-Dichlorobenzene	0.001	ND		6.0
1,2-Dichloroethane	0.001	ND		16.4
1,1-Dichloroethylene	0.001	ND		7.9
Methyl ethyl ketone	0.010	ND		34.2#
Tetrachloroethylene	0.001	ND		-8.3
Trichloroethylene	0.001	ND		9.6
Vinyl chloride	0.001	ND		5.7

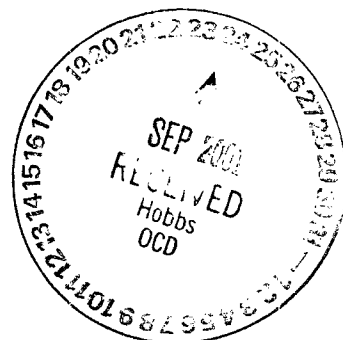
System Monitoring Compounds	% RECOVERY
Dibromofluoromethane	85
1,2-dichloroethane-d4	70
Toluene-d8	81
4-Bromofluorobenzene	77

ND= NOT DETECTED

Method: EPA SW 846 8260B, 1311


Randal K. Tuttle

10-24-00
Date



ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

LLANO PERMIAN ENVIRONMENTAL
ATTN: MR. TERRY JAMES
1031 ANDREWS HWY., STE. 115
MIDLAND, TEXAS 79701
FAX: 915-522-2180

Sample Type: Soil
Sample Condition: Intact/ 23.5 deg. C
Project #: None Given
Project Name: Kelly Pipe, TNRCC Response
Project Location: Kelly Pipe, Odessa, TX

Sampling Date: 10/03/00
Receiving Date: 10/03/00
Analysis Date: 10/18/00
Field Code: Pipe Scale

TCLP SEMIVOLATILE ORGANICS (mg/L)	REG. LIMIT	REPORT LIMIT	ELT# 31652	%DEV	%EA
2-Methylphenol	200	0.005	ND	-0.2	
4-Methylphenol	200	0.005	ND	-18.5	
1,4-Dichlorobenzene	7.5	0.005	ND	4.3	18
2, 4-Dinitrotoluene	0.13	0.005	ND	-22.5	
Hexachlorobenzene	0.13	0.005	ND	40.1	
Hexachlor-1, 3-butadien	0.5	0.005	ND	24.6	
Hexachloroethane	3.0	0.005	ND	-30.5	
Nitrobenzene	2.0	0.005	ND	7.2	
Pentachlorophenol	100	0.005	ND	-51.6	9
Pyridine	5.0	0.005	ND	-36.4	
2,4,5-Trichlorophenol	400	0.005	ND	23.5#	
2,4,6-Trichlorophenol	2.0	0.005	ND	14.5	

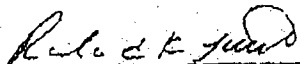
ND= NOT DETECTED, < REPORTING LIMIT
SYSTEM MONITORING COMPOUNDS

2-Fluorophenol
Phenol-d5
Nitrobenzene-d5
2-Fluorobiphenyl
2,4,6-Tribromophenol
Terphenyl-d14

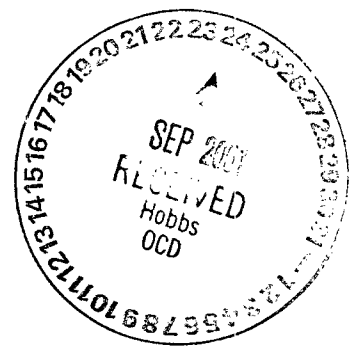
% Recovery

59
61
39
79
37
94

Method: SW 846-8270,1311


Celey C. Keene

10-30-00
Date



ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

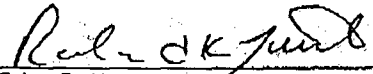
LLANO PERMIAN ENVIRONMENTAL
ATTN: MR. TERRY JAMES
1031 ANDREWS HWY., STE. 115
MIDLAND, TEXAS 79701
FAX: 915-522-2180

Sample Type: Soil
Sample Condition: Intact/ 23.5 deg. C
Project #: None Given
Project Name: Kelly Pipe TNRCC Response
Project Location: Kelly Pipe, Odessa, TX.

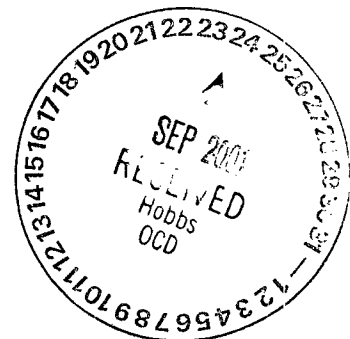
Sampling Date: 10/03/00
Receiving Date: 10/03/00
Analysis Date: 10/17-10/19/00

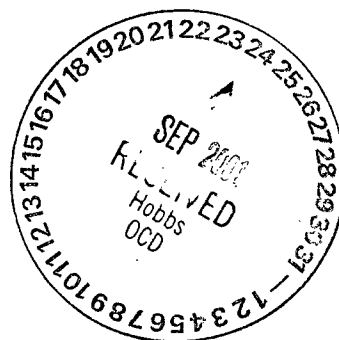
TCLP METALS (mg/L)									
ELT#	Field Code	Ag	As	Ba	Cd	Cr	Hg	Pb	Se
31652	Pipe Scale	0.12	<0.002	<0.10	0.019	0.03	<0.002	0.79	<0.002
REPORT LIMIT		0.01	0.002	0.10	0.005	0.03	0.002	0.10	0.002
% IA		91	116	108	92	97	102	102	109
% EA		93	95	100	102	85	109	95	120

METHODS: EPA SW 846-1311, 3050, 7760, 07062, 7080, 7130, 7190, 7470, 7420, 7742


Caley D. Keene

10-30-00
Date





District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1995

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator Quail Tools, Inc.
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site Odessa Facility
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter Malco Trucking
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 400 Alabama, Odessa	Texas
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:

09-27-01

Pipe scale generated from the flaking off of the pipe during the rattling process.

Enclosed is certificate of waste status, analytical data, chain of custody, and process of knowledge letter.

RECEIVED

OCT 11 2001

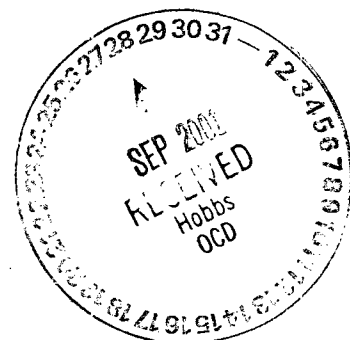
Environmental Bureau
Oil Conservation Division

Estimated Volume 50 cu. yds. yearly cy Known Volume (to be entered by the operator at the end of the haul) cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 9-27-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)
APPROVED BY: [Signature] TITLE: Environmental Engineer DATE: 10-2-01
APPROVED BY: [Signature] TITLE: Bureau Chief DATE: 10/12/01



CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"

COMPANY / GENERATOR Quail Tools Inc.
ADDRESS 400 Alabama, Odessa, TX 79762
GENERATING SITE Same as above

COUNTY Ector STATE TX

TYPE OF WASTE Pipe Scale

ESTIMATED VOLUME 50 cu/yds/year

GENERATING PROCESS pipe scale is flaked off the
pipe during the rattring process

REMARKS NORM Readings 4-5 um/hoc

NMOCD FACILITY CRT

TRUCKING COMPANY Malco

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 2613.

AGENT [Signature]

SIGNATURE

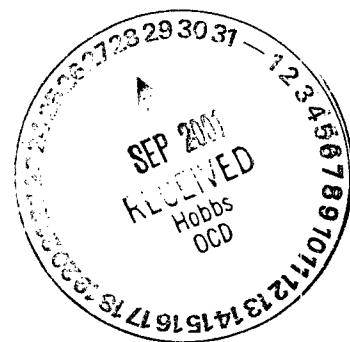
NAME Larry James

PRINTED

ADDRESS 1031 Andrews Hwy, Ste 115

Odessa, TX 79761

DATE 9/28/01



Amarillo:
4104 West 33rd Street
Amarillo, Texas 79109
(806) 467-0607
Fax (806) 467-0622



Llano-Permian Environmental

Midland:
1031 Andrews Highway, Suite 115
Midland, Texas 79701
(915) 522-2133
Fax (915) 522-2180

September 25, 2001

Controlled Recovery, Inc.
PO Box 388
Hobbs, NM 88241

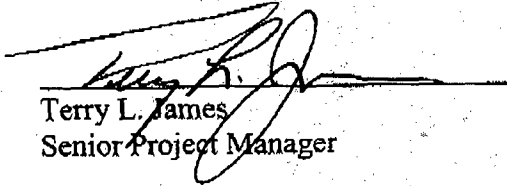
RE: Pipe scale at Quail Tool, Inc., 400 Alabama, Odessa, Texas, 79762.

Llano-Permian Environmental, 1031 Andrews Highway, Midland, 79761.

Enclosed please find analytical data pipe scale from the above site (Quail Tools, Inc.). Please review the analysis and call me for scheduling the delivery of the material. The material was generated by pipe cleaning operations on pipe used in oil and gas operations.

The material has been inspected for NORM and was below all regulatory levels.

Sincerely,


Terry L. James
Senior Project Manager



TraceAnalysis, Inc.

6701 Aberdeen Ave., Suite 9

Lubbock, TX 79424-1515

(806) 794-1296

Report Date: September 18, 2001 Order Number: A01082213
 QUT.001.GCI Pipe Scale Sample

Page Number: 1 of 2
 Odessa, Tx.

Summary Report

Terry James
 Llano Permian Environmental
 1031 Andrews Hwy, Ste. 115
 Midland, TX 79701

Report Date: September 18, 2001

Order ID Number: A01082213

Project Number: QUT.001.GCI
 Project Name: Pipe Scale Sample
 Project Location: Odessa, Tx.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
177669	Qut.001. Pipe Scale	Solid	8/21/01	15:00	8/22/01

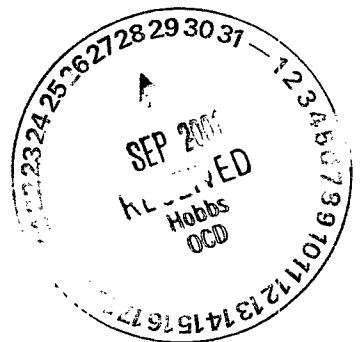
This report consists of a total of 2 page(s) and is intended only as a summary of results for the sample(s) listed above.

Sample - Field Code	TPH	
	TRPHC (ppm)	TRPHC (ppm)
177669 - Qut.001. Pipe Scale	9660	9660

Sample: 177669 - Qut.001. Pipe Scale

Param	Flag	Result	Units
Corrosivity			
Corrosivity (EPA limit = >6.5 mm/yr)		non	mm/yr
pH (EPA limit = <2 >12.5)		6.6	s.u.
Ignitability		non-ignitable	
Reactivity			
Reactivity		Non-reactive	
Hydrogen Sulfide (EPA limit = 500)		<10	mg/Kg
Hydrogen Cyanide (EPA limit = 250)		<2.5	mg/Kg
TCLP Mercury (EPA limit = 0.20)		<0.010	mg/L
TCLP Metals			
TCLP Arsenic (EPA limit = 5.0)		<1	mg/L
TCLP Barium (EPA limit = 100.0)		1.22	mg/L
TCLP Cadmium (EPA limit = 1.0)		<0.5	mg/L
TCLP Chromium (EPA limit = 5.0)		<0.1	mg/L
TCLP Lead (EPA limit = 5.0)		<0.5	mg/L
TCLP Selenium (EPA limit = 1.0)		<1	mg/L
TCLP Silver (EPA limit = 5.0)		<0.1	mg/L
TCLP Semivolatiles			
Pyridine (EPA limit = 5.0)		<0.05	mg/L
1,4-Dichlorobenzene (EPA limit = 7.5)		<0.05	mg/L

Continued on next page ...



TraceAnalysis, Inc.

6701 Aberdeen Ave., Suite 9

Lubbock, TX 79424-1515

(806) 794-1296

Report Date: September 18, 2001 Order Number: A01082213

Page Number: 2 of 2

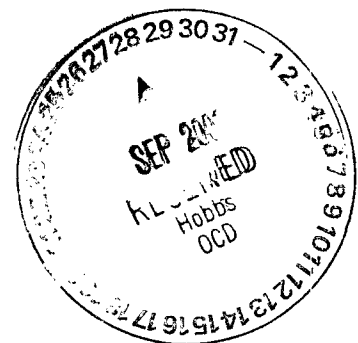
QUT.001.GCI

Pipe Scale Sample

Odessa, Tx.

Sample 177609 continued ...

Param	Flag	Result	Units
o-Cresol (EPA limit = 200.0)		<0.05	mg/L
m,p-Cresol (EPA limit = 200.0)		<0.05	mg/L
Hexachloroethane (EPA limit = 3.0)		<0.05	mg/L
Nitrobenzene (EPA limit = 2.0)		<0.05	mg/L
Hexachlorobutadiene (EPA limit = 0.5)		<0.05	mg/L
2,4,6-Trichlorophenol (EPA limit = 2.0)		<0.05	mg/L
2,4,5-Trichlorophenol (EPA limit = 400.0)		<0.05	mg/L
2,4-Dinitrotoluene (EPA limit = 0.13)		<0.05	mg/L
2,4-D (EPA limit = 10.0)		<0.05	mg/L
Hexachlorobenzene (EPA limit = 0.13)		<0.05	mg/L
2,4,5-TP (EPA limit = 1.0)		<0.05	mg/L
Pentachlorophenol (EPA limit = 100.0)		<0.05	mg/L
TCLP Volatiles			
Vinyl Chloride (EPA limit = 0.20)		<0.05	mg/L
1,1-Dichloroethene (EPA limit = 0.70)		<0.05	mg/L
Methyl ethyl ketone (EPA limit = 200.0)		<0.50	mg/L
Chloroform (EPA limit = 6.00)		<0.05	mg/L
1,2-Dichloroethane (EDC) (EPA limit = 0.50)		<0.05	mg/L
Benzene (EPA limit = 0.50)		<0.05	mg/L
Carbon Tetrachloride (EPA limit = 0.50)		<0.05	mg/L
Trichloroethene (TCE) (EPA limit = 0.50)		<0.05	mg/L
Tetrachloroethene (PCE) (EPA limit = 0.70)		<0.05	mg/L
Chlorobenzene (EPA limit = 100.00)		<0.05	mg/L
1,4-Dichlorobenzene (EPA limit = 7.50)		<0.05	mg/L





TRACE ANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9
155 McCutcheon, Suite H

Lubbock, Texas 79424
El Paso, Texas 79932

800•378•1296
888•588•3443

806•794•1296
915•595•3443

FAX 806•794•1298
FAX 915•585•4944

E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Terry James
Llano Permian Environmental
1031 Andrews Hwy, Ste. 115
Midland, TX 79701

Report Date: September 18, 2001

Order ID Number: A01082213

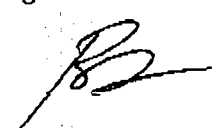
Project Number: QUT.001.GCI
Project Name: Pipe Scale Sample
Project Location: Odessa, Tx.

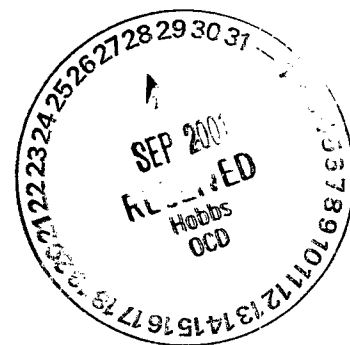
Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to Trace Analysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
177669	Qut.001. Pipe Scale	Solid	8/21/01	15:00	8/22/01

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 11 pages and shall not be reproduced except in its entirety including the chain of custody (COC), without written approval of TraceAnalysis, Inc.


Dr. Blair Leftwich, Director



Report Date: September 18, 2001
QUT.001.GCI

Order Number: A01082213
Pipe Scale Sample

Page Number: 2 of 11
Odessa, Tx.

Analytical Report

Sample: 177669 - Qut.001. Pipe Scale

Analysis: Corrosivity Analytical Method: S 1110 QC Batch: QC13980 Date Analyzed: 9/6/01
Analyst: RS Preparation Method: N/A Prep Batch: PB11931 Date Prepared: 9/6/01

Param	Flag	Result	Units	Dilution	RDL
Corrosivity		non	mm/yr	1	
pH		6.6	s.u.	1	

Sample: 177669 - Qut.001. Pipe Scale

Analysis: Ignitability Analytical Method: SW-846 Ch. 7.1 QC Batch: QC13981 Date Analyzed: 9/6/01
Analyst: RS Preparation Method: Prep Batch: PB11932 Date Prepared: 9/6/01

Param	Flag	Result	Units	Dilution	RDL
Ignitability		non-ignitable		1	

Sample: 177669 - Qut.001. Pipe Scale

Analysis: Reactivity Analytical Method: ASTM D 5049-90/4978-95 QC Batch: QC13982 Date Analyzed: 9/6/01
Analyst: RS Preparation Method: N/A Prep Batch: PB11933 Date Prepared: 9/6/01

Param	Flag	Result	Units	Dilution	RDL
Reactivity		Non-reactive		1	
Hydrogen Sulfide		<10	mg/Kg	1	
Hydrogen Cyanide		<2.5	mg/Kg	1	

Sample: 177669 - Qut.001. Pipe Scale

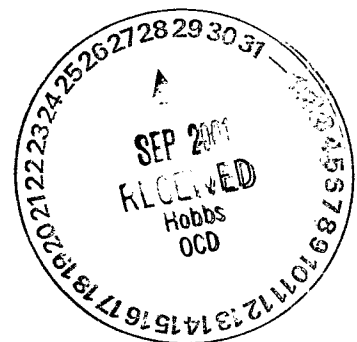
Analysis: TCLP Hg Analytical Method: S 7470A QC Batch: QC13616 Date Analyzed: 8/27/01
Analyst: BC Preparation Method: E 1311 Prep Batch: PB11614 Date Prepared: 8/23/01

Param	Flag	Result	Units	Dilution	RDL
TCLP Mercury		<0.010	mg/L	1	0.01

Sample: 177669 - Qut.001. Pipe Scale

Analysis: TCLP Metals Analytical Method: S 6010B QC Batch: QC13776 Date Analyzed: 9/4/01
Analyst: RR Preparation Method: 1311 Prep Batch: PB11695 Date Prepared: 8/29/01

Param	Flag	Result	Units	Dilution	RDL
TCLP Arsenic		<1	mg/L	1	1
TCLP Barium		1.22	mg/L	1	1
TCLP Cadmium		<0.5	mg/L	1	0.50
TCLP Chromium		<0.1	mg/L	1	0.10
TCLP Lead		<0.5	mg/L	1	0.50
TCLP Selenium		<1	mg/L	1	1
TCLP Silver		<0.1	mg/L	1	0.10



Report Date: September 18, 2001
QUT.001.GCI

Order Number: A01082213
Pipe Scale Sample

Page Number: 3 of 11
Odessa, Tx

Sample: 177669 - Qut.001. Pipe Scale

Analysis: TCLP Semivolatiles Analytical Method: E 8270C QC Batch: QC13763 Date Analyzed: 8/30/01
Analyst: RC Preparation Method: 1311 Prep Batch: PB11744 Date Prepared: 8/23/01

Param	Flag	Result	Units	Dilution	RDL
Pyridine		<0.05	mg/L	1	0.05
1,4-Dichlorobenzene		<0.05	mg/L	1	0.05
o-Cresol		<0.05	mg/L	1	0.05
m,p-Cresol		<0.05	mg/L	1	0.05
Hexachloroethane		<0.05	mg/L	1	0.05
Nitrobenzene		<0.05	mg/L	1	0.05
Hexachlorobutadiene		<0.05	mg/L	1	0.05
2,4,6-Trichlorophenol		<0.05	mg/L	1	0.05
2,4,5-Trichlorophenol		<0.05	mg/L	1	0.05
2,4-Dinitrotoluene		<0.05	mg/L	1	0.05
2,4-D		<0.05	mg/L	1	0.05
Hexachlorobenzene		<0.05	mg/L	1	0.05
2,4,5-TP		<0.05	mg/L	1	0.05
Pentachlorophenol		<0.05	mg/L	1	0.05

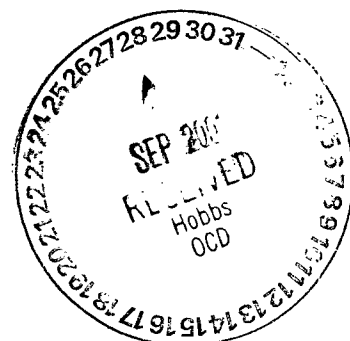
Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
2-Fluorophenol		17.76	mg/L	1	80	22	21 - 100
Phenol-d5		11.39	mg/L	1	80	14	10 - 94
Nitrobenzene-d5		39.98	mg/L	1	80	49	35 - 114
2-Fluorobiphenyl		41.94	mg/L	1	80	52	43 - 116
2,4,6-Tribromophenol		52.75	mg/L	1	80	65	10 - 123
Terphenyl-d14		60.59	mg/L	1	80	75	33 - 141

Sample: 177669 - Qut.001. Pipe Scale

Analysis: TCLP Volatiles Analytical Method: S 8260B QC Batch: QC13760 Date Analyzed: 9/2/01
Analyst: JG Preparation Method: 1311 Prep Batch: PB11741 Date Prepared: 8/24/01

Param	Flag	Result	Units	Dilution	RDL
Vinyl Chloride		<0.05	mg/L	50	0.001
1,1-Dichloroethene		<0.05	mg/L	50	0.001
Methyl ethyl ketone		<0.50	mg/L	50	0.01
Chloroform		<0.05	mg/L	50	0.001
1,2-Dichloroethane (EDC)		<0.05	mg/L	50	0.001
Benzene		<0.05	mg/L	50	0.001
Carbon Tetrachloride		<0.05	mg/L	50	0.001
Trichloroethene (TCE)		<0.05	mg/L	50	0.001
Tetrachloroethene (PCE)		<0.05	mg/L	50	0.001
Chlorobenzene		<0.05	mg/L	50	0.001
1,4-Dichlorobenzene		<0.05	mg/L	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		51	mg/L	1	50	102	87 - 117
Toluene-d8		47	mg/L	1	50	94	92 - 112
4-Bromofluorobenzene		45	mg/L	1	50	90	85 - 113



Report Date: September 18, 2001

Order Number: A01082213

Page Number: 4 of 11

QUT.001.GCI

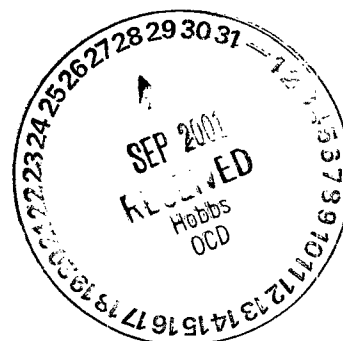
Pipe Scale Sample

Odessa, Tx

Sample: 177669 - Qut.001. Pipe Scale

Analysis:	TPH	Analytical Method:	E 418.1	QC Batch:	QC13753	Date Analyzed:	9/1/01
Analyst:	JJ	Preparation Method:	E 3550B	Prep Batch:	PB11735	Date Prepared:	8/27/01

Param	Flag	Result	Units	Dilution	RDL
TRPHC		9660	mg/Kg	1	10



Report Date: September 18, 2001
QUT.001.GCIOrder Number: A01082213
Pipe Scale SamplePage Number: 5 of 11
Odessa, Tx.Quality Control Report
Method Blank

Method Blank

QCBatch: QC13616

Param	Flag	Results	Units	Reporting Limit
TCLP Mercury		<0.010	mg/L	0.01

Method Blank

QCBatch: QC13760

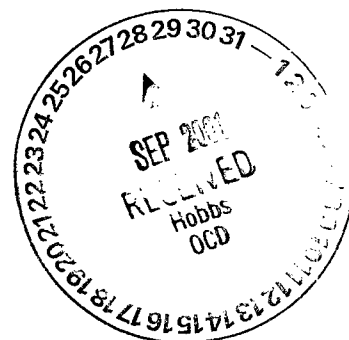
Param	Flag	Results	Units	Reporting Limit
Vinyl Chloride		<0.05	mg/L	0.001
1,1-Dichloroethene		<0.05	mg/L	0.001
Methyl ethyl ketone		<0.50	mg/L	0.01
Chloroform		<0.05	mg/L	0.001
1,2-Dichloroethane (EDC)		<0.05	mg/L	0.001
Benzene		<0.05	mg/L	0.001
Carbon Tetrachloride		<0.05	mg/L	0.001
Trichloroethene (TCE)		<0.05	mg/L	0.001
Tetrachloroethene (PCE)		<0.05	mg/L	0.001
Chlorobenzene		<0.05	mg/L	0.001
1,4-Dichlorobenzene		<0.05	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		51.5	mg/L	1	50	103	87 - 117
Toluene-d8		46.5	mg/L	1	50	93	92 - 112
4-Bromofluorobenzene		43.5	mg/L	1	50	87	85 - 113

Method Blank

QCBatch: QC13763

Param	Flag	Results	Units	Reporting Limit
Pyridine		<0.05	mg/L	0.05
1,4-Dichlorobenzene		<0.05	mg/L	0.05
o-Cresol		<0.05	mg/L	0.05
m,p-Cresol		<0.05	mg/L	0.05
Hexachloroethane		<0.05	mg/L	0.05
Nitrobenzene		<0.05	mg/L	0.05
Hexachlorobutadiene		<0.05	mg/L	0.05
2,4,6-Trichlorophenol		<0.05	mg/L	0.05
2,4,5-Trichlorophenol		<0.05	mg/L	0.05
2,4-Dinitrotoluene		<0.05	mg/L	0.05
2,4-D		<0.05	mg/L	0.05
Hexachlorobenzene		<0.05	mg/L	0.05
2,4,5-TP		<0.05	mg/L	0.05
Pentachlorophenol		<0.05	mg/L	0.05



Report Date: September 18, 2001
QUT.001.GCIOrder Number: A01082213
Pipe Scale SamplePage Number: 6 of 11
Odessa, Tx.

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
2-Fluorophenol		22.67	mg/L	1	80	28	21 - 100
Phenol-d5		15.24	mg/L	1	80	19	10 - 94
Nitrobenzene-d5		50.75	mg/L	1	80	63	35 - 114
2-Fluorobiphenyl		52.03	mg/L	1	80	65	43 - 116
2,4,6-Tribromophenol		49.68	mg/L	1	80	62	10 - 123
Terphenyl-d14		57.35	mg/L	1	80	71	33 - 141

Quality Control Report Lab Control Spikes and Duplicate Spikes

Laboratory Control Spikes

QCBatch: QC13616

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
TCLP Mercury	0.0575	0.0558	mg/L	1	0.05	<0.010	115	3	80 - 119	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spikes

QCBatch: QC13760

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Vinyl Chloride	6.38	6.09	mg/L	1	5	<0.05	127	4	56 - 154	20
1,1-Dichloroethene	6.24	6.07	mg/L	1	5	<0.05	124	2	71 - 167	20
Methyl ethyl ketone	4.94	4.66	mg/L	1	5	<0.50	98	5	55 - 160	20
Chloroform	5.52	5.36	mg/L	1	5	<0.05	110	2	76 - 129	20
1,2-Dichloroethane (EDC)	4.96	4.96	mg/L	1	5	<0.05	99	0	63 - 133	20
Benzene	5.15	4.99	mg/L	1	5	<0.05	103	3	78 - 125	20
Carbon Tetrachloride	6.76	6.65	mg/L	1	5	<0.05	135	1	72 - 157	20
Trichloroethene (TCE)	4.70	4.61	mg/L	1	5	<0.05	94	1	76 - 128	20
Tetrachloroethene (PCE)	5.19	5.12	mg/L	1	5	<0.05	103	1	73 - 131	20
Chlorobenzene	5.43	5.30	mg/L	1	5	<0.05	108	2	84 - 124	20
1,4-Dichlorobenzene	5.53	5.39	mg/L	1	5	<0.05	110	2	85 - 116	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

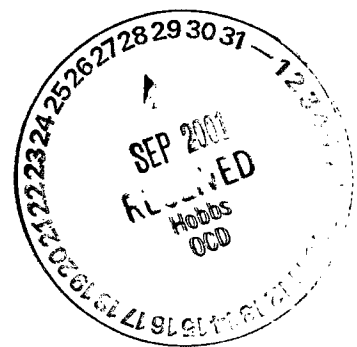
Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
Dibromofluoromethane	52	52	mg/L	1	50	104	104	87 - 117
Toluene-d8	47.5	48	mg/L	1	50	95	96	92 - 112
4-Bromofluorobenzene	45	44	mg/L	1	50	90	88	85 - 113

Laboratory Control Spikes

QCBatch: QC13763

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Pyridine	18.63	19.16	mg/L	1	80	<0.05	23	2	0 - 92	20
1,4-Dichlorobenzene	38.96	37.2	mg/L	1	80	<0.05	48	4	20 - 124	20

Continued ...



Report Date: September 18, 2001
QUT.001.GCIOrder Number: A01082213
Pipe Scale SamplePage Number: 7 of 11
Odessa, Tx

... Continued

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
o-Cresol	29.77	24.04	mg/L	1	80	<0.05	37	21	41 - 92	20
m,p-Cresol	62.09	50.28	mg/L	1	160	<0.05	38	21	7 - 127	20
Hexachloroethane	38.66	35.63	mg/L	1	80	<0.05	48	8	40 - 113	20
Nitrobenzene	41.71	37.89	mg/L	1	80	<0.05	52	9	35 - 186	20
Hexachlorobutadiene	38.20	35.66	mg/L	1	80	<0.05	47	6	24 - 116	20
2,4,6-Trichlorophenol	51.52	44.88	mg/L	1	80	<0.05	64	13	37 - 144	20
2,4,5-Trichlorophenol	54.18	46.6	mg/L	1	80	<0.05	67	15	49 - 185	20
2,4-Dinitrotoluene	52.21	47.47	mg/L	1	80	<0.05	65	9	39 - 139	20
2,4-D	19.56	17.25	mg/L	1	80	<0.05	24	12	2 - 92	20
Hexachlorobenzene	50.22	50.68	mg/L	1	80	<0.05	62	0	0 - 152	20
2,4,5-TP	22.01	19.21	mg/L	1	80	<0.05	27	13	0 - 112	20
Pentachlorophenol	71.67	64.93	mg/L	1	80	<0.05	89	9	14 - 176	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
2-Fluorophenol	18.76	15.92	mg/L	1	80	23	19	21 - 100
Phenol-d5	12.79	10.51	mg/L	1	80	15	13	10 - 94
Nitrobenzene-d5	44.67	40.03	mg/L	1	80	55	50	35 - 114
2-Fluorobiphenyl	46.58	43.27	mg/L	1	80	58	54	43 - 116
2,4,6-Tribromophenol	48.32	44.39	mg/L	1	80	60	55	10 - 123
Terphenyl-d14	52.92	59.58	mg/L	1	80	66	74	33 - 141

Quality Control Report Matrix Spikes and Duplicate Spikes

Matrix Spikes

QCBatch: QC13616

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
TCLP Mercury	0.0537	0.0543	mg/L	1	0.05	<0.010	107	1	83 - 125	20

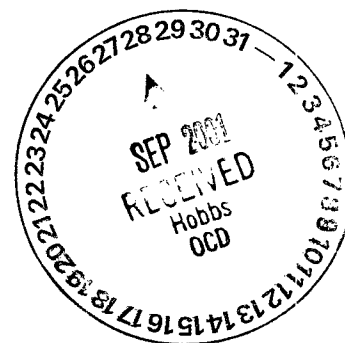
Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spikes

QCBatch: QC13760

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Vinyl Chloride	5.74	5.80	mg/L	1	5		114	1	38 - 127	20
Vinyl Chloride	5.74	5.80	mg/L	1	5	<0.05	114	1	38 - 127	20
1,1-Dichloroethene	5.83	5.83	mg/L	1	5		116	0	63 - 165	20
1,1-Dichloroethene	5.83	5.83	mg/L	1	5	<0.05	116	0	63 - 165	20
Methyl ethyl ketone	4.60	4.67	mg/L	1	5		92	1	38 - 158	20
Methyl ethyl ketone	4.60	4.67	mg/L	1	5	<0.50	92	1	38 - 158	20
Chloroform	5.37	5.36	mg/L	1	5		107	0	74 - 133	20
Chloroform	5.37	5.36	mg/L	1	5	<0.05	107	0	74 - 133	20
1,2-Dichloroethane (EDC)	5.37	5.45	mg/L	1	5		107	1	80 - 127	20

Continued ...



Report Date: September 18, 2001
QUT.001.GCIOrder Number: A01082213
Pipe Scale SamplePage Number: 8 of 11
Odessa, Tx

... Continued

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
1,2-Dichloroethane (EDC)	5.37	5.45	mg/L	1	5	<0.05	107	1	80 - 127	20
Benzene	4.76	4.77	mg/L	1	5		95	0	80 - 125	20
Benzene	4.76	4.77	mg/L	1	5	<0.05	95	0	80 - 125	20
Carbon Tetrachloride	6.03	5.94	mg/L	1	5		120	1	68 - 142	20
Carbon Tetrachloride	6.03	5.94	mg/L	1	5	<0.05	120	1	68 - 142	20
Trichloroethene (TCE)	4.26	4.28	mg/L	1	5		85	0	84 - 120	20
Trichloroethene (TCE)	4.26	4.28	mg/L	1	5	<0.05	85	0	84 - 120	20
Tetrachloroethene (PCE)	4.60	4.53	mg/L	1	5		92	1	53 - 132	20
Tetrachloroethene (PCE)	4.60	4.53	mg/L	1	5	<0.05	92	1	53 - 132	20
Chlorobenzene	5.02	5.02	mg/L	1	5		100	0	87 - 123	20
Chlorobenzene	5.02	5.02	mg/L	1	5	<0.05	100	0	87 - 123	20
1,4-Dichlorobenzene	5.05	5.07	mg/L	1	5		101	0	84 - 127	20
1,4-Dichlorobenzene	5.05	5.07	mg/L	1	5	<0.05	101	0	84 - 127	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

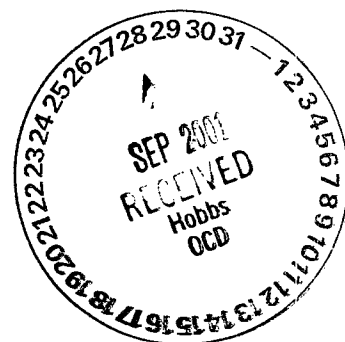
Surrogate	MS Result	MSD Result	Units	Dilution	Spike Amount	MS % Rec	MSD % Rec	Recovery Limits
Dibromofluoromethane	56	56.5	mg/L	1	50	112	113	87 - 117
Toluene-d8	47	47	mg/L	1	50	94	94	92 - 112
4-Bromofluorobenzene	44	44.5	mg/L	1	50	88	89	85 - 113

Matrix Spikes

QCBatch: QC13763

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Pyridine	15.68	16.48	mg/L	1	80		19	4	0 - 92	20
Pyridine	15.68	16.48	mg/L	1	80	<0.05	19	4	0 - 92	20
1,4-Dichlorobenzene	47.8	46.04	mg/L	1	80		59	3	20 - 124	20
1,4-Dichlorobenzene	47.8	46.04	mg/L	1	80	<0.05	59	3	20 - 124	20
o-Cresol	38.34	31.95	mg/L	1	80		47	18	41 - 92	20
o-Cresol	38.34	31.95	mg/L	1	80	<0.05	47	18	41 - 92	20
m,p-Cresol	82.07	68.02	mg/L	1	160		51	18	7 - 127	20
m,p-Cresol	82.07	68.02	mg/L	1	160	<0.05	51	18	7 - 127	20
Hexachloroethane	47.77	46.06	mg/L	1	80		59	3	40 - 113	20
Hexachloroethane	47.77	46.06	mg/L	1	80	<0.05	59	3	40 - 113	20
Nitrobenzene	50.48	48.77	mg/L	1	80		63	3	35 - 186	20
Nitrobenzene	50.48	48.77	mg/L	1	80	<0.05	63	3	35 - 186	20
Hexachlorobutadiene	46.32	45.05	mg/L	1	80		57	2	24 - 116	20
Hexachlorobutadiene	46.32	45.05	mg/L	1	80	<0.05	57	2	24 - 116	20
2,4,6-Trichlorophenol	63.47	61.3	mg/L	1	80		79	3	37 - 144	20
2,4,6-Trichlorophenol	63.47	61.3	mg/L	1	80	<0.05	79	3	37 - 144	20
2,4,5-Trichlorophenol	66.28	65.13	mg/L	1	80		82	1	49 - 185	20
2,4,5-Trichlorophenol	66.28	65.13	mg/L	1	80	<0.05	82	1	49 - 185	20
2,4-Dinitrotoluene	64.19	61.37	mg/L	1	80		80	4	39 - 139	20
2,4-Dinitrotoluene	64.19	61.37	mg/L	1	80	<0.05	80	4	39 - 139	20
2,4-D	21.8	21.51	mg/L	1	80		27	1	2 - 92	20
2,4-D	21.8	21.51	mg/L	1	80	<0.05	27	1	2 - 92	20
Hexachlorobenzene	54.87	52.34	mg/L	1	80		68	4	0 - 152	20

Continued ...



Report Date: September 18, 2001

Order Number: A01082213

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QUT.001.GCI

Pipe Scale Sample

Odessa, Tx.

... Continued

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Hexachlorobenzene	54.87	52.34	mg/L	1	80	<0.05	68	4	0 - 152	20
2,4,5-TP	24.83	25.97	mg/L	1	80		31	4	0 - 112	20
2,4,5-TP	24.83	25.97	mg/L	1	80	<0.05	31	4	0 - 112	20
Pentachlorophenol	91.07	85.56	mg/L	1	80		113	6	14 - 176	20
Pentachlorophenol	91.07	85.56	mg/L	1	80	<0.05	113	6	14 - 176	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dilution	Spike Amount	MS % Rec	MSD % Rec	Recovery Limits
2-Fluorophenol	27.5	21.67	mg/L	1	80	34	27	21 - 100
Phenol-d5	19.32	14.45	mg/L	1	80	24	18	10 - 94
Nitrobenzene-d5	50.93	49.56	mg/L	1	80	63	61	35 - 114
2-Fluorobiphenyl	51.51	50.82	mg/L	1	80	64	63	43 - 116
2,4,6-Tribromophenol	54.53	55.09	mg/L	1	80	68	68	10 - 123
Terphenyl-d14	57.05	56.66	mg/L	1	80	71	70	33 - 141

Quality Control Report Continuing Calibration Verification Standards

CCV (1)

QCBatch: QC13616

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Mercury		mg/L	0.005	0.00497	99	80 - 120	8/27/01

ICV (1)

QCBatch: QC13616

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Mercury		mg/L	0.005	0.00532	106	80 - 120	8/27/01

CCV (1)

QCBatch: QC13753

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	105	105	75 - 125	9/1/01

ICV (1)

QCBatch: QC13753



Report Date: September 18, 2001
QUT.001.GCIOrder Number: A01082213
Pipe Scale SamplePage Number: 10 of 11
Odessa, Tx.

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	108	108	75 - 125	9/1/01

CCV (1)

QCBatch: QC13760

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Vinyl Chloride		mg/L	100	104	104	80 - 120	9/2/01
1,1-Dichloroethene		mg/L	100	104	104	80 - 120	9/2/01
Methyl ethyl ketone		mg/L	100	83	83	80 - 120	9/2/01
Chloroform		mg/L	100	93	93	80 - 120	9/2/01
1,2-Dichloroethane (EDC)		mg/L	100	94	94	80 - 120	9/2/01
Benzene		mg/L	100	91	91	80 - 120	9/2/01
Carbon Tetrachloride		mg/L	100	117	117	80 - 120	9/2/01
Trichloroethene (TCE)		mg/L	100	92	92	80 - 120	9/2/01
Tetrachloroethene (PCE)		mg/L	100	113	113	80 - 120	9/2/01
Chlorobenzene		mg/L	100	99	99	80 - 120	9/2/01
1,4-Dichlorobenzene		mg/L	100	102	102	80 - 120	9/2/01
Dibromofluoromethane		mg/L	50	49	98	80 - 120	9/2/01
Toluene-d8		mg/L	50	47	94	80 - 120	9/2/01
4-Bromofluorobenzene		mg/L	50	45.5	91	80 - 120	9/2/01

CCV (1)

QCBatch: QC13763

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Pyridine		mg/L	60	49.00	81	80 - 120	8/30/01
1,4-Dichlorobenzene		mg/L	60	62.27	103	80 - 120	8/30/01
o-Cresol		mg/L	60	53.92	89	80 - 120	8/30/01
m,p-Cresol		mg/L	60	55.83	93	80 - 120	8/30/01
Hexachloroethane		mg/L	60	60.24	100	80 - 120	8/30/01
Nitrobenzene		mg/L	60	59.79	99	80 - 120	8/30/01
Hexachlorobutadiene		mg/L	60	57.67	96	80 - 120	8/30/01
2,4,6-Trichlorophenol		mg/L	60	62.64	104	80 - 120	8/30/01
2,4,5-Trichlorophenol		mg/L	60	65.01	108	80 - 120	8/30/01
2,4-Dinitrotoluene		mg/L	60	68.55	114	80 - 120	8/30/01
2,4-D		mg/L	60	59.62	99	2 - 92	8/30/01
Hexachlorobenzene		mg/L	60	63.24	105	80 - 120	8/30/01
2,4,5-TP		mg/L	60	53.45	89	0 - 112	8/30/01
Pentachlorophenol		mg/L	60	66.78	111	80 - 120	8/30/01
2-Fluorophenol		mg/L	60	51.64	86	80 - 120	8/30/01
Nitrobenzene-d5		mg/L	60	52.62	87	80 - 120	8/30/01
2-Fluorobiphenyl		mg/L	60	54.94	91	80 - 120	8/30/01
2,4,6-Tribromophenol		mg/L	60	53.54	89	80 - 120	8/30/01
Terphenyl-d14		mg/L	60	53.43	89	80 - 120	8/30/01

CCV (1)

QCBatch: QC13776



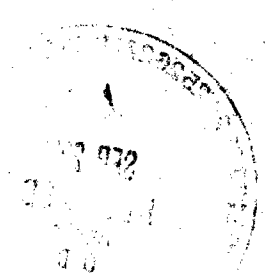
Report Date: September 18, 2001
QUT-001.GCIOrder Number: A01082213
Pipe Scale SamplePage Number: 11 of 11
Odessa, Tx.

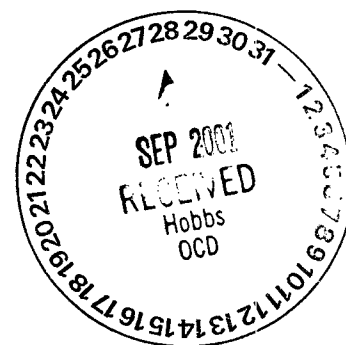
Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Arsenic		mg/L	1	1.01	101	90 - 110	9/4/01
TCLP Barium		mg/L	2	1.99	99	90 - 110	9/4/01
TCLP Cadmium		mg/L	0.50	.49	98	90 - 110	9/4/01
TCLP Chromium		mg/L	0.20	.21	105	90 - 110	9/4/01
TCLP Lead		mg/L	1	1	100	90 - 110	9/4/01
TCLP Selenium		mg/L	1	.95	95	90 - 110	9/4/01
TCLP Silver		mg/L	0.25	.25	100	90 - 110	9/4/01

ICV (1)

QCBatch: QC13776

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TCLP Arsenic		mg/L	1	.96	96	90 - 110	9/4/01
TCLP Barium		mg/L	2	2	100	90 - 110	9/4/01
TCLP Cadmium		mg/L	0.50	.5	100	90 - 110	9/4/01
TCLP Chromium		mg/L	0.20	.19	95	90 - 110	9/4/01
TCLP Lead		mg/L	1	.97	97	90 - 110	9/4/01
TCLP Selenium		mg/L	1	.98	98	90 - 110	9/4/01
TCLP Silver		mg/L	0.25	.24	96	90 - 110	9/4/01





177669

Page 1 of 1

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1286
Fax (806) 794-1286
1 (800) 378-1286

TraceAnalysis, Inc.

155 McCutcheon Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

Company Name:

CP Environmental

Phone #:

915/522-2133

Address: (Street, City, Zip)

1031 Andrews Hwy, Ste. 115, Midland, TX 79701 915/512-2180

Contact Person:

Kerry Thomas

Invoice to:

(If different from above) George Williams, 8080x 10739 New Berlin Rd

Project #:

QUT-001-6CI

Project Name:

Pipe Seals Sample

Project Location:

Odessa, TX

Sampler Signature:

[Signature]

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX				PRESERVATIVE METHOD						SAMPLING	
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	DATE	TIME
177669	QUT-001 Pipe Seals	1	2	✓								✓		8/21/01	3:00

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 901083233

ANALYSIS REQUEST

(Circle or Specify Method No.)

MTBE 8021B/602	✓
BTEX 8021B/602	✓
TPH 418/TX1005	✓
PAH 8270C	✓
Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	✓
TCLP Metals Ag As Ba Cd Cr Pb Se Hg	✓
TCLP Volatiles	✓
TCLP Semi Volatiles	✓
TCLP Pesticides	✓
ACI	✓
GC/MS Vol. 8260B/624	
GC/MS Semi. Vol. 8270C/625	
PCBs 8082/608	
Pesticides 8081A/608	
BOD, TSS, PH	

Turn Around Time if different from standard

Relinquished by:

Date:

Time:

Received by:

Date:

Time:

LAB USE ONLY

REMARKS:

Relinquished by:

Date:

Time:

Received by:

Date:

Time:

Relinquished by:

Date:

Time:

Received at Laboratory by:

Date:

Time:

Initial

N

Headspace

Y/N

N

Temp

4

Log-In Review

NA

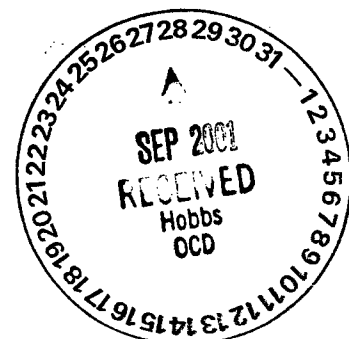
☐ Check if Special Reporting Limits Are Needed

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C. 1 sample - AS

Carrier # Heyward

1103 State 10285

9/18



District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1995

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 ☒	4. Generator Halliburton Energy Services 5. Originating Site Old Acid Facility
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter CRI
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 2311 S. Main, Artesia	New Mexico
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:

09-07-01A

Composite sample generated by construction work on acid plant, repair drive on slab, contain,emt, & PVC plumbing and soil.

Enclosed is a certificate of waste status, analytical data, and chain of custody.

Estimated Volume 180 yds. cy Known Volume (to be entered by the operator at the end of the haul) cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 9-7-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: TITLE: Environmental Eng DATE: 9-26-01

APPROVED BY: TITLE: Bureau Chief DATE: 10/2/01

10/2/01
E-Madad



CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"

COMPANY / GENERATOR Halliburton Energy Services

ADDRESS 2311 So. Main, Artesia, NM

GENERATING SITE Same as Above

COUNTY EDDY STATE NM

TYPE OF WASTE Construction Debris

ESTIMATED VOLUME 180 YDS

GENERATING PROCESS Construction work on / @ AT ACID

Plant, repair Drive-on Slab, Containment, PVC Plumbing, Soil

REMARKS Testing Has Been Completed on materials To Be Disposed of

NMOCD FACILITY CRI R9146

TRUCKING COMPANY CRI

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.3.

AGENT Stephen W. Bailey
SIGNATURE

NAME Stephen W. Bailey
PRINTED

ADDRESS 5801 Livingston Hwy

Hobbs, NM 88240, Phone # 505-392-0701

DATE 9-6-01



**CARDINAL LABORATORIES, INC.**2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2478**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**Page 1 of 1

Company Name: HALLIBURTON ENERGY		BILL TO		ANALYSIS REQUEST																						
Project Manager: STEVE BAILEY		P.O. #:																								
Address:		Company:																								
City: HOBBS State: NM Zip: 88240		Attn:																								
Phone #: Fax #:		Address:																								
Project #: Project Owner:		City:																								
Project Name: OLD ACID FACILITY		State: Zip:																								
Project Location: ARTESIA NM		Phone #:																								
Sampler Name: G.A. POTTER		Fax #:																								
FOR LAB USE ONLY		MATRIX		PRESERV.		SAMPLING		TCLP																		
Lab I.D.	Sample I.D.	GRAB OR (COMP.)	CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL													SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER:	DATE	TIME
115496-1	COMPOSITE SAMPLE	C-1																							07/18/2001	8:05P
		C-1																								
		C-1																								
		C-1																								
		C-1																								
		C-1																								

PLEASE NOTE: Liability and Damages. Cardinal's liability and owner's obligation remedy for any delay arising whether caused in transit or at the site, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable services. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of data, or loss of profits incurred by client, its subsidiaries, affiliates or companies relying on or related to the performance of services furnished by Cardinal, regardless of whether such claim is based upon any of the above stated remedies or otherwise.

Service and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 36% per annum from the original date of invoice, and at rate of collection, including attorney's fees.

Sampler Relinquished:		Date:	Received By:	Phone Result: ☐ Yes ☐ No	Add'l Phone #:
		Time:		Fax Result: ☐ Yes ☐ No	Add'l Fax #:
Relinquished By:		Date:	Received By: (Lab Staff)	REMARKS:	
A.S. McInt		07/12/2001	[Signature]		
Time: 2:00PM					
Delivered By: (Circle One)		Sample Condition		CHECKED BY:	
☒ Sampler ☐ UPS ☐ Bus ☐ Other:		Cool Intact ☒ Yes ☐ No		(Initials)	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2478.





CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
HALLIBURTON ENERGY SERVICES
ATTN: STEVE BAILEY
5801 LOVINGTON HWY.
HOBBS, NM 88240
FAX TO:

Receiving Date: 07/18/01
Reporting Date: 07/19/01
Project Number: NOT GIVEN
Project Name: OLD ACID FACILITY
Project Location: ARTESIA, NM
Lab Number: H5996-1
Sample ID: COMPOSITE SAMPLE

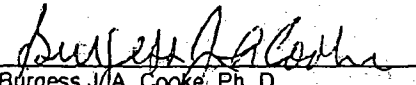
Analysis Date: 07/19/01
Sampling Date: 07/18/01
Sample Type: SOLID
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5996-1	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.005	<0.005	0.097	97	0.100
1,1-Dichloroethylene	0.7	<0.005	<0.005	0.101	101	0.100
Methyl Ethyl Ketone	200	<0.050	<0.050	0.086	86	0.100
Chloroform	6.0	0.008	<0.005	0.110	110	0.100
1,2-Dichloroethane	0.5	<0.005	<0.005	0.108	108	0.100
Benzene	0.5	<0.005	<0.005	0.109	109	0.100
Carbon Tetrachloride	0.5	<0.005	<0.005	0.097	97	0.100
Trichloroethylene	0.5	<0.005	<0.005	0.105	105	0.100
Tetrachloroethylene	0.7	<0.005	<0.005	0.099	99	0.100
Chlorobenzene	100	<0.005	<0.005	0.104	104	0.100
1,4-Dichlorobenzene	7.5	<0.005	<0.005	0.097	97	0.100

% RECOVERY

Dibromofluoromethane	100
Toluene-d8	103
Bromofluorobenzene	103

METHODS: EPA SW 846-8260, 1311


Burgess J. A. Cooke, Ph. D.

7/19/01
Date

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ATTN: STEVE BAILEY
5801 LOVINGTON HWY.
HOBBS, NM 88240
FAX TO:

Receiving Date: 07/18/01
Reporting Date: 07/23/01
Project Number: NOT GIVEN
Project Name: OLD ACID FACILITY
Project Location: ARTESIA, NM
Lab Number: H5996-1
Sample ID: COMPOSITE SAMPLE

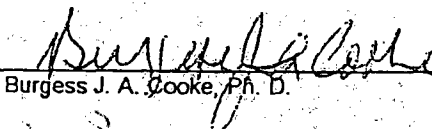
Extraction Date: 07/20/01
Analysis Date: 07/21/01
Sampling Date: 07/18/01
Sample Type: SOLID
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5996-1	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.020	<0.005	0.006	12	0.050
1,4-Dichlorobenzene	7.50	<0.020	<0.005	0.023	46	0.050
o-Cresol	200	<0.020	<0.005	0.035	70	0.050
m, p-Cresol	200	<0.020	<0.005	0.031	62	0.050
Hexachloroethane	3.00	<0.020	<0.005	0.018	36	0.050
Nitrobenzene	2.00	<0.020	<0.005	0.040	80	0.050
Hexachloro-1,3-butadiene	0.500	<0.020	<0.005	0.024	48	0.050
2,4,6-Trichlorophenol	2.00	<0.020	<0.005	0.044	88	0.050
2,4,5-Trichlorophenol	400	<0.020	<0.005	0.047	94	0.050
2,4-Dinitrotoluene	0.130	<0.020	<0.005	0.042	84	0.050
Hexachlorobenzene	0.130	<0.020	<0.005	0.044	88	0.050
Pentachlorophenol	100	<0.020	<0.005	0.049	98	0.050

% RECOVERY

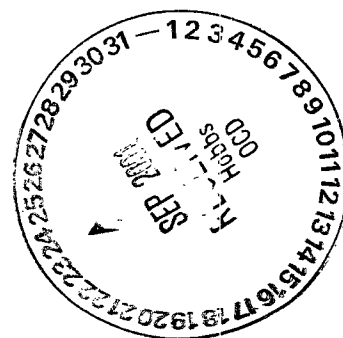
Fluorophenol	54
Phenol-d5	48
Nitrobenzene-d5	85
2-Fluorobiphenyl	75
2,4,6-Tribromophenol	102
Terphenyl-d14	107

METHODS: EPA SW 846-8270, 1311, 3510


Burgess J. A. Cooke, Ph. D.

7/23/01
Date

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ANALYTICAL RESULTS FOR
HALLIBURTON ENERGY SERVICES
ATTN: STEVE BAILEY
5801 LOVINGTON HWY
HOBBS, NM 88240
FAX TO:

Receiving Date: 07/18/01
Reporting Date: 07/26/01
Project Owner: HALLIBURTON
Project Name: OLD ACID FACILITY
Project Location: ARTESIA, NM

Sampling Date: 07/18/01 GIVEN
Sample Type: SOLID
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: AH/BC

LAB NUMBER SAMPLE ID	REACTIVITY			
	Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
ANALYSIS DATE:	07/23/01	07/23/01	07/25/01	07/25/01
H5996-1 COMP. SAMPLE	Not reactive	Not reactive	6.50	Nonflammable
Quality Control	NR	NR	7.00	NR
True Value QC	NR	NR	7.00	NR
% Recovery	NR	NR	100	NR
Relative Percent Difference	NR	NR	1.4	NR

METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261

Bryan J. Carter
Chemist

7/26/01
Date

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Project Name: OLD ACID FACILITY
Project Location: ARTESIA, NM

Sampling Date: 07/18/01 GIVEN
Sample Type: SOLID
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: AH

TCLP METALS

LAB NO.	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
---------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

ANALYSIS DATE:	07/25/01	07/25/01	07/25/01	07/25/01	07/25/01	07/25/01	07/25/01	07/25/01	07/25/01
EPA LIMITS:	5	5	100	1	5	5	0.2	1	
H5996-1 COMPOSITE	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1	
SAMPLE									
Quality Control	0.207	4.447	24.48	1.054	0.997	4.866	0.00975	0.050	
True Value QC	0.200	5.000	25.00	1.000	1.000	5.000	0.01000	0.050	
% Recovery	104	88.9	97.9	105	99.7	97.3	97.5	100	
Relative Standard Deviation	4.3	0.7	7.5	1.0	3.1	0.4	2.6	8.7	

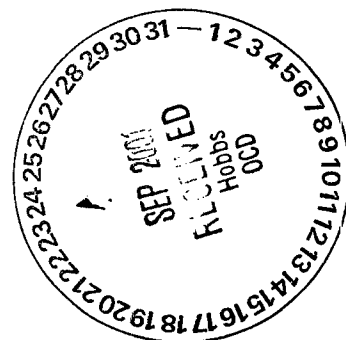
METHODS: EPA 1311, 600/4-79	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
-----------------------------	-------	-------	-------	-------	-------	-------	-------	-------

Gayle A. Potter
Gayle A. Potter, Chemist

07/26/2001
Date

H5996M.XLS

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District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1995

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator Halliburton Energy Services
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site Old Acid Facility
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter CRI
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 2311 S. Main, Artesia	New Mexico
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:

09-07-01A

Composite sample generated by construction work on acid plant, repair drive on slab, contain,emt, & PVC plumbing and soil.

Enclosed is a certificate of waste status, analytical data, and chain of custody.

RECEIVED
NOV 14 2001
Environmental Bureau
Oil Conservation Division

Estimated Volume 180 yds. cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 9-7-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: [Signature] TITLE: Environmental Engineer DATE: 9-13-01

APPROVED BY: [Signature] TITLE: Bureau Chief DATE: 11/14/01

11501-27

RECEIVED
Hobbs
OCD
20252627282930

**CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"**

COMPANY / GENERATOR Halliburton Energy ServicesADDRESS 2311 So. Main, Artesia, NMGENERATING SITE Same as AboveCOUNTY Eddy STATE NMTYPE OF WASTE Construction DebrisESTIMATED VOLUME 180 YDSGENERATING PROCESS Construction work on / @ AT ACIDPlant, repair Drive-on Slab, Containment, PVC Plumbing, SoilREMARKS Testing Has Been Completed on materials To Be Disposed ofNMOCD FACILITY CRI R9146TRUCKING COMPANY CRI

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.3.

AGENT Stephen W. Bailey

SIGNATURE

NAME Stephen W. Bailey

PRINTED

ADDRESS 5801- Lovington HwyHobbs, NM 88240, Phone # 505-392-0701DATE 9-6-01



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2478

Page ____ of ____

Company Name: HALLIBURTON ENERGY		BILL TO		ANALYSIS REQUEST													
Project Manager: Steve Bailey		P.O. #:															
Address:		Company:															
City: HOBBS	State: NM Zip: 88240	Attn:															
Phone #:	Fax #:	Address:															
Project #:	Project Owner:	City:															
Project Name: OLD ACID FACILITY		State: Zip:															
Project Location: ARTESIA NM		Phone #:															
Sampler Name: G A POTTER		Fax #:															
FOR LAB USE ONLY																	
Lab I.D.	Sample I.D.	GRAB OR COMP.	# CONTAINERS	MATRIX						PRESERV.		SAMPLING		DATE	TIME		
				GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER:					
H5496-1	COMPOSITE SAMPLE	C	1														
		C	1														
		C	1														
		C	1														

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Terms and Conditions: Interest will be charged on all accounts from time to time past due at the rate of 20% per annum from the original date of payment, and all costs of collection, including attorney's fees.

Sampler Relinquished:	Date:	Received By:	Phone Result: ☐ Yes ☐ No	Add'l Phone #:
	Time:		Fax Result: ☐ Yes ☐ No	Add'l Fax #:
Relinquished By:	Date:	Received By: (Lab Staff)	REMARKS:	
S.S. Mat	07/12/2001	[Signature]		
	Time:			
Delivered By: (Circle One)	Sample Condition	CHECKED BY:		
☒ Sample ☐ UPS ☐ Bus ☐ Other:	Cool Intact ☒ Yes ☐ No	(Initials)		

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2478.





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ATTN: STEVE BAILEY
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HOBBS, NM 88240
FAX TO:

Receiving Date: 07/18/01
Reporting Date: 07/19/01
Project Number: NOT GIVEN
Project Name: OLD ACID FACILITY
Project Location: ARTESIA, NM
Lab Number: H5996-1
Sample ID: COMPOSITE SAMPLE

Analysis Date: 07/19/01
Sampling Date: 07/18/01
Sample Type: SOLID
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5996-1	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.005	<0.005	0.097	97	0.100
1,1-Dichloroethylene	0.7	<0.005	<0.005	0.101	101	0.100
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Chloroform	6.0	0.008	<0.005	0.110	110	0.100
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Chlorobenzene	100	<0.005	<0.005	0.104	104	0.100
1,4-Dichlorobenzene	7.5	<0.005	<0.005	0.097	97	0.100

% RECOVERY

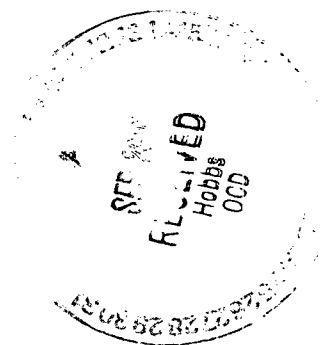
Dibromofluoromethane	100
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Bromofluorobenzene	103

METHODS: EPA SW 846-8260, 1311

Burgess J/A. Cooke, Ph. D.

7/19/01
Date

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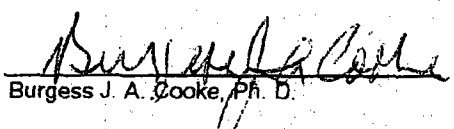
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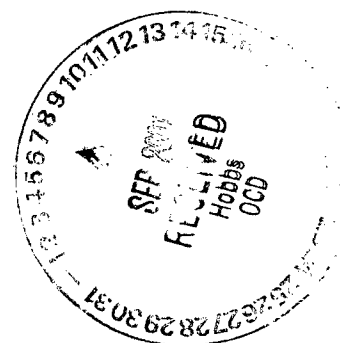
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2,4,6-Tribromophenol	102
Terphenyl-d14	107

METHODS: EPA SW 846-8270, 1311, 3510


Burgess J. A. Cooke, Ph. D.

7/23/01
Date

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Reporting Date: 07/26/01
Project Owner: HALLIBURTON
Project Name: OLD ACID FACILITY
Project Location: ARTESIA, NM

Sampling Date: 07/18/01 GIVEN
Sample Type: SOLID
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: AH/BC

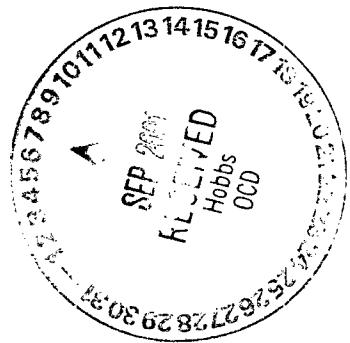
LAB NUMBER SAMPLE ID	REACTIVITY			
	Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
ANALYSIS DATE:	07/23/01	07/23/01	07/25/01	07/25/01
H5996-1 COMP. SAMPLE	Not reactive	Not reactive	6.50	Nonflammable
Quality Control	NR	NR	7.00	NR
True Value QC	NR	NR	7.00	NR
% Recovery	NR	NR	100	NR
Relative Percent Difference	NR	NR	1.4	NR

METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261

Barbara J. Collins
Chemist

7/26/01
Date

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

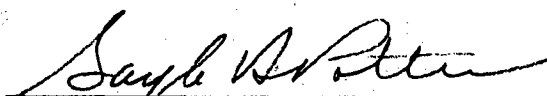
ANALYTICAL RESULTS FOR
HALLIBURTON ENERGY SERVICES
ATTN: STEVE BAILEY
5801 LOVINGTON HWY
HOBBS, NM 88240
FAX TO:

Receiving Date: 07/18/01
Reporting Date: 07/26/01
Project Owner: HALLIBURTON
Project Name: OLD ACID FACILITY
Project Location: ARTESIA, NM

Sampling Date: 07/18/01 GIVEN
Sample Type: SOLID
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: AH

TCLP METALS

LAB NO.	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:		07/25/01	07/25/01	07/25/01	07/25/01	07/25/01	07/25/01	07/25/01	07/25/01
EPA LIMITS:		5	5	100	1	5	5	0.2	1
H5996-1	COMPOSITE	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
	SAMPLE								
Quality Control		0.207	4.447	24.48	1.054	0.997	4.866	0.00975	0.050
True Value QC		0.200	5.000	25.00	1.000	1.000	5.000	0.01000	0.050
% Recovery		104	88.9	97.9	105	99.7	97.3	97.5	100
Relative Standard Deviation		4.3	0.7	7.5	1.0	3.1	0.4	2.6	8.7
METHODS: EPA 1311, 600/4-79		206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2


Gayle A. Potter, Chemist

07/26/2001
Date

H5996M.XLS

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District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

NOV 15 2001

Environmental Bureau
Oil Conservation Division

Form C-136
Revised March 17, 1995

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 ☒	4. Generator Conoco, Inc. 5. Originating Site Anderson Ranch Compressor 6. Transporter Hughes/ Steve Carter 8. State New Mexico New Mexico
2. Management Facility Destination Controlled Recovery, Inc.	
3. Address of Facility Operator P.O. Box 388, Hobbs	
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	
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.	

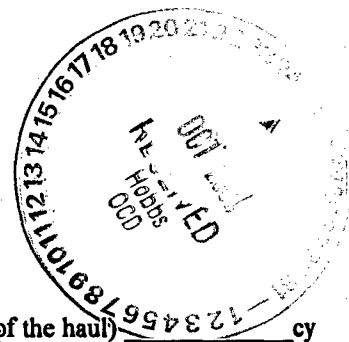
BRIEF DESCRIPTION OF MATERIAL:

10-22-01X

Used lube oil generated by engine and compressor operations.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02 for recycle at CRI treating plant.

COC



Estimated Volume 250 gallons cy Known Volume (to be entered by the operator at the end of the haul) cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01

Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: TITLE: DATE:

APPROVED BY: TITLE: Environmental Geologist DATE: 11-01-01

11591-26

**CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"**

COMPANY / GENERATOR Conoco Inc (NGGP)
ADDRESS 921 W. Sanger, Hobb NM
GENERATING SITE Anderson Ranch Compressor (AR)
COUNTY Lea STATE NM
TYPE OF WASTE Used Lube oil
ESTIMATED VOLUME 250 Gallons
GENERATING PROCESS Engine / Compressor
operation

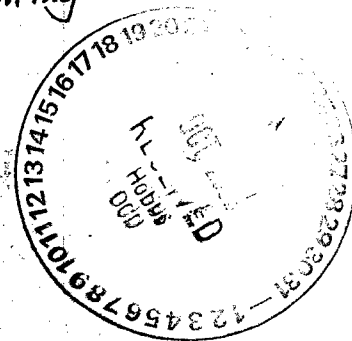
REMARKS For all shipments through 10-31-02

NMOCD FACILITY Controlled Recovery Inc

TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking
CRI Trucking / Pro cycle trucking

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 2613.

AGENT Mark Bishop
SIGNATURE
NAME Mark Bishop
PRINTED
ADDRESS 921 W Sanger
Hobbs NM 88240
DATE 7-30-01





CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-6

Sample ID: AR

Extraction Date: 07/12/01

Analysis Date: 07/13/01

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BC

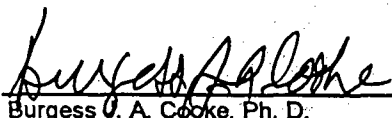
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5970-6	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.050	<0.005	0.013	26	0.050
1,4-Dichlorobenzene	7.50	<0.050	<0.005	0.028	56	0.050
o-Cresol	200	<0.050	<0.005	0.034	68	0.050
m, p-Cresol	200	<0.050	<0.005	0.035	70	0.050
Hexachloroethane	3.00	<0.050	<0.005	0.024	48	0.050
Nitrobenzene	2.00	<0.050	<0.005	0.041	82	0.050
Hexachloro-1,3-butadiene	0.500	<0.050	<0.005	0.026	52	0.050
2,4,6-Trichlorophenol	2.00	<0.050	<0.005	0.035	70	0.050
2,4,5-Trichlorophenol	400	<0.050	<0.005	0.033	66	0.050
2,4-Dinitrotoluene	0.130	<0.050	<0.005	0.039	78	0.050
Hexachlorobenzene	0.130	<0.050	<0.005	0.041	82	0.050
Pentachlorophenol	100	<0.050	<0.005	0.036	72	0.050

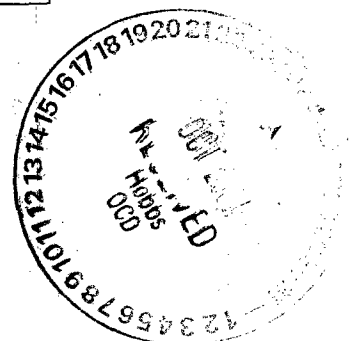
% RECOVERY

Fluorophenol	57
Phenol-d5	45
Nitrobenzene-d5	100
2-Fluorobiphenyl	95
2,4,6-Tribromophenol	88
Terphenyl-d14	110

METHODS: EPA SW 846-8270, 1311, 3510


Burgess A. Cooke, Ph. D.

7/16/01
Date



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ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/12/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-6

Sample ID: AR

Analysis Date: 07/11/01

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BC

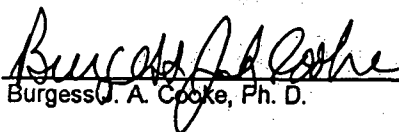
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5970-6	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.005	<0.005	0.108	108	0.100
1,1-Dichloroethylene	0.7	<0.005	<0.005	0.095	95	0.100
Methyl Ethyl Ketone	200	<0.050	<0.050	0.110	110	0.100
Chloroform	6.0	<0.005	<0.005	0.091	91	0.100
1,2-Dichloroethane	0.6	<0.005	<0.005	0.098	98	0.100
Benzene	0.5	0.006	<0.005	0.098	98	0.100
Carbon Tetrachloride	0.5	<0.005	<0.005	0.110	110	0.100
Trichloroethylene	0.5	<0.005	<0.005	0.103	103	0.100
Tetrachloroethylene	0.7	<0.005	<0.005	0.100	100	0.100
Chlorobenzene	100	<0.005	<0.005	0.104	104	0.100
1,4-Dichlorobenzene	7.5	<0.005	<0.005	0.092	92	0.100

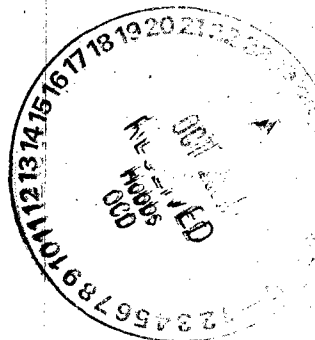
% RECOVERY

Dibromofluoromethane	104
Toluene-d8	104
Bromofluorobenzene	105

METHODS: EPA SW 846-8260, 1311


Burgess A. Cooke, Ph. D.

7/12/01
Date



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ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/BC/GP

REACTIVITY

LAB NO.	SAMPLE ID	Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
---------	-----------	------------------	------------------	---------------------	----------------------

ANALYSIS DATE:		07/12/01	07/12/01	07/14/01	07/12/01
H5970-6	AR	Not reactive	Not reactive	7.08	>140***
H5970-7	KEM	Not reactive	Not reactive	7.32	>140***
H5970-12	CALMON	Not reactive	Not reactive	7.14	78
H5970-13	PG	Not reactive*	Not reactive*	7.35	76
H5970-14	COTTON DRAW	Not reactive*	Not reactive*	7.40	133
H5970-16	NEC	Not reactive*	Not reactive*	7.43	104
H5970-20	CALMON	Not reactive**	Not reactive**	7.42	76
H5970-21	CURU	Not reactive**	Not reactive**	7.34	79
H5970-22	PG	Not reactive**	Not reactive**	7.27	>140
H5970-23	CABIN LAKE	Not reactive**	Not reactive**	7.24	107
H5970-24	RAMSEY	Not reactive**	Not reactive**	7.29	>140
H5970-25	MALAGA	Not reactive**	Not reactive**	7.65	>140
Quality Control		NR	NR	6.98	NR
True Value QC		NR	NR	7.00	NR
% Recovery		NR	NR	99.7	NR
Relative Percent Difference		NR	NR	0.5	NR

METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261

*Analysis date: 07/13/01.

**Analysis date: 07/16/01.

***Analysis date: 07/14/01.

Jeff Driver
Chemist

7/16/01
Date

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PHONE (505) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/12/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/GP

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:		07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:		5	5	100	1	5	5	0.2	1
H5970-6	AR	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-7	KEM	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-12	CALMON	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-13	PG	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-14	COTTON DRAW	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-16	NEC	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-20	CALMON	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-21	CURU	<1	<1	<5	<0.2	<2	<1	<0.02	<0.1
H5970-22	PG	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-23	CABIN LAKE	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-24	RAMSEY	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-25	MALAGA	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
Quality Control		0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC		0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery		104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference		1.8	0.1	4.0	0.6	1.0	4.0	10.8	1.2
METHODS: EPA 1311, 600/4-79-02		206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2

Chemist

Date

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District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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NOV 15 2001

Environmental Bureau
Oil Conservation Division

Form C-138
Revised March 17, 1995

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 ☒	4. Generator Conoco, Inc. 5. Originating Site Kemnitz Compressor
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter Hughes/Steve Carter
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	New Mexico
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.	

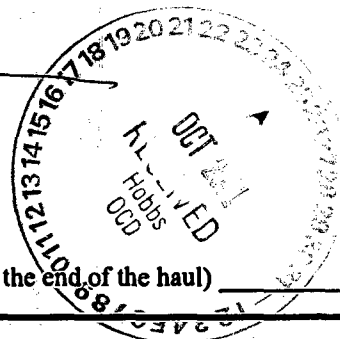
BRIEF DESCRIPTION OF MATERIAL:

10-22-01U

Used lube oil generated by engine and compressor operations.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02 for recycle at CRI treating plant.

Coc



Estimated Volume 1,000 gallons cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: [Signature] TITLE: Environmental Auditor DATE: 11-19-01

11-501-25

CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"

COMPANY / GENERATOR Conoco Inc (NGGP)

ADDRESS 921 W. Sanger, Hobb NM

GENERATING SITE Kemnit Compressor

COUNTY Lea STATE NM

TYPE OF WASTE Used Lube oil

ESTIMATED VOLUME 1000 Gallons

GENERATING PROCESS Engine / Compressor
operation

REMARKS For all shipments through 10-31-02

NMOCD FACILITY Controlled Recovery Inc

TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking
CNI Trucking / Pro cycle trucking

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 2613.

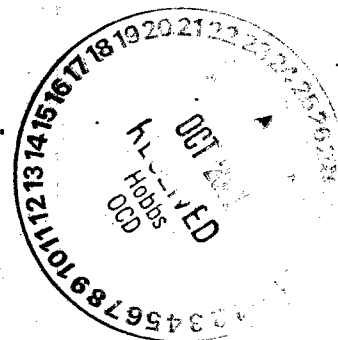
AGENT Mark Bishop
SIGNATURE

NAME Mark Bishop
PRINTED

ADDRESS 921 W Sanger

Hobbs NM 88240

DATE 7-30-01





ARDINAL LABORATORIES

PHONE (915) 873-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-7

Sample ID: KEM

Extraction Date: 07/12/01

Analysis Date: 07/13/01

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BC

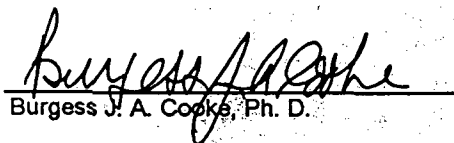
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5970-7	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.050	<0.005	0.013	26	0.050
1,4-Dichlorobenzene	7.50	<0.050	<0.005	0.028	56	0.050
o-Cresol	200	<0.050	<0.005	0.034	68	0.050
m, p-Cresol	200	<0.050	<0.005	0.035	70	0.050
Hexachloroethane	3.00	<0.050	<0.005	0.024	48	0.050
Nitrobenzene	2.00	<0.050	<0.005	0.041	82	0.050
Hexachloro-1,3-butadiene	0.500	<0.050	<0.005	0.026	52	0.050
2,4,6-Trichlorophenol	2.00	<0.050	<0.005	0.035	70	0.050
2,4,5-Trichlorophenol	400	<0.050	<0.005	0.033	66	0.050
2,4-Dinitrotoluene	0.130	<0.050	<0.005	0.039	78	0.050
Hexachlorobenzene	0.130	<0.050	<0.005	0.041	82	0.050
Pentachlorophenol	100	<0.050	<0.005	0.036	72	0.050

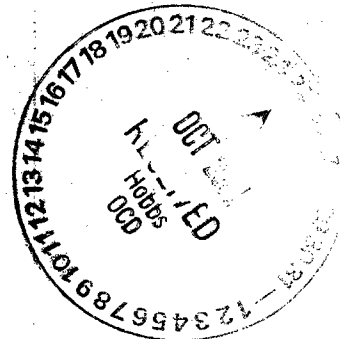
% RECOVERY

Fluorophenol	60
Phenol-d5	48
Nitrobenzene-d5	114
2-Fluorobiphenyl	90
2,4,6-Tribromophenol	97
Terphenyl-d14	106

METHODS: EPA SW 846-8270, 1311, 3510


Burgess J. A. Cooke, Ph. D.

7/16/01
Date



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ARDINAL LABORATORIES

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/12/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-7

Sample ID: KEM

Analysis Date: 07/11/01

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BC

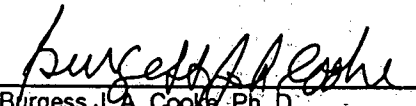
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5970-7	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.005	<0.005	0.108	108	0.100
1,1-Dichloroethylene	0.7	<0.005	<0.005	0.095	95	0.100
Methyl Ethyl Ketone	200	0.108	<0.050	0.110	110	0.100
Chloroform	6.0	0.010	<0.005	0.091	91	0.100
1,2-Dichloroethane	0.5	<0.005	<0.005	0.098	98	0.100
Benzene	0.5	0.012	<0.005	0.098	98	0.100
Carbon Tetrachloride	0.5	<0.005	<0.005	0.110	110	0.100
Trichloroethylene	0.5	<0.005	<0.005	0.103	103	0.100
Tetrachloroethylene	0.7	<0.005	<0.005	0.100	100	0.100
Chlorobenzene	100	<0.005	<0.005	0.104	104	0.100
1,4-Dichlorobenzene	7.5	<0.005	<0.005	0.092	92	0.100

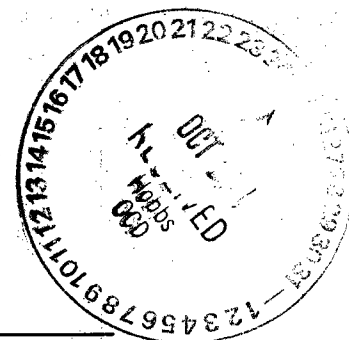
% RECOVERY

Dibromofluoromethane	98
Toluene-d8	97
Bromofluorobenzene	99

METHODS: EPA SW 846-8260, 1311


Burgess J. A. Cooke, Ph. D.

7/12/01
Date



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ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BQ

Analyzed By: AH/BC/GP

REACTIVITY

LAB NO.	SAMPLE ID	Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
---------	-----------	------------------	------------------	---------------------	----------------------

ANALYSIS DATE:		07/12/01	07/12/01	07/14/01	07/12/01
H5970-6	AR	Not reactive	Not reactive	7.08	>140***
H5970-7	KEM	Not reactive	Not reactive	7.32	>140***
H5970-12	CALMON	Not reactive	Not reactive	7.14	78
H5970-13	PG	Not reactive*	Not reactive*	7.35	76
H5970-14	COTTON DRAW	Not reactive*	Not reactive*	7.40	133
H5970-16	NEC	Not reactive*	Not reactive*	7.43	104
H5970-20	CALMON	Not reactive**	Not reactive**	7.42	76
H5970-21	CURU	Not reactive**	Not reactive**	7.34	79
H5970-22	PG	Not reactive**	Not reactive**	7.27	>140
H5970-23	CABIN LAKE	Not reactive**	Not reactive**	7.24	107
H5970-24	RAMSEY	Not reactive**	Not reactive**	7.29	>140
H5970-25	MALAGA	Not reactive**	Not reactive**	7.65	>140
Quality Control		NR	NR	6.98	NR
True Value QC		NR	NR	7.00	NR
% Recovery		NR	NR	99.7	NR
Relative Percent Difference		NR	NR	0.5	NR

METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261

*Analysis date: 07/13/01.

**Analysis date: 07/16/01.

***Analysis date: 07/14/01.

Chemist

Date

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/12/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/06/01
Sample Type: SOLID (OIL)
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH/GP

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
------------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

ANALYSIS DATE:	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:	5	5	100	1	5	5	0.2	1
H5970-6 AR	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-7 KEM	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-12 CALMON	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-13 PG	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-14 COTTON DRAW	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-16 NEC	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-20 CALMON	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-21 CURU	<1	<1	<5	<0.2	<2	<1	<0.02	<0.1
H5970-22 PG	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-23 CABIN LAKE	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-24 RAMSEY	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-25 MALAGA	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
Quality Control	0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC	0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery	104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference	1.8	0.1	4.0	0.6	1.0	4.0	10.8	1.2

METHODS: EPA 1311, 600/4-79-020	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
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Chemist

Date

07/16/2001

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District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

NOV 05 2001

Form C-136

Revised March 17, 1995

Environmental Bureau Submit Original
Oil Conservation Division Plus 1 Copy
to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

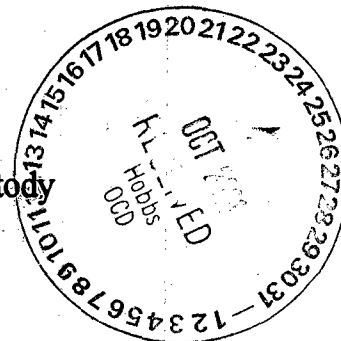
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒	4. Generator Conoco, Inc. 5. Originating Site Cedar Lake 6. Transporter Hughes/ Steve Carter 8. State New Mexico New Mexico
2. Management Facility Destination Controlled Recovery, Inc.	
3. Address of Facility Operator P.O. Box 388, Hobbs	
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	
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:

10-22-01A

Waste water generated by engine wash water, rain water run off, and lube oil leaked from compressor.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02.



Estimated Volume 300 bbls. cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01
Waste Management Facility Authorized Agent

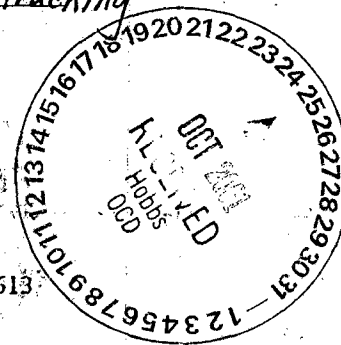
TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)		
APPROVED BY: <u>[Signature]</u>	TITLE: <u>Environmental Engineer</u>	DATE: <u>10-29-01</u>
APPROVED BY: <u>[Signature]</u>	TITLE: <u>Environmental Geologist</u>	DATE: <u>11-5-01</u>

CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"

COMPANY / GENERATOR Conoco, Inc. (NGGP)ADDRESS 921 W. Sanger, Hobbs, NM 88240GENERATING SITE GL Cedar LakeCOUNTY Eddy STATE NMTYPE OF WASTE Oily Waste waterESTIMATED VOLUME 300 bbls.GENERATING PROCESS engine wash water, rain waterrun off, lube oil leaked from compressor.REMARKS For all shipments through 10-31-02NMOCD FACILITY Controlled Recovery, Inc.TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.3.

AGENT Mark Bishop
SIGNATURENAME Mark Bishop
PRINTEDADDRESS 921 W. SangerHobbs, NM 88240DATE 10-16-01



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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/11/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5970-11
Sample ID: CL

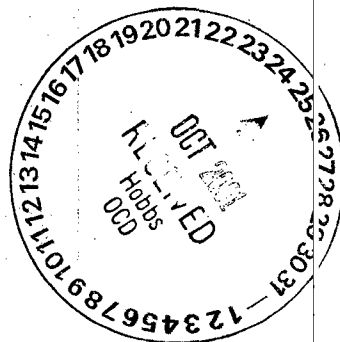
Analysis Date: 07/09/01
Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5970-11	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.025	<0.005	0.108	108	0.100
1,1-Dichloroethylene	0.7	<0.025	<0.005	0.095	95	0.100
Methyl Ethyl Ketone	200	0.481	<0.050	0.110	110	0.100
Chloroform	6.0	<0.025	<0.005	0.091	91	0.100
1,2-Dichloroethane	0.5	<0.025	<0.005	0.098	98	0.100
Benzene	0.5	<0.025	<0.005	0.098	98	0.100
Carbon Tetrachloride	0.5	<0.025	<0.005	0.110	110	0.100
Trichloroethylene	0.5	<0.025	<0.005	0.103	103	0.100
Tetrachloroethylene	0.7	<0.025	<0.005	0.100	100	0.100
Chlorobenzene	100	<0.025	<0.005	0.104	104	0.100
1,4-Dichlorobenzene	7.5	<0.025	<0.005	0.092	92	0.100

% RECOVERY

Dibromofluoromethane	102
Toluene-d8	90
Bromofluorobenzene	90

METHODS: EPA SW 846-8260, 1311



Burgess J.A. Cooke
Burgess J.A. Cooke Ph. D.

7/11/01
Date

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ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/16/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5970-11
Sample ID: CL

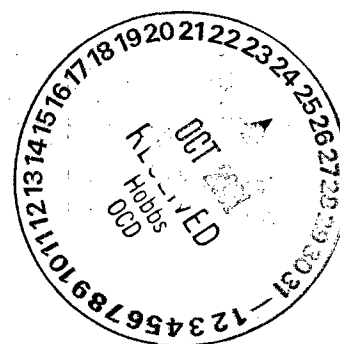
Analysis Date: 07/12/01
Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5970-11	Method Blank	QC	% Recov.	True Value QC
--------------------------	--------------	---------------------------	-----------------	----	----------	------------------

Pyridine	5.00	<0.100	<0.005	0.013	26	0.050
1,4-Dichlorobenzene	7.50	<0.100	<0.005	0.028	56	0.050
o-Cresol	200	<0.100	<0.005	0.034	68	0.050
m, p-Cresol	200	<0.100	<0.005	0.035	70	0.050
Hexachloroethane	3.00	<0.100	<0.005	0.024	48	0.050
Nitrobenzene	2.00	<0.100	<0.005	0.041	82	0.050
Hexachloro-1,3-butadiene	0.500	<0.100	<0.005	0.026	52	0.050
2,4,6-Trichlorophenol	2.00	<0.100	<0.005	0.035	70	0.050
2,4,5-Trichlorophenol	400	<0.100	<0.005	0.033	66	0.050
2,4-Dinitrotoluene	0.130	<0.100	<0.005	0.039	78	0.050
Hexachlorobenzene	0.130	<0.100	<0.005	0.041	82	0.050
Pentachlorophenol	100	<0.100	<0.005	0.036	72	0.050

% RECOVERY

Fluorophenol	35
Phenol-d5	24
Nitrobenzene-d5	116
2-Fluorobiphenyl	59
2,4,6-Tribromophenol	66
Terphenyl-d14	105



METHODS: EPA SW 846-8270, 1311, 3510

Burgess J. A. Cooke, Ph. D.

7/16/01
Date

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/BC

REACTIVITY

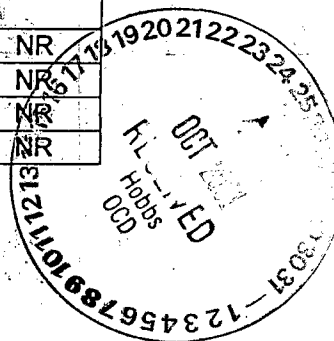
LAB NO.	SAMPLE ID	Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
---------	-----------	------------------	------------------	---------------------	----------------------

ANALYSIS DATE:	07/12/01	07/12/01	07/09/01	07/09/01
H5970-1 TT	Not reactive	Not reactive	5.32	>140
H5970-2 ZIA BOOSTER	Not reactive	Not reactive	6.56	>140
H5970-3 LUSK	Not reactive	Not reactive	5.13	>140
H5970-4 CHAVEZ	Not reactive	Not reactive	6.25	>140
H5970-5 WTT #2	Not reactive	Not reactive	5.12	>140
H5970-8 REDLAKE	Not reactive	Not reactive	6.95	>140
H5970-9 SKELLY	Not reactive	Not reactive	6.48	>140
H5970-10 WTT #1	Not reactive	Not reactive	5.29	>140
H5970-11 CL	Not reactive	Not reactive	5.21	>140
H5970-15* PARDUE	Not reactive	Not reactive	5.14	92
H5970-17** CEDAR CANYON	Not reactive	Not reactive	5.21	>140
H5970-18** RAMSEY	Not reactive	Not reactive	6.70	>140
H5970-19** STATELINE	Not reactive	Not reactive	6.87	>140
Quality Control	NR	NR	6.98	NR
True Value QC	NR	NR	7.00	NR
% Recovery	NR	NR	99.7	NR
Relative Percent Difference	NR	NR	0.1	NR

METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261

*Reactivities determined on 07/13/01.

**Reactivities determined on 07/16/01.



Chemist

Date

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CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR

CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/12/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/GP

TCLP METALS

LAB NUMBER SAMPLE ID

As ppm Ag ppm Ba ppm Cd ppm Cr ppm Pb ppm Hg ppm Se ppm

ANALYSIS DATE:	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:	5	5	100	1	5	5	0.2	1
H5970-1 TT	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-2 ZIA BOOSTER	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-3 LUSK	<1	<1	<5	<0.1	<1	<2	<0.02	<0.1
H5970-4 CHAVEZ	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-5 WTT #2	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-8 REDLAKE	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-9 SKELLY	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-10 WTT #1	<1	<1	<5	<0.1	<1	<2	<0.02	<0.1
H5970-11 CL	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-15 PARDUE	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-17 CEDAR CANYON	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-18 RAMSEY	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-19 STATELINE	<1	<1	<5	<0.2	<2	<1	<0.02	<0.1
Quality Control	0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC	0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery	104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference	1.8	0.1	4.0	0.6	1.0	4.0	10.8	1.2

METHODS: EPA 1311, 600/4-79-02	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
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Chemist

Date

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ARDINAL LABORATORIES, INC.

22111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020~ (505) 393-2325 Fax (505) 393-2476

(915) 673-7001 Fax (915) 673-7020 • (505) 393-2325 Fax (505) 393-2476

Page 7 of 1

BILL TO										ANALYSIS REQUEST									
Company Name: Conoco Inc																			
Project Manager: Jeff Davis																			
Address: P.O. Box 90																			
City: Maljamar																			
State: NM Zip: 88264																			
Phone #: 505 676 2401																			
Fax #: 505 676 2401																			
Project Owner: Project Owner:																			
Project Name: Project Name:																			
Project Location: Project Location:																			
Sampler Name: Sampler Name:																			
FOR LAB USE ONLY																			
Lab I.D.										Sample I.D.									
(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL CRUDE OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER: MATRIX PRESERV SAMPLING										DATE TIME 7-6-01 7:00 AM									
159001-2 TR										✓									
3 Jia Baerbr										✓									
4 husk										✓									
5 chag										✓									
6 WTT #2										✓									
7 AR										✓									
8 Kem										✓									
9 kedavale										✓									
10 skulls										✓									
11 WTT #1										✓									
12										✓									
RECEIVED BY: Date: 7-6-01 Time: 7:00 pm										RECEIVED BY: Date: 7-6-01 Time: 7:00 pm									
Relinquished By: Signature: <i>[Signature]</i>										Relinquished By: Signature: <i>[Signature]</i>									
Delivered By: (Circle One) Signature: <i>[Signature]</i>										Delivered By: (Circle One) Signature: <i>[Signature]</i>									
Sampler Relinquished: Signature: <i>[Signature]</i>										Sampler Relinquished: Signature: <i>[Signature]</i>									
Received By: (Lab Staff) Signature: <i>[Signature]</i>										Received By: (Lab Staff) Signature: <i>[Signature]</i>									
Checked By: Signature: <i>[Signature]</i>										Checked By: Signature: <i>[Signature]</i>									
Phone Result: ☐ Yes ☐ No										Phone Result: ☐ Yes ☐ No									
Fax Result: ☐ Yes ☐ No										Fax Result: ☐ Yes ☐ No									
Remarks:										Remarks:									

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

RECEIVED

Oil Conservation Division NOV 5 2001
1220 South St. Francis Dr. Environmental Bureau
Santa Fe, NM 87505 Oil Conservation Division

Form C-136
Revised March 17, 1995

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator Conoco, Inc.
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site Cedar Canyon
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter Hughes/ Steve Carter
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	New Mexico
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:

10-22-01B

Waste water generated by engine wash water, rain water run off, and lube oil leaked from compressor.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02.

Estimated Volume 300 bbls. cy Known Volume (to be entered by the operator at the end of the haul) 2122 cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

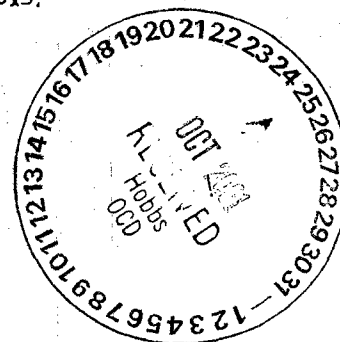
(This space for State Use)

APPROVED BY: [Signature] TITLE: Environmental Engineer DATE: 10-24-01
APPROVED BY: [Signature] TITLE: Environmental Geologist DATE: 11-5-01

CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"

COMPANY / GENERATOR Conoco, Inc. (NGGP)ADDRESS 921 W. Sanger, Hobbs, NM 88240GENERATING SITE Cedar CanyonCOUNTY Eddy STATE NMTYPE OF WASTE Oily Waste waterESTIMATED VOLUME 300 bbls.GENERATING PROCESS engine wash water, rain water
run off, lube oil leaked from compressor.REMARKS For all shipments through 10-31-02NMOCD FACILITY Controlled Recovery, Inc.TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.3.

AGENT Mark Bishop
SIGNATURENAME Mark Bishop
PRINTEDADDRESS 921 W. SangerHobbs, NM 88240DATE 10-16-01



CARDINAL LABORATORIES

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/11/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5970-17
Sample ID: CEDAR CANYON

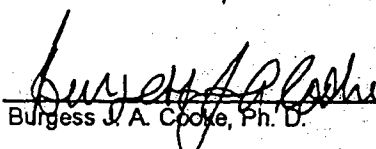
Analysis Date: 07/09/01
Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5970-17	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.025	<0.005	0.108	108	0.100
1,1-Dichloroethylene	0.7	<0.025	<0.005	0.095	95	0.100
Methyl Ethyl Ketone	200	4.45	<0.050	0.110	110	0.100
Chloroform	6.0	0.030	<0.005	0.091	91	0.100
1,2-Dichloroethane	0.5	<0.025	<0.005	0.098	98	0.100
Benzene	0.5	0.104	<0.005	0.098	98	0.100
Carbon Tetrachloride	0.5	<0.025	<0.005	0.110	110	0.100
Trichloroethylene	0.5	<0.025	<0.005	0.103	103	0.100
Tetrachloroethylene	0.7	<0.025	<0.005	0.100	100	0.100
Chlorobenzene	100	<0.025	<0.005	0.104	104	0.100
1,4-Dichlorobenzene	7.5	<0.025	<0.005	0.092	92	0.100

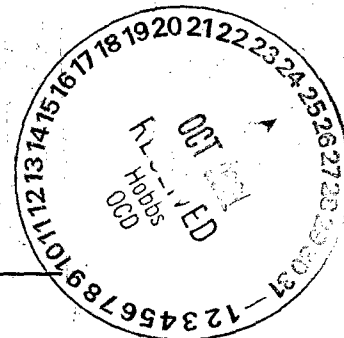
% RECOVERY

Dibromofluoromethane	104
Toluene-d8	96
Bromofluorobenzene	94

METHODS: EPA SW 846-8260, 1311


Burgess J. A. Cooke, Ph. D.

7/11/01
Date



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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/16/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5970-17
Sample ID: CEDAR CANYON

Extraction Date: 07/12/01
Analysis Date: 07/13/01
Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5970-17	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.100	<0.005	0.013	26	0.050
1,4-Dichlorobenzene	7.50	<0.100	<0.005	0.028	56	0.050
o-Cresol	200	<0.100	<0.005	0.034	68	0.050
m, p-Cresol	200	<0.100	<0.005	0.035	70	0.050
Hexachloroethane	3.00	<0.100	<0.005	0.024	48	0.050
Nitrobenzene	2.00	<0.100	<0.005	0.041	82	0.050
Hexachloro-1,3-butadiene	0.500	<0.100	<0.005	0.026	52	0.050
2,4,6-Trichlorophenol	2.00	<0.100	<0.005	0.035	70	0.050
2,4,5-Trichlorophenol	400	<0.100	<0.005	0.033	66	0.050
2,4-Dinitrotoluene	0.130	<0.100	<0.005	0.039	78	0.050
Hexachlorobenzene	0.130	<0.100	<0.005	0.041	82	0.050
Pentachlorophenol	100	<0.100	<0.005	0.036	72	0.050

% RECOVERY

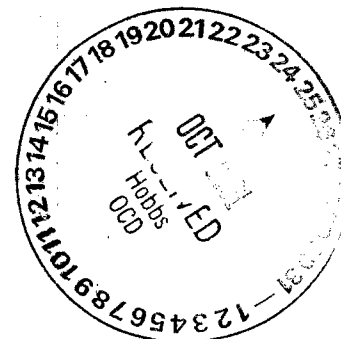
Fluorophenol	53
Phenol-d5	43
Nitrobenzene-d5	MI(31)
2-Fluorobiphenyl	90
2,4,6-Tribromophenol	84
Terphenyl-d14	101

METHODS: EPA SW 846-8270, 1311, 3510

MI=Matrix interference


Burgess J. A. Cooke, Ph. D.

7/16/01
Date



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ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/16/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH/BC

LAB NO. SAMPLE ID REACTIVITY
Sulfide Cyanide CORROSIVITY IGNITABILITY
(ppm) (ppm) (pH) (°F)

ANALYSIS DATE:	07/12/01	07/12/01	07/09/01	07/09/01
H5970-1 TT	Not reactive	Not reactive	5.32	>140
H5970-2 ZIA BOOSTER	Not reactive	Not reactive	6.56	>140
H5970-3 LUSK	Not reactive	Not reactive	5.13	>140
H5970-4 CHAVEZ	Not reactive	Not reactive	6.25	>140
H5970-5 WTT #2	Not reactive	Not reactive	5.12	>140
H5970-8 REDLAKE	Not reactive	Not reactive	6.95	>140
H5970-9 SKELLY	Not reactive	Not reactive	6.48	>140
H5970-10 WTT #1	Not reactive	Not reactive	5.29	>140
H5970-11 CL	Not reactive	Not reactive	5.21	>140
H5970-15* PARDUE	Not reactive	Not reactive	5.14	92
H5970-17** CEDAR CANYON	Not reactive	Not reactive	5.21	>140
H5970-18** RAMSEY	Not reactive	Not reactive	6.70	>140
H5970-19** STATELINE	Not reactive	Not reactive	6.87	>140
Quality Control	NR	NR	6.98	NR
True Value QC	NR	NR	7.00	NR
% Recovery	NR	NR	99.7	NR
Relative Percent Difference	NR	NR	0.1	NR

METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261

*Reactivities determined on 07/13/01.

**Reactivities determined on 07/16/01.

Chemist

Date

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ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/12/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH/GP

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:		07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:		5	5	100	1	5	5	0.2	1
H5970-1	TT	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-2	ZIA BOOSTER	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-3	LUSK	<1	<1	<5	<0.1	<1	<2	<0.02	<0.1
H5970-4	CHAVEZ	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-5	WTT #2	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-8	REDLAKE	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-9	SKELLY	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-10	WTT #1	<1	<1	<5	<0.1	<1	<2	<0.02	<0.1
H5970-11	CL	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-15	PARDUE	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-17	CEDAR CANYON	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-18	RAMSEY	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-19	STATELINE	<1	<1	<5	<0.2	<2	<1	<0.02	<0.1
Quality Control		0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC		0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery		104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference		1.8	0.1	4.0	0.6	1.0	4.0	10.8	1.2

METHODS: EPA 1311, 600/4-79-02	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
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Chemist

Date

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District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr. Environmental Bureau
Santa Fe, NM 87505 Oil Conservation Division

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NOV 15 2001

Form C-138
Revised March 17, 1995
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 ☒	4. Generator Conoco, Inc. 5. Originating Site Red Lake
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter Hughes/ Steve Carter
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	New Mexico
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.	

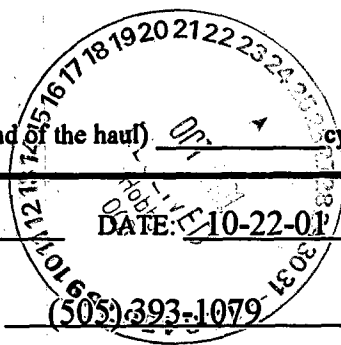
BRIEF DESCRIPTION OF MATERIAL:

10-22-01C

Waste water generated by engine wash water, rain water run off, and lube oil leaked from compressor.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02.

Estimated Volume 300 bbls. cy Known Volume (to be entered by the operator at the end of the haul) 0 cy
SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

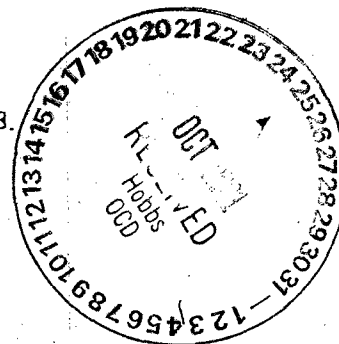


(This space for State Use)		
APPROVED BY: <u>[Signature]</u>	TITLE: <u>Environmental Officer</u>	DATE: <u>10-24-01</u>
APPROVED BY: <u>[Signature]</u>	TITLE: <u>Environmental Officer</u>	DATE: <u>11-5-01</u>

CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"

COMPANY / GENERATOR Conoco, Inc. (NGGP)ADDRESS 921 W. Sanger, Hobbs, NM 88240GENERATING SITE Red LakeCOUNTY Eddy STATE NMTYPE OF WASTE Oil Waste waterESTIMATED VOLUME 300 bbls.GENERATING PROCESS engine wash water, rain water
run off, lube oil leaked from compressor.REMARKS For all shipments through 10-31-02NMOCD FACILITY Controlled Recovery, Inc.TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 2613.

AGENT Mark Bishop
SIGNATURENAME Mark Bishop
PRINTEDADDRESS 921 W. SangerHobbs, NM 88240DATE 10-16-01



ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-8

Sample ID: REDLAKE

Analysis Date: 07/12/01

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

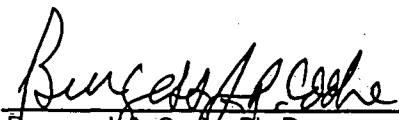
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5970-8	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.200	<0.005	0.013	26	0.050
1,4-Dichlorobenzene	7.50	<0.200	<0.005	0.028	56	0.050
o-Cresol	200	<0.200	<0.005	0.034	68	0.050
m, p-Cresol	200	<0.200	<0.005	0.035	70	0.050
Hexachloroethane	3.00	<0.200	<0.005	0.024	48	0.050
Nitrobenzene	2.00	<0.200	<0.005	0.041	82	0.050
Hexachloro-1,3-butadiene	0.500	<0.200	<0.005	0.026	52	0.050
2,4,6-Trichlorophenol	2.00	<0.200	<0.005	0.035	70	0.050
2,4,5-Trichlorophenol	400	<0.200	<0.005	0.033	66	0.050
2,4-Dinitrotoluene	0.130	<0.200	<0.005	0.039	78	0.050
Hexachlorobenzene	0.130	<0.200	<0.005	0.041	82	0.050
Pentachlorophenol	100	<0.200	<0.005	0.036	72	0.050

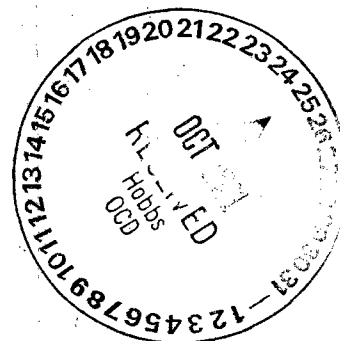
% RECOVERY

Fluorophenol	43
Phenol-d5	43
Nitrobenzene-d5	102
2-Fluorobiphenyl	77
2,4,6-Tribromophenol	87
Terphenyl-d14	95

METHODS: EPA SW 846-8270, 1311, 3510


Burgess J.A. Cooke, Ph. D.

2/16/01
Date



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ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/11/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-8

Sample ID: REDLAKE

Analysis Date: 07/09/01

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

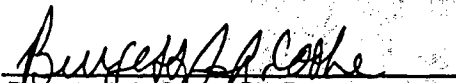
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5970-8	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.025	<0.005	0.108	108	0.100
1,1-Dichloroethylene	0.7	<0.025	<0.005	0.095	95	0.100
Methyl Ethyl Ketone	200	1.29	<0.050	0.110	110	0.100
Chloroform	6.0	0.059	<0.005	0.091	91	0.100
1,2-Dichloroethane	0.5	<0.025	<0.005	0.098	98	0.100
Benzene	0.5	0.082	<0.005	0.098	98	0.100
Carbon Tetrachloride	0.5	<0.025	<0.005	0.110	110	0.100
Trichloroethylene	0.5	<0.025	<0.005	0.103	103	0.100
Tetrachloroethylene	0.7	<0.025	<0.005	0.100	100	0.100
Chlorobenzene	100	<0.025	<0.005	0.104	104	0.100
1,4-Dichlorobenzene	7.5	<0.025	<0.005	0.092	92	0.100

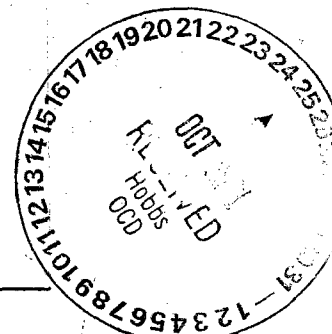
% RECOVERY

Dibromofluoromethane	89
Toluene-d8	103
Bromofluorobenzene	107

METHODS: EPA SW 846-8260, 1311


Burgess J. A. Cooke, Ph. D.

7/11/01
Date



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PHONE (505) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/12/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH/GP

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
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ANALYSIS DATE:		07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:		5	5	100	1	5	5	0.2	1
H5970-1	TT	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-2	ZIA BOOSTER	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-3	LUSK	<1	<1	<5	<0.1	<1	<2	<0.02	<0.1
H5970-4	CHAVEZ	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-5	WTT #2	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-8	REDLAKE	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-9	SKELLY	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-10	WTT #1	<1	<1	<5	<0.1	<1	<2	<0.02	<0.1
H5970-11	CL	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-15	PARDUE	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-17	CEDAR CANYON	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-18	RAMSEY	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-19	STATELINE	<1	<1	<5	<0.2	<2	<1	<0.02	<0.1
Quality Control		0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC		0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery		104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference		1.8	0.1	4.0	0.6	1.0	4.0	10.8	1.2

METHODS: EPA 1311, 600/4-79-02	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
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Chemist

Date

07/16/2001

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ARDINAL LABORATORIES

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/BC

REACTIVITY

LAB NO.	SAMPLE ID	Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
ANALYSIS DATE:		07/12/01	07/12/01	07/09/01	07/09/01
H5970-1	TT	Not reactive	Not reactive	5.32	>140
H5970-2	ZIA BOOSTER	Not reactive	Not reactive	6.56	>140
H5970-3	LUSK	Not reactive	Not reactive	5.13	>140
H5970-4	CHAVEZ	Not reactive	Not reactive	6.25	>140
H5970-5	WTT #2	Not reactive	Not reactive	5.12	>140
H5970-8	REDLAKE	Not reactive	Not reactive	6.95	>140
H5970-9	SKELLY	Not reactive	Not reactive	6.48	>140
H5970-10	WTT #1	Not reactive	Not reactive	5.29	>140
H5970-11	CL	Not reactive	Not reactive	5.21	>140
H5970-15*	PARDUE	Not reactive	Not reactive	5.14	92
H5970-17**	CEDAR CANYON	Not reactive	Not reactive	5.21	>140
H5970-18**	RAMSEY	Not reactive	Not reactive	6.70	>140
H5970-19**	STATELINE	Not reactive	Not reactive	6.87	>140
Quality Control		NR	NR	6.98	NR
True Value QC		NR	NR	7.00	NR
% Recovery		NR	NR	99.7	NR
Relative Percent Difference		NR	NR	0.1	NR

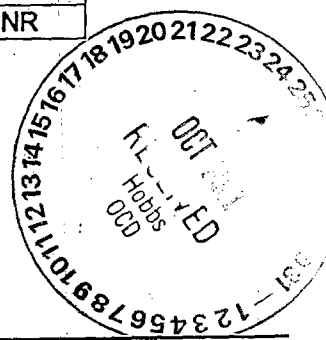
METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261

*Reactivities determined on 07/13/01.

**Reactivities determined on 07/16/01.

Chemist

Date



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2325 Fax (505) 393-2476

Page 1 of 1

BILL TO										ANALYSIS REQUEST									
Company Name: <u>Conoco Inc</u>										P.O. #:									
Project Manager: <u>Jeff Davis</u>										Company:									
Address: <u>P.O. Box 90</u>										Attn:									
City: <u>Maljamar</u>										Address:									
Phone #: <u>505 676 2401</u>										City:									
Project #: <u>Project Owner:</u>										State: <u>Zip:</u>									
Project Name:										Phone #:									
Project Location:										Fax #:									
Sampler Name:																			
FOR LAB USE ONLY																			
Lab I.D.										Sample I.D.									
H59001										7-6-01									
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District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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Form C-138
Revised March 17, 1995
NOV 5 2001
Submit Original
Plus 1 Copy
to Appropriate
Environmental Bureau
Oil Conservation Division District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒	4. Generator Conoco, Inc. 5. Originating Site Pardue 6. Transporter Hughes/ Steve Carter 8. State New Mexico
2. Management Facility Destination Controlled Recovery, Inc.	
3. Address of Facility Operator P.O. Box 388, Hobbs	
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	New Mexico
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.	

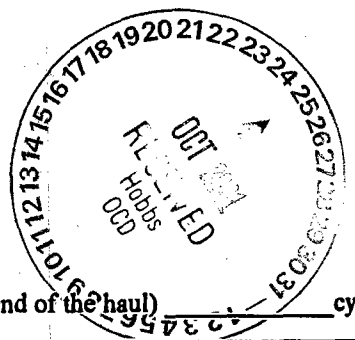
BRIEF DESCRIPTION OF MATERIAL:

10-22-01D

Waste water generated by engine wash water, rain water run off, and lube oil leaked from compressor.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02.

Resampled - IG.



Estimated Volume 300 bbls. cy Known Volume (to be entered by the operator at the end of the haul) cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

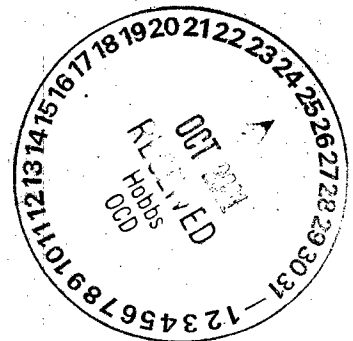
(This space for State Use)
APPROVED BY: [Signature] TITLE: Environmental Eng. DATE: 11-29-01
APPROVED BY: [Signature] TITLE: Environmental Keosylst DATE: 11-5-01

CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"

COMPANY / GENERATOR Conoco, Inc. (NGGP)
ADDRESS 921 W. Sanger, Hobbs, NM 88240
GENERATING SITE Pardue
COUNTY Eddy STATE NM
TYPE OF WASTE Oily Waste Water
ESTIMATED VOLUME 300 bbls.
GENERATING PROCESS engine wash water, rain water
run off, lube oil leaked from compressor.
REMARKS For all shipments through 10-31-02
NMOCD FACILITY Controlled Recovery, Inc.
TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.3.

AGENT Mark Bishop
SIGNATURE
NAME Mark Bishop
PRINTED
ADDRESS 921 W. Sanger
Hobbs, NM 88240
DATE 10-16-01





ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/11/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-15

Sample ID: PARDUE

Analysis Date: 07/09/01

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

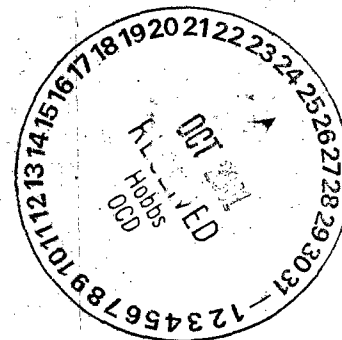
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5970-15	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.025	<0.005	0.108	108	0.100
1,1-Dichloroethylene	0.7	<0.025	<0.005	0.095	95	0.100
Methyl Ethyl Ketone	200	0.255	<0.050	0.110	110	0.100
Chloroform	6.0	<0.025	<0.005	0.091	91	0.100
1,2-Dichloroethane	0.5	<0.025	<0.005	0.098	98	0.100
Benzene	0.5	<0.025	<0.005	0.098	98	0.100
Carbon Tetrachloride	0.5	<0.025	<0.005	0.110	110	0.100
Trichloroethylene	0.5	<0.025	<0.005	0.103	103	0.100
Tetrachloroethylene	0.7	<0.025	<0.005	0.100	100	0.100
Chlorobenzene	100	<0.025	<0.005	0.104	104	0.100
1,4-Dichlorobenzene	7.5	<0.025	<0.005	0.092	92	0.100

% RECOVERY

Dibromofluoromethane	92
Toluene-d8	81
Bromofluorobenzene	45

METHODS: EPA SW 846-8260, 1311



Burgess J. A. Cooke
Burgess J. A. Cooke, Ph.D.

7/11/01
Date

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-15

Sample ID: PARDUE

Extraction Date: 07/12/01

Analysis Date: 07/13/01

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

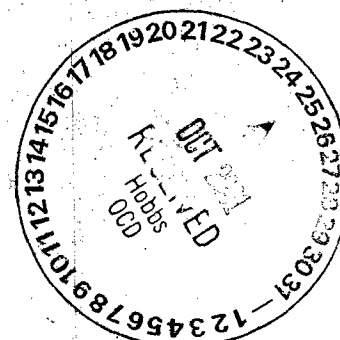
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5970-15	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.100	<0.005	0.013	26	0.050
1,4-Dichlorobenzene	7.50	<0.100	<0.005	0.028	56	0.050
o-Cresol	200	<0.100	<0.005	0.034	68	0.050
m, p-Cresol	200	<0.100	<0.005	0.035	70	0.050
Hexachloroethane	3.00	<0.100	<0.005	0.024	48	0.050
Nitrobenzene	2.00	<0.100	<0.005	0.041	82	0.050
Hexachloro-1,3-butadiene	0.500	<0.100	<0.005	0.026	52	0.050
2,4,6-Trichlorophenol	2.00	<0.100	<0.005	0.035	70	0.050
2,4,5-Trichlorophenol	400	<0.100	<0.005	0.033	66	0.050
2,4-Dinitrotoluene	0.130	<0.100	<0.005	0.039	78	0.050
Hexachlorobenzene	0.130	<0.100	<0.005	0.041	82	0.050
Pentachlorophenol	100	<0.100	<0.005	0.036	72	0.050

% RECOVERY

Fluorophenol	31
Phenol-d5	57
Nitrobenzene-d5	106
2-Fluorobiphenyl	90
2,4,6-Tribromophenol	84
Terphenyl-d14	101

METHODS: EPA SW 846-8270, 1311, 3510



Burgess J. A. Cooke
Burgess J. A. Cooke/Ph. D.

7/16/01
Date

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/BC

LAB NO.	SAMPLE ID	REACTIVITY			
		Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
ANALYSIS DATE:		07/12/01	07/12/01	07/09/01	07/09/01
H5970-1	TT	Not reactive	Not reactive	5.32	>140
H5970-2	ZIA BOOSTER	Not reactive	Not reactive	6.56	>140
H5970-3	LUSK	Not reactive	Not reactive	5.13	>140
H5970-4	CHAVEZ	Not reactive	Not reactive	6.25	>140
H5970-5	WTT #2	Not reactive	Not reactive	5.12	>140
H5970-8	REDLAKE	Not reactive	Not reactive	6.95	>140
H5970-9	SKELLY	Not reactive	Not reactive	6.48	>140
H5970-10	WTT #1	Not reactive	Not reactive	5.29	>140
H5970-11	CL	Not reactive	Not reactive	5.21	>140
H5970-15*	PARDUE	Not reactive	Not reactive	5.14	92
H5970-17**	CEDAR CANYON	Not reactive	Not reactive	5.21	>140
H5970-18**	RAMSEY	Not reactive	Not reactive	6.70	>140
H5970-19**	STATELINE	Not reactive	Not reactive	6.87	>140
Quality Control		NR	NR	6.98	NR
True Value QC		NR	NR	7.00	NR
% Recovery		NR	NR	99.7	NR
Relative Percent Difference		NR	NR	0.1	NR

METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261

*Reactivities determined on 07/13/01.

**Reactivities determined on 07/16/01.

Chemist

Date

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PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/12/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/GP

TCLP METALS

LAB NUMBER SAMPLE ID

As ppm Ag ppm Ba ppm Cd ppm Cr ppm Pb ppm Hg ppm Se ppm

ANALYSIS DATE:	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:	5	5	100	1	5	5	0.2	1
H5970-1 TT	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-2 ZIA BOOSTER	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-3 LUSK	<1	<1	<5	<0.1	<1	<2	<0.02	<0.1
H5970-4 CHAVEZ	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-5 WTT #2	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-8 REDLAKE	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-9 SKELLY	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-10 WTT #1	<1	<1	<5	<0.1	<1	<2	<0.02	<0.1
H5970-11 CL	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-15 PARDUE	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-17 CEDAR CANYON	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-18 RAMSEY	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-19 STATELINE	<1	<1	<5	<0.2	<2	<1	<0.02	<0.1
Quality Control	0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC	0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery	104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference	1.8	0.1	4.0	0.6	1.0	4.0	10.8	

METHODS: EPA 1311, 600/4-79-02	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
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Chemist

Date

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LABORATORIES**

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**ANALYTICAL RESULTS FOR
CONOCO, INC.**

ATTN: JEFF DRIVER

923 W. SANGER

HOBBS, NM 88240

FAX TO: (505) 676-2401

Receiving Date: 08/24/01

Reporting Date: 08/29/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Analysis Date: 08/29/01

Sampling Date: 08/23/01

Sample Type: LIQUID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: BC

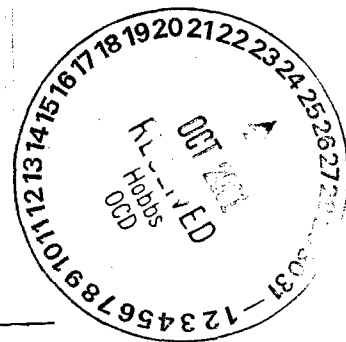
Used lube oil

LAB NUMBER	SAMPLE ID	IGNITABILITY (°F)
H6107-1	USED LUBE OIL-PURE GOLD	>140
H6107-2	PARDUE-WASTEWATER	>140
Quality Control		NR
True Value QC		NR
% Accuracy		NR
Relative Percent Difference		NR

METHOD: SW 846-1010

Burton J. Cashe
Chemist

8/29/01
Date



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Jon Kizer 631-6112

Jon Kizer

Page 1 of 1

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.



2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240

(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page 2 of 3

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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1000 Rio Brazos Road, Aztec, NM 87410
District IV
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State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

NOV 5 2001

Environmental Bureau
Oil Conservation Division

Form C-138
Revised March 17, 1995

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

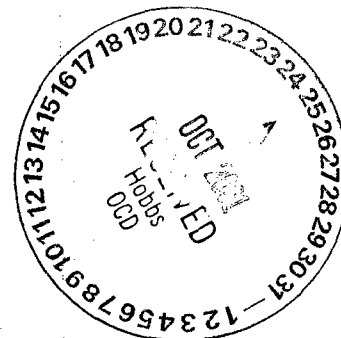
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒	4. Generator Conoco, Inc. 5. Originating Site Turkey Track (TT) 6. Transporter Hughes/ Steve Carter 8. State New Mexico New Mexico
2. Management Facility Destination Controlled Recovery, Inc.	
3. Address of Facility Operator P.O. Box 388, Hobbs	
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	
9. <u>Circle 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-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:

10-22-01E

Waste water generated by engine wash water, rain water run off, and lube oil leaked from compressor.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02.



Estimated Volume 300 bbls. cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

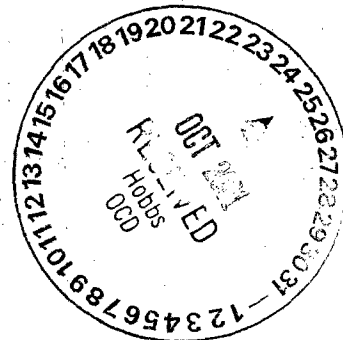
(This space for State Use)

APPROVED BY [Signature] TITLE: Environmental Engineer DATE: 10-29-01
APPROVED BY [Signature] TITLE: Environmental Geologist DATE: 11-5-01

**CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"**

COMPANY / GENERATOR Conoco, Inc. (NGGP)ADDRESS 921 W. Sanger, Hobbs, NM 88240GENERATING SITE Trukey Track (TT)COUNTY Eddy STATE NMTYPE OF WASTE Oil Waste waterESTIMATED VOLUME 300 bbls.GENERATING PROCESS engine wash water, rain waterrun off, lube oil leaked from compressor.REMARKS For all shipments through 10-31-02NMOCD FACILITY Controlled Recovery, Inc.TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 2613.

AGENT Mark Bishop
SIGNATURENAME Mark Bishop
PRINTEDADDRESS 921 W. SangerHobbs, NM 88240DATE 10-16-01



CARDINAL LABORATORIES

PHONE (815) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-1

Sample ID: TT

Extraction Date: 07/10/01

Analysis Date: 07/12/01

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

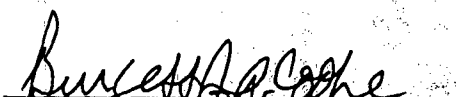
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5970-1	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.100	<0.005	0.019	38	0.050
1,4-Dichlorobenzene	7.50	<0.100	<0.005	0.032	64	0.050
o-Cresol	200	<0.100	<0.005	0.035	70	0.050
m, p-Cresol	200	<0.100	<0.005	0.040	80	0.050
Hexachloroethane	3.00	<0.100	<0.005	0.026	52	0.050
Nitrobenzene	2.00	<0.100	<0.005	0.043	86	0.050
Hexachloro-1,3-butadiene	0.500	<0.100	<0.005	0.030	60	0.050
2,4,6-Trichlorophenol	2.00	<0.100	<0.005	0.045	90	0.050
2,4,5-Trichlorophenol	400	<0.100	<0.005	0.045	90	0.050
2,4-Dinitrotoluene	0.130	<0.100	<0.005	0.046	92	0.050
Hexachlorobenzene	0.130	<0.100	<0.005	0.047	94	0.050
Pentachlorophenol	100	<0.100	<0.005	0.045	90	0.050

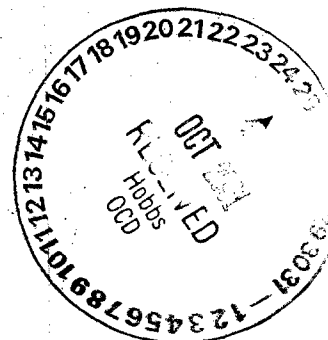
% RECOVERY

Fluorophenol	45
Phenol-d5	37
Nitrobenzene-d5	90
2-Fluorobiphenyl	78
2,4,6-Tribromophenol	89
Terphenyl-d14	92

METHODS: EPA SW 846-8270, 1311, 3510


Burgess D. A. Cooke, Ph. D.

7/16/01
Date



PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



ARDINAL LABORATORIES

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/07/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5970-1
Sample ID: TT

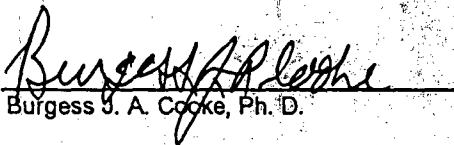
Analysis Date: 07/06/01
Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5970-1	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.025	<0.005	0.110	110	0.100
1,1-Dichloroethylene	0.7	<0.025	<0.005	0.099	99	0.100
Methyl Ethyl Ketone	200	1.20	<0.050	0.099	99	0.100
Chloroform	6.0	<0.025	<0.005	0.101	101	0.100
1,2-Dichloroethane	0.5	<0.025	<0.005	0.113	113	0.100
Benzene	0.5	0.079	<0.005	0.104	104	0.100
Carbon Tetrachloride	0.5	<0.025	<0.005	0.090	90	0.100
Trichloroethylene	0.5	<0.025	<0.005	0.102	102	0.100
Tetrachloroethylene	0.7	<0.025	<0.005	0.085	85	0.100
Chlorobenzene	100	<0.025	<0.005	0.096	96	0.100
1,4-Dichlorobenzene	7.5	<0.025	<0.005	0.085	85	0.100

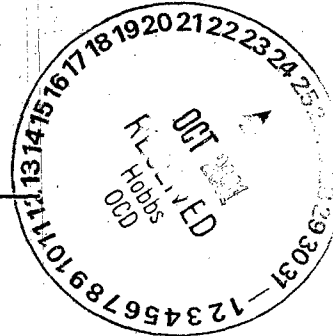
% RECOVERY

Dibromofluoromethane	89
Toluene-d8	93
Bromofluorobenzene	94

METHODS: EPA SW 846-8260, 1311


Burgess J. A. Cooke, Ph. D.

7/7/01
Date



PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/12/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/GP

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:		07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:		5	5	100	1	5	5	0.2	1
H5970-1	TT	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-2	ZIA BOOSTER	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-3	LUSK	<1	<1	<5	<0.1	<1	<2	<0.02	<0.1
H5970-4	CHAVEZ	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-5	WTT #2	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-8	REDLAKE	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-9	SKELLY	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-10	WTT #1	<1	<1	<5	<0.1	<1	<2	<0.02	<0.1
H5970-11	CL	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-15	PARDUE	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-17	CEDAR CANYON	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-18	RAMSEY	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-19	STATELINE	<1	<1	<5	<0.2	<2	<1	<0.02	<0.1
Quality Control		0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC		0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery		104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference		1.8	0.1	4.0	0.6	1.0	4.0	10.8	1.2

METHODS: EPA 1311, 600/4-79-02	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
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Chemist

Date

07/16/2001

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ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/BC

REACTIVITY

LAB NO.	SAMPLE ID	Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
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ANALYSIS DATE:		07/12/01	07/12/01	07/09/01	07/09/01
H5970-1	TT	Not reactive	Not reactive	5.32	>140
H5970-2	ZIA BOOSTER	Not reactive	Not reactive	6.56	>140
H5970-3	LUSK	Not reactive	Not reactive	5.13	>140
H5970-4	CHAVEZ	Not reactive	Not reactive	6.25	>140
H5970-5	WTT #2	Not reactive	Not reactive	5.12	>140
H5970-8	REDLAKE	Not reactive	Not reactive	6.95	>140
H5970-9	SKELLY	Not reactive	Not reactive	6.48	>140
H5970-10	WTT #1	Not reactive	Not reactive	5.29	>140
H5970-11	CL	Not reactive	Not reactive	5.21	>140
H5970-15*	PARDUE	Not reactive	Not reactive	5.14	92
H5970-17**	CEDAR CANYON	Not reactive	Not reactive	5.21	>140
H5970-18**	RAMSEY	Not reactive	Not reactive	6.70	>140
H5970-19**	STATELINE	Not reactive	Not reactive	6.87	>140
Quality Control		NR	NR	6.98	NR
True Value QC		NR	NR	7.00	NR
% Recovery		NR	NR	99.7	NR
Relative Percent Difference		NR	NR	0.1	NR

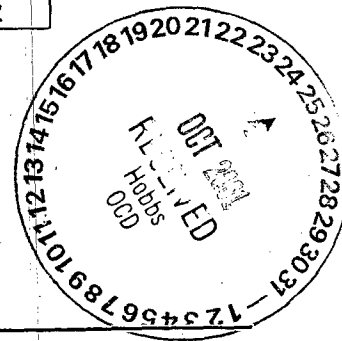
METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261

*Reactivities determined on 07/13/01.

**Reactivities determined on 07/16/01.

Chemist

Date



PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims on or after the date of negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1995
RECEIVED

NOV 05 2001

Environmental Bureau
Oil Conservation Division

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

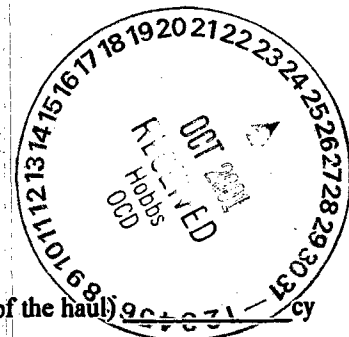
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒	4. Generator Conoco, Inc. 5. Originating Site Gramma Ridge #2
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter Hughes/ Steve Carter
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	New Mexico
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:

10-22-01F

Waste water generated by engine wash water, rain water run off, and lube oil leaked from compressor.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02.



Estimated Volume 300 bbls. cy Known Volume (to be entered by the operator at the end of the haul) 300 bbls. cy

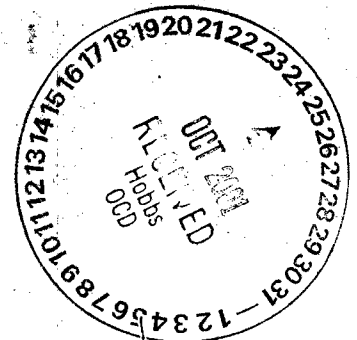
SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)		
APPROVED BY: <u>[Signature]</u>	TITLE: <u>Environmental Bureau</u>	DATE: <u>10-29-01</u>
APPROVED BY: <u>[Signature]</u>	TITLE: <u>Environmental Bureau</u>	DATE: <u>11-05-01</u>

CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"

COMPANY / GENERATOR Conoco, Inc. (NGGP)ADDRESS 921 W. Sanger, Hobbs, NM 88240GENERATING SITE Gramma Ridge #2COUNTY Lea STATE NMTYPE OF WASTE Oily Waste waterESTIMATED VOLUME 300 bbls.GENERATING PROCESS engine wash water, rain water
run off, lube oil leaked from compressorREMARKS For all shipments through 10-31-02NMOCD FACILITY Controlled Recovery, Inc.TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 2613.

AGENT Mark Bishop
SIGNATURENAME Mark Bishop
PRINTEDADDRESS 921 W. SangerHobbs, NM 88240DATE 10-16-01



ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: KEITH PRICE

921 WEST SANGER

HOBBS, NM 88240

FAX TO: (505) 393-5493

Receiving Date: 07/06/01

Reporting Date: 07/11/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5967-3

Sample ID: GRAMMA RIDGE #2

Analysis Date: 07/10/01

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

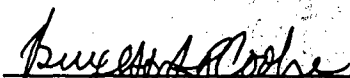
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5967-3	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.050	<0.005	0.019	38	0.050
1,4-Dichlorobenzene	7.50	<0.050	<0.005	0.032	64	0.050
o-Cresol	200	<0.050	<0.005	0.035	70	0.050
m, p-Cresol	200	<0.050	<0.005	0.040	80	0.050
Hexachloroethane	3.00	<0.050	<0.005	0.026	52	0.050
Nitrobenzene	2.00	<0.050	<0.005	0.043	86	0.050
Hexachloro-1,3-butadiene	0.500	<0.050	<0.005	0.030	60	0.050
2,4,6-Trichlorophenol	2.00	<0.050	<0.005	0.045	90	0.050
2,4,5-Trichlorophenol	400	<0.050	<0.005	0.045	90	0.050
2,4-Dinitrotoluene	0.130	<0.050	<0.005	0.046	92	0.050
Hexachlorobenzene	0.130	<0.050	<0.005	0.047	94	0.050
Pentachlorophenol	100	<0.050	<0.005	0.045	90	0.050

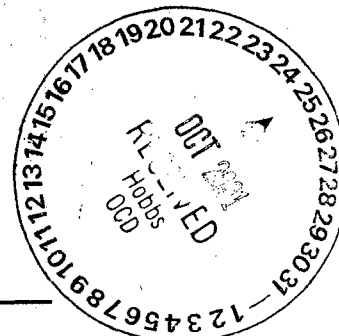
% RECOVERY

Fluorophenol	64
Phenol-d5	47
Nitrobenzene-d5	78
2-Fluorobiphenyl	82
2,4,6-Tribromophenol	86
Terphenyl-d14	85

METHODS: EPA SW 846-8270, 1311, 3510


Burgess J. A. Cooke, Ph. D.

7/11/01
Date



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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: KEITH PRICE
921 WEST SANGER
HOBBS, NM 88240
FAX TO: (505) 393-5493

Receiving Date: 07/06/01
Reporting Date: 07/07/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5967-3
Sample ID: GRAMMA RIDGE #2

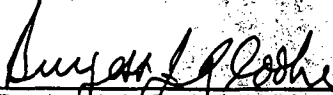
Analysis Date: 07/06/01
Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5967-3	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.005	<0.005	0.110	110	0.100
1,1-Dichloroethylene	0.7	<0.005	<0.005	0.099	99	0.100
Methyl Ethyl Ketone	200	0.230	<0.050	0.099	99	0.100
Chloroform	6.0	<0.005	<0.005	0.101	101	0.100
1,2-Dichloroethane	0.5	<0.005	<0.005	0.113	113	0.100
Benzene	0.5	0.053	<0.005	0.104	104	0.100
Carbon Tetrachloride	0.5	<0.005	<0.005	0.090	90	0.100
Trichloroethylene	0.5	<0.005	<0.005	0.102	102	0.100
Tetrachloroethylene	0.7	<0.005	<0.005	0.085	85	0.100
Chlorobenzene	100	<0.005	<0.005	0.096	96	0.100
1,4-Dichlorobenzene	7.5	<0.005	<0.005	0.085	85	0.100

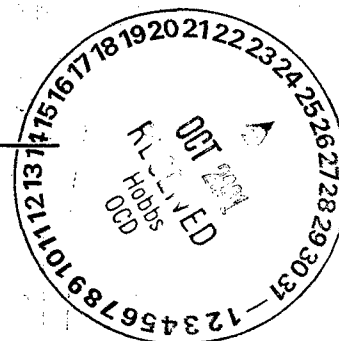
% RECOVERY

Dibromofluoromethane	92
Toluene-d8	94
Bromofluorobenzene	86

METHODS: EPA SW 846-8260, 1311


Burgess J. A. Cooke, Ph. D.

7/7/01
Date



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ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: KEITH PRICE
921 W. SANGER
HOBBS, NM 88240
FAX TO: (505) 393-5493

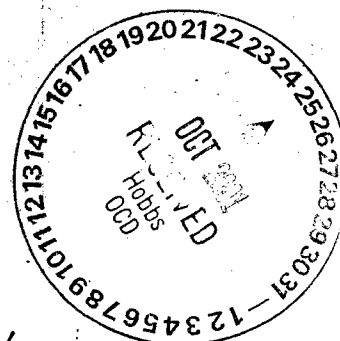
Receiving Date: 07/06/01
Reporting Date: 07/16/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH/GP

LAB NO.	SAMPLE ID	REACTIVITY			
		Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)

ANALYSIS DATE:	07/10/01	07/10/01	07/10/01	07/12/01
H5967-1 ANTELOPE RIDGE	Not reactive	Not reactive	9.57	>140
H5967-2 GRAMMA RIDGE #1	Not reactive	Not reactive	5.82	>140
H5967-3 GRAMMA RIDGE #2	Not reactive	Not reactive	5.64	>140
Quality Control	NR	NR	6.96	NR
True Value QC	NR	NR	7.00	NR
% Recovery	NR	NR	99.4	NR
Relative Percent Difference	NR	NR	0.3	NR

METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261



Chemist

07/17/2001
Date

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR

CONOCO, INC.

ATTN: KEITH PRICE

921 W. SANGER

HOBBS, NM 88240

FAX TO: (505) 393-5493

Receiving Date: 07/06/01

Reporting Date: 07/12/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/GP

TCLP METALS

LAB NUMBER SAMPLE ID

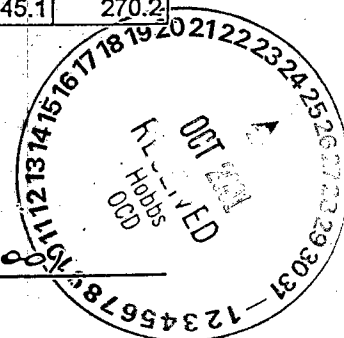
As ppm Ag ppm Ba ppm Cd ppm Cr ppm Pb ppm Hg ppm Se ppm

ANALYSIS DATE:	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:	5	5	100	1	5	5	0.2	1
H5967-1 ANTELOPE RIDGE	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5967-2 GRAMMA RIDGE #1	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5967-3 GRAMMA RIDGE #2	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
Quality Control	0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC	0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery	104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference	1.8	0.1	4.0	0.6	1.0	4.0	10.8	1.2

METHODS: EPA 1311, 600/4-79-02	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
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Chemist

Date



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ARDINAL LABORATORIES, INC.

**22111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476**

Page of

ANALYSIS REQUEST									
Company Name: CONOCO INC Project Manager: Address: 921 West Sanger City: Hobbs State: NM Zip: 88240 Phone #: (505) 393-2163 Fax #: (505) 393-5493 Project #: Project Owner:					BILL TO P.O. #: Company: Conquest, Inc Attn: Jeff Driver Address: P.O. Box 9 City: Mullan State: NM Zip: 88264 Phone #: Fax #:				
Project Name: Project Location: Sampler Name: Keith Price					Matrix ☐ GROUNDWATER ☐ WASTEWATER ☐ SOIL ☐ CRUDE OIL ☐ SLUDGE ☐ OTHER:				
Lab I.D. ANTELOPE RIDGE GRAMMA RIDGE #1 GRAMMA RIDGE #2					Preserv ☐ ACID/BASE ☐ ICE/COOL ☐ OTHER:				
Sample I.D. ANTELOPE RIDGE GRAMMA RIDGE #1 GRAMMA RIDGE #2					Sampling DATE 7-6-01 9:00 7-6-01 10:40 7-6-01 11:00 TIME				
FOR LAB USE ONLY Received By: Date: 7/6/01 Time: 12:30									
Remarks: Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of billing, and all costs of collection, including attorney's fees.									
Delivered By: (Circle One) Sampler - UPS - Bus - Other:					Phone Result: ☐ Yes ☐ No Fax Result: ☐ Yes ☐ No Additional Phone #: Additional Fax #:				

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

Form C-138
Revised March 17, 1995

NOV 15 2001

Environmental Bureau
Oil Conservation Division

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

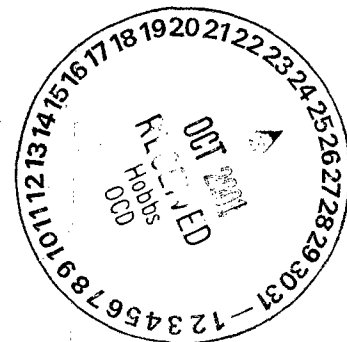
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒	4. Generator Conoco, Inc.
2. Management Facility Destination Controlled Recovery, Inc.	5. Originating Site Gramma Ridge #1
3. Address of Facility Operator P.O. Box 388, Hobbs	6. Transporter Hughes/ Steve Carter
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	8. State New Mexico
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:

10-22-01G

Waste water generated by engine wash water, rain water run off, and lube oil leaked from compressor.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02.



Estimated Volume 400 gallons cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE Bookkeeper DATE 10-22-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: [Signature] TITLE Environmental Engineer DATE 11-29-01

APPROVED BY: [Signature] TITLE Environmental Geologist DATE 11-5-01

CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"

COMPANY / GENERATOR Conoco Inc. (NGGP)

ADDRESS 921 W Sanger, Hobbs NM

GENERATING SITE Drama Compressor #1

COUNTY Lea STATE NM

TYPE OF WASTE Oily Waste water

ESTIMATED VOLUME 400 Barrels

GENERATING PROCESS engine wash water,
rainwater runoff, lube oil leaked from Compressor

REMARKS For all shipments through 10-31-02

NMOCD FACILITY Controlled Recovery Inc

TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.3.

AGENT Mark Bishop

SIGNATURE

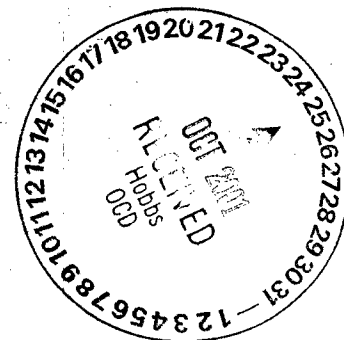
NAME Mark Bishop

PRINTED

ADDRESS 921 W Sanger

Hobbs, NM 88240

DATE 7-30-01





ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: KEITH PRICE
921 WEST SANGER
HOBBS, NM 88240
FAX TO: (505) 393-5493

Receiving Date: 07/06/01
Reporting Date: 07/07/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5967-2
Sample ID: GRAMMA RIDGE #1

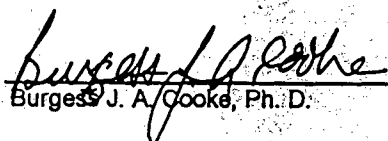
Analysis Date: 07/06/01
Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5967-2	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.005	<0.005	0.110	110	0.100
1,1-Dichloroethylene	0.7	<0.005	<0.005	0.099	99	0.100
Methyl Ethyl Ketone	200	0.434	<0.050	0.099	99	0.100
Chloroform	6.0	<0.005	<0.005	0.101	101	0.100
1,2-Dichloroethane	0.5	<0.005	<0.005	0.113	113	0.100
Benzene	0.5	0.132	<0.005	0.104	104	0.100
Carbon Tetrachloride	0.5	<0.005	<0.005	0.090	90	0.100
Trichloroethylene	0.5	<0.005	<0.005	0.102	102	0.100
Tetrachloroethylene	0.7	<0.005	<0.005	0.085	85	0.100
Chlorobenzene	100	<0.005	<0.005	0.096	96	0.100
1,4-Dichlorobenzene	7.5	<0.005	<0.005	0.085	85	0.100

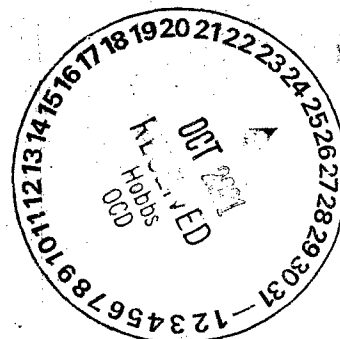
% RECOVERY

Dibromofluoromethane	98
Toluene-d8	99
Bromofluorobenzene	103

METHODS: EPA SW 846-8260, 1311


Burgess J. A. Cooke, Ph.D.

7/7/01
Date





ARDINAL LABORATORIES

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: KEITH PRICE
921 WEST SANGER
HOBBS, NM 88240
FAX TO: (505) 393-5493

Receiving Date: 07/06/01
Reporting Date: 07/11/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5967-2
Sample ID: GRAMMA RIDGE #1

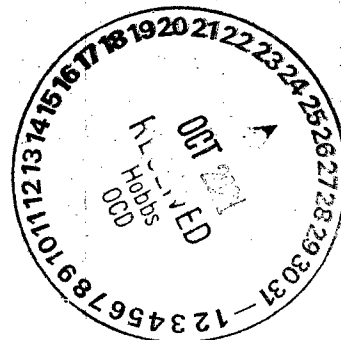
Analysis Date: 07/10/01
Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5967-2	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.050	<0.005	0.019	38	0.050
1,4-Dichlorobenzene	7.50	<0.050	<0.005	0.032	64	0.050
o-Cresol	200	<0.050	<0.005	0.035	70	0.050
m, p-Cresol	200	<0.050	<0.005	0.040	80	0.050
Hexachloroethane	3.00	<0.050	<0.005	0.026	52	0.050
Nitrobenzene	2.00	<0.050	<0.005	0.043	86	0.050
Hexachloro-1,3-butadiene	0.500	<0.050	<0.005	0.030	60	0.050
2,4,6-Trichlorophenol	2.00	<0.050	<0.005	0.045	90	0.050
2,4,5-Trichlorophenol	400	<0.050	<0.005	0.045	90	0.050
2,4-Dinitrotoluene	0.130	<0.050	<0.005	0.046	92	0.050
Hexachlorobenzene	0.130	<0.050	<0.005	0.047	94	0.050
Pentachlorophenol	100	<0.050	<0.005	0.045	90	0.050

% RECOVERY

Fluorophenol	63
Phenol-d5	47
Nitrobenzene-d5	65
2-Fluorobiphenyl	73
2,4,6-Tribromophenol	72
Terphenyl-d14	72

METHODS: EPA SW 846-8270, 1311, 3510



Burgess J. A. Cooke, Ph. D.

7/11/01
Date

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PHONE (505) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: KEITH PRICE

921 W. SANGER

HOBBS, NM 88240

FAX TO: (505) 393-5493

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/GP

REACTIVITY

LAB NO. SAMPLE ID

Sulfide
(ppm)

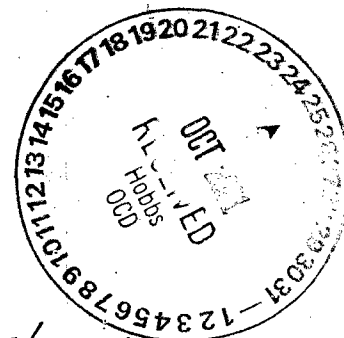
Cyanide
(ppm)

CORROSIVITY
(pH)

IGNITABILITY
(°F)

ANALYSIS DATE:	07/10/01	07/10/01	07/10/01	07/12/01
H5967-1 ANTELOPE RIDGE	Not reactive	Not reactive	9.57	>140
H5967-2 GRAMMA RIDGE #1	Not reactive	Not reactive	5.82	>140
H5967-3 GRAMMA RIDGE #2	Not reactive	Not reactive	5.64	>140
Quality Control	NR	NR	6.96	NR
True Value QC	NR	NR	7.00	NR
% Recovery	NR	NR	99.4	NR
Relative Percent Difference	NR	NR	0.3	NR

METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261



Chemist

Date

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: KEITH PRICE

921 W. SANGER

HOBBS, NM 88240

FAX TO: (505) 393-5493

Receiving Date: 07/06/01
Reporting Date: 07/12/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH/GP

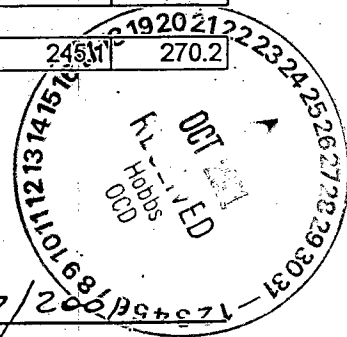
TCLP METALS

LAB NUMBER SAMPLE ID

As ppm Ag ppm Ba ppm Cd ppm Cr ppm Pb ppm Hg ppm Se ppm

ANALYSIS DATE:	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:	5	5	100	1	5	5	0.2	1
H5967-1 ANTELOPE RIDGE	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5967-2 GRAMMA RIDGE #1	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5967-3 GRAMMA RIDGE #2	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
Quality Control	0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC	0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery	104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference	1.8	0.1	4.0	0.6	1.0	4.0	10.8	1.2

METHODS: EPA 1311, 800/4-78-02	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
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Bayle R. Otter
Chemist

07/17/2001
Date

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page of

CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Company Name: CONOCO INC		Project Manager: Keith Price		P.O. #:		ANALYSIS REQUEST	
Address: 921 West Sanger		City: Hobbs		State: NM		Zip: 88240	
Phone #: (505) 393-2133		Fax #: (505) 393-5453		Project #: 2133		Project Owner: Keith Price	
Project Name: ANTelope RIGGE #1		Project Location: 23 GRAMMA RIGGE #1		Project Name: ANTelope RIGGE #2		Project Location: 23 GRAMMA RIGGE #2	
Sampler Name: Keith Price		Phone #: 505 393 2133		Fax #: 505 393 5453		Project #: 2133	

Lab I.D.	Sample I.D.	# CONTAINERS	MATRIX				PRESERV		DATE	TIME
			GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:		
		4							7-6-01	9:00
		4							7-6-01	10:40
		4							7-6-01	11:00

PLEASE NOTE: Utility and Damages. Cardinal's liability and client's obligation remain for any chain custody matter based in contract or tort, shall be limited to the amount paid by the client for the services. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services furnished by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Sample Acquired By: Keith Price		Date: 7/6/01		Time: 12:30		Received By: (Lab Staff)	
Delivered By: (Circle One)		Sampler - UPS - Bus - Other:		Sample Condition		Checked By: (Initials)	
				Cool Intact		Cool Intact	
				Yes ☒ No ☐		Yes ☒ No ☐	
Phone Result: ☐ Yes ☐ No ☐		Fax Result: ☐ Yes ☐ No ☐		Add'l Phone #: ☐ Yes ☐ No ☐		Add'l Fax #: ☐ Yes ☐ No ☐	
REMARKS:							

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

NOV 05 2001

Environmental Bureau

Oil Conservation Division

Form C-138
Revised March 17, 1995

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 ☒	4. Generator Conoco, Inc.
2. Management Facility Destination Controlled Recovery, Inc.	5. Originating Site Chavez Compresso
3. Address of Facility Operator P.O. Box 388, Hobbs	6. Transporter Hughes/Steve Carter
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	8. State New Mexico
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:

10-22-01H

Waste water generated by engine wash water, rain water run off, and lube oil leaked from compressor.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02.

Estimated Volume 750 gallons cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: [Signature] TITLE: Environmental Engineer DATE: 10-29-01

APPROVED BY: [Signature] TITLE: Environmental Geologist DATE: 11-5-01

CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"

COMPANY / GENERATOR Conoco Inc. (NGGP)

ADDRESS 921 W Sanger, Hobbs NM

GENERATING SITE Chavis Compressor

COUNTY Chavis STATE NM

TYPE OF WASTE Oil Waste water

ESTIMATED VOLUME 750 Gallons

GENERATING PROCESS engine wash water,
rainwater runoff, lube oil leaked from Compressor

REMARKS For all shipments through 10-31-02

NMOCD FACILITY Controlled Recovery Inc

TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.3.

AGENT Mark Bishop

SIGNATURE

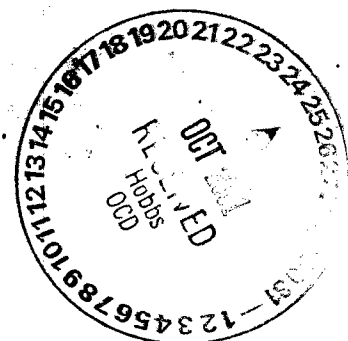
NAME Mark Bishop

PRINTED

ADDRESS 921 W Sanger

Hobbs, NM 88240

DATE 7-30-01





ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/12/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH/GP

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
------------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

ANALYSIS DATE:	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:	5	5	100	1	5	5	0.2	1
H5970-1 TT	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-2 ZIA BOOSTER	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-3 LUSK	<1	<1	<5	<0.1	<1	<2	<0.02	<0.1
H5970-4 CHAVEZ	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-5 WTT #2	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-8 REDLAKE	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-9 SKELLY	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-10 WTT #1	<1	<1	<5	<0.1	<1	<2	<0.02	<0.1
H5970-11 CL	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-15 PARDUE	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-17 CEDAR CANYON	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-18 RAMSEY	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-19 STATELINE	<1	<1	<5	<0.2	<2	<1	<0.02	<0.1
Quality Control	0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC	0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery	104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference	1.8	0.1	4.0	0.6	1.0	4.0	10.8	1.2

METHODS: EPA 1311, 600/4-79-02	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
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Chemist

Date

07/16/2001

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

FAX TO: (505) 676-2401

Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH/BC

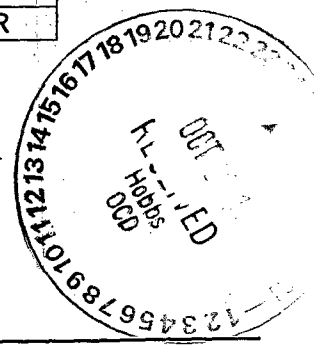
LAB NO.	SAMPLE ID	Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
---------	-----------	------------------	------------------	---------------------	----------------------

ANALYSIS DATE:	07/12/01	07/12/01	07/09/01	07/09/01
H5970-1 TT	Not reactive	Not reactive	5.32	>140
H5970-2 ZIA BOOSTER	Not reactive	Not reactive	6.56	>140
H5970-3 LUSK	Not reactive	Not reactive	5.13	>140
H5970-4 CHAVEZ	Not reactive	Not reactive	6.25	>140
H5970-5 WTT #2	Not reactive	Not reactive	5.12	>140
H5970-8 REDLAKE	Not reactive	Not reactive	6.95	>140
H5970-9 SKELLY	Not reactive	Not reactive	6.48	>140
H5970-10 WTT #1	Not reactive	Not reactive	5.29	>140
H5970-11 CL	Not reactive	Not reactive	5.21	>140
H5970-15* PARDUE	Not reactive	Not reactive	5.14	92
H5970-17** CEDAR CANYON	Not reactive	Not reactive	5.21	>140
H5970-18** RAMSEY	Not reactive	Not reactive	6.70	>140
H5970-19** STATELINE	Not reactive	Not reactive	6.87	>140
Quality Control	NR	NR	6.98	NR
True Value QC	NR	NR	7.00	NR
% Recovery	NR	NR	99.7	NR
Relative Percent Difference	NR	NR	0.1	NR

****Reactivities determined on 07/16/01.**

Chemist

Date _____



PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/16/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5970-4
Sample ID: CHAVEZ

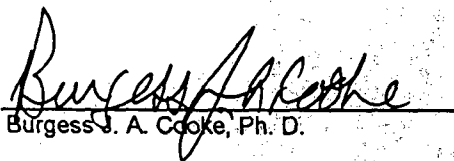
Extraction Date: 07/10/01
Analysis Date: 07/12/01
Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5970-4	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.100	<0.005	0.019	38	0.050
1,4-Dichlorobenzene	7.50	<0.100	<0.005	0.032	64	0.050
o-Cresol	200	<0.100	<0.005	0.035	70	0.050
m, p-Cresol	200	<0.100	<0.005	0.040	80	0.050
Hexachloroethane	3.00	<0.100	<0.005	0.026	52	0.050
Nitrobenzene	2.00	<0.100	<0.005	0.043	86	0.050
Hexachloro-1,3-butadiene	0.500	<0.100	<0.005	0.030	60	0.050
2,4,6-Trichlorophenol	2.00	<0.100	<0.005	0.045	90	0.050
2,4,5-Trichlorophenol	400	<0.100	<0.005	0.045	90	0.050
2,4-Dinitrotoluene	0.130	<0.100	<0.005	0.046	92	0.050
Hexachlorobenzene	0.130	<0.100	<0.005	0.047	94	0.050
Pentachlorophenol	100	<0.100	<0.005	0.045	90	0.050

% RECOVERY

Fluorophenol	58
Phenol-d5	38
Nitrobenzene-d5	91
2-Fluorobiphenyl	71
2,4,6-Tribromophenol	84
Terphenyl-d14	106

METHODS: EPA SW 846-8270, 1311, 3510


Burgess J. A. Cooke, Ph. D.

7/16/01
Date



PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/07/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5970-4
Sample ID: CHAVEZ

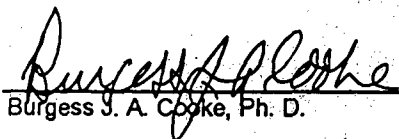
Analysis Date: 07/06/01
Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5970-4	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.025	<0.005	0.110	110	0.100
1,1-Dichloroethylene	0.7	<0.025	<0.005	0.099	99	0.100
Methyl Ethyl Ketone	200	0.517	<0.050	0.099	99	0.100
Chloroform	6.0	<0.025	<0.005	0.101	101	0.100
1,2-Dichloroethane	0.5	<0.025	<0.005	0.113	113	0.100
Benzene	0.5	0.091	<0.005	0.104	104	0.100
Carbon Tetrachloride	0.5	<0.025	<0.005	0.090	90	0.100
Trichloroethylene	0.5	<0.025	<0.005	0.102	102	0.100
Tetrachloroethylene	0.7	<0.025	<0.005	0.085	85	0.100
Chlorobenzene	100	<0.025	<0.005	0.096	96	0.100
1,4-Dichlorobenzene	7.5	<0.025	<0.005	0.085	85	0.100

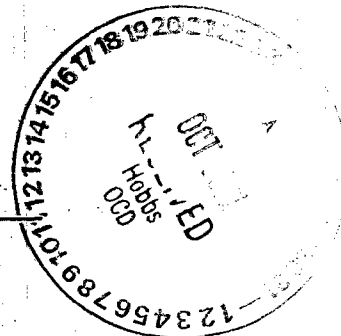
% RECOVERY

Dibromofluoromethane	95
Toluene-d8	100
Bromofluorobenzene	98

METHODS: EPA SW 846-8260, 1311


Burgess J. A. Cooke, Ph. D.

7/7/01
Date



PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2325 Fax (505) 393-2476

Company Name: <u>Conoco Inc</u>		ANALYSIS REQUEST															
Project Manager: <u>Jeff Davis</u>		P.O. #:															
Address: <u>P.O. Box 90</u>		Company:															
City: <u>Maljamar</u>		Attn:															
Phone #: <u>505 676 2401</u>		Address:															
Project #: <u>Project Owner:</u>		City:															
Project Name:		State:															
Project Location:		Phone #:															
Sampler Name:		Fax #:															
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE:	ICE/COOL	OTHER:	PRESERV	SAMPLING	DATE	TIME
1	H58241	ter														7-6-01	7:00am
2	210 Boester															7-6-01	7:00am
3	Lusk															7-6-01	7:00am
4	Chas															7-6-01	7:00am
5	WTT #2															7-6-01	7:00am
6	AR															7-6-01	7:00am
7	Kem															7-6-01	7:00am
8	Keatave															7-6-01	7:00am
9	Skills															7-6-01	7:00am
10	WTT #1															7-6-01	7:00am

RECEIVED BY: Bury 7-6-01 4:00pm

DELIVERED BY: (Circle One) UPS

SAMPLER ROLLINQUISHED: Yes ☒ No ☐

REMARKS:

Phone Result: ☐ Yes ☐ No **Add'l Phone #:**

Fax Result: ☐ Yes ☐ No **Add'l Fax #:**

Relinquished By: Jeff Davis

Received By: (Lab Staff) Bury

Sample Condition: Cool ☒ Intact ☐

Checked By: (Initials) Bury

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

NOV 05 2001

Environmental Bureau
Oil Conservation Division

Form C-138
Revised March 17, 1995

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator Conoco, Inc.
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site West Turkey Track II
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter Hughes/Steve Carter
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	New Mexico
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:

10-22-01I

Waste water generated by engine wash water, rain water run off, and lube oil leaked from compressor.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02.

Estimated Volume 1,500 gallons Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: [Signature] TITLE: Environmental Engr. DATE: 10-29-01

APPROVED BY: [Signature] TITLE: Environmental Geologist DATE: 11-5-01

CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"

COMPANY / GENERATOR Conoco Inc. (NGGP)

ADDRESS 921 W Sanger, Hobbs NM

GENERATING SITE West Turkey Track II

COUNTY Eddy STATE NM

TYPE OF WASTE Oily Waste water

ESTIMATED VOLUME 1500 Gallons

GENERATING PROCESS engine wash water,
rainwater runoff, lube oil leaked from Compressor

REMARKS For all shipments through 10-31-02

NMOCD FACILITY Controlled Recovery Inc

TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 2613.

AGENT Mark Bishop

SIGNATURE

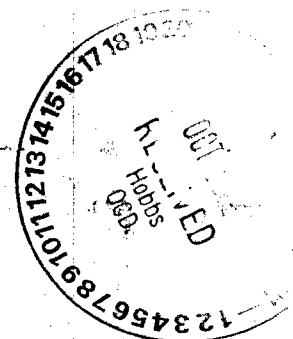
NAME Mark Bishop

PRINTED

ADDRESS 921 W Sanger

Hobbs, NM 88240

DATE 7-30-01





ARDINAL LABORATORIES

PHONE (815) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-5

Sample ID: WTT #2

Extraction Date: 07/10/01

Analysis Date: 07/12/01

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

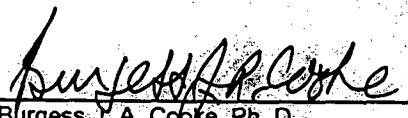
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5970-5	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.100	<0.005	0.019	38	0.050
1,4-Dichlorobenzene	7.50	<0.100	<0.005	0.032	64	0.050
o-Cresol	200	<0.100	<0.005	0.035	70	0.050
m, p-Cresol	200	<0.100	<0.005	0.040	80	0.050
Hexachloroethane	3.00	<0.100	<0.005	0.026	52	0.050
Nitrobenzene	2.00	<0.100	<0.005	0.043	86	0.050
Hexachloro-1,3-butadiene	0.500	<0.100	<0.005	0.030	60	0.050
2,4,6-Trichlorophenol	2.00	<0.100	<0.005	0.045	90	0.050
2,4,5-Trichlorophenol	400	<0.100	<0.005	0.045	90	0.050
2,4-Dinitrotoluene	0.130	<0.100	<0.005	0.046	92	0.050
Hexachlorobenzene	0.130	<0.100	<0.005	0.047	94	0.050
Pentachlorophenol	100	<0.100	<0.005	0.045	90	0.050

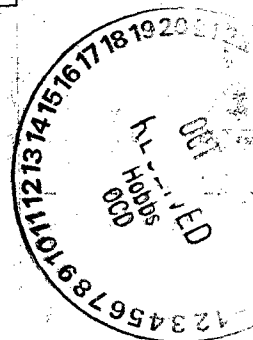
% RECOVERY

Fluorophenol	40
Phenol-d5	37
Nitrobenzene-d5	97
2-Fluorobiphenyl	76
2,4,6-Tribromophenol	86
Terphenyl-d14	105

METHODS: EPA SW 846-8270, 1311, 3510


Burgess J. A. Cooke, Ph. D.

7/16/01
Date



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ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/07/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-5

Sample ID: WTT #2

Analysis Date: 07/06/01

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5970-5	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.025	<0.005	0.110	110	0.100
1,1-Dichloroethylene	0.7	<0.025	<0.005	0.099	99	0.100
Methyl Ethyl Ketone	200	0.642	<0.050	0.099	99	0.100
Chloroform	6.0	<0.025	<0.005	0.101	101	0.100
1,2-Dichloroethane	0.5	<0.025	<0.005	0.113	113	0.100
Benzene	0.5	0.065	<0.005	0.104	104	0.100
Carbon Tetrachloride	0.5	<0.025	<0.005	0.090	90	0.100
Trichloroethylene	0.5	<0.025	<0.005	0.102	102	0.100
Tetrachloroethylene	0.7	<0.025	<0.005	0.085	85	0.100
Chlorobenzene	100	<0.025	<0.005	0.096	96	0.100
1,4-Dichlorobenzene	7.5	<0.025	<0.005	0.085	85	0.100

% RECOVERY

Dibromofluoromethane	85
Toluene-d8	89
Bromofluorobenzene	88

METHODS: EPA SW 846-8260, 1311


Burgess A. Cooke, Ph.D.

7/7/01
Date



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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/12/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/GP

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:		07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:		5	5	100	1	5	5	0.2	1
H5970-1	TT	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-2	ZIA BOOSTER	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-3	LUSK	<1	<1	<5	<0.1	<1	<2	<0.02	<0.1
H5970-4	CHAVEZ	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-5	WTT #2	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-8	REDLAKE	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-9	SKELLY	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-10	WTT #1	<1	<1	<5	<0.1	<1	<2	<0.02	<0.1
H5970-11	CL	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-15	PARDUE	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-17	CEDAR CANYON	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-18	RAMSEY	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-19	STATELINE	<1	<1	<5	<0.2	<2	<1	<0.02	<0.1
Quality Control		0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC		0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery		104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference		1.8	0.1	4.0	0.6	1.0	4.0	10.8	1.2
METHODS: EPA 1311, 600/4-79-02		206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2

Chemist

Date

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/BC

REACTIVITY

LAB NO.	SAMPLE ID	Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
---------	-----------	------------------	------------------	---------------------	----------------------

ANALYSIS DATE:	07/12/01	07/12/01	07/09/01	07/09/01
H5970-1 TT	Not reactive	Not reactive	5.32	>140
H5970-2 ZIA BOOSTER	Not reactive	Not reactive	6.56	>140
H5970-3 LUSK	Not reactive	Not reactive	5.13	>140
H5970-4 CHAVEZ	Not reactive	Not reactive	6.25	>140
H5970-5 WTT #2	Not reactive	Not reactive	5.12	>140
H5970-8 REDLAKE	Not reactive	Not reactive	6.95	>140
H5970-9 SKELLY	Not reactive	Not reactive	6.48	>140
H5970-10 WTT #1	Not reactive	Not reactive	5.29	>140
H5970-11 CL	Not reactive	Not reactive	5.21	>140
H5970-15* PARDUE	Not reactive	Not reactive	5.14	92
H5970-17** CEDAR CANYON	Not reactive	Not reactive	5.21	>140
H5970-18** RAMSEY	Not reactive	Not reactive	6.70	>140
H5970-19** STATELINE	Not reactive	Not reactive	6.87	>140
Quality Control	NR	NR	6.98	NR
True Value QC	NR	NR	7.00	NR
% Recovery	NR	NR	99.7	NR
Relative Percent Difference	NR	NR	0.1	NR

METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261

*Reactivities determined on 07/13/01.

**Reactivities determined on 07/16/01.

Chemist

Date

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020~ (505) 393-2325 Fax (505) 393-2476

Page 1 of 1

BILL TO										ANALYSIS REQUEST									
Company Name: <u>Conoco Inc</u>										P.O. #:									
Project Manager: <u>Jeff Davis</u>										Company:									
Address: <u>P.O. Box 90</u>										Attn:									
City: <u>Maljamar</u>										Address:									
State: <u>NM</u> Zip: <u>88264</u>										City:									
Phone #: <u>505 676 2401</u>										State: Zip:									
Project #: <u>Project Owner:</u>										Phone #:									
Project Name:										Fax #:									
Project Location:																			
Sampler Name:																			
FOR LAB USE ONLY																			
Lab I.D.										Sample I.D.									
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Phone Result: ☐ Yes ☐ No Add'l Phone #:

Fax Result: ☐ Yes ☐ No Add'l Fax #:

REMARKS:

Relinquished By: Jeff Davis

Received By: (Lab Staff) Bryan Davis

Date: 7-6-01 Time: 7:00 pm

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources RECEIVED

Form C-138
Revised March 17, 1995

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

NOV 05 2001
Environmental Bureau
Oil Conservation Division

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

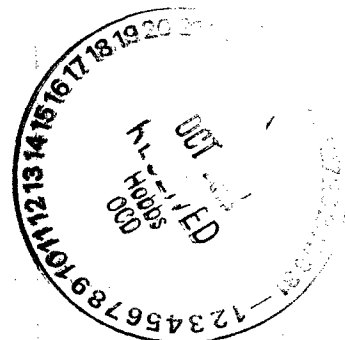
1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator Conoco, Inc.
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site West Turkey Track I
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter Hughes/Steve Carter
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	New Mexico
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:

10-22-01J

Waste water generated by engine wash water, rain water run off, and lube oil leaked from compressor.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02.



Estimated Volume 1,000 gallons Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01

Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: [Signature] TITLE: Environmental Engineer DATE: 10-24-01

APPROVED BY: [Signature] TITLE: Environmental Engineer DATE: 11-05-01

CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"

COMPANY / GENERATOR Conoco Inc. (NGGP)

ADDRESS 921 W Sanger, Hobbs NM

GENERATING SITE ^{WAST} Turkey Track Compressor # I

COUNTY EAG STATE NM

TYPE OF WASTE Oil Waste water

ESTIMATED VOLUME 1000 Gallons

GENERATING PROCESS engine wash water,
rainwater runoff, lube oil leaked from Compressor

REMARKS For all shipments through 10-31-02

NMOCD FACILITY Controlled Recovery Inc

TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.3

AGENT Mark Bishop

SIGNATURE

NAME Mark Bishop

PRINTED

ADDRESS 921 W Sanger

Hobbs, NM 88240

DATE 7-30-01





ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-10

Sample ID: WTT #1

Analysis Date: 07/12/01

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

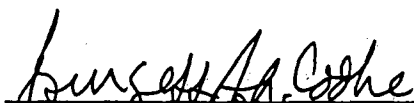
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5970-10	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.100	<0.005	0.013	26	0.050
1,4-Dichlorobenzene	7.50	<0.200	<0.005	0.028	56	0.050
o-Cresol	200	<0.200	<0.005	0.034	68	0.050
m, p-Cresol	200	<0.200	<0.005	0.035	70	0.050
Hexachloroethane	3.00	<0.200	<0.005	0.024	48	0.050
Nitrobenzene	2.00	<0.200	<0.005	0.041	82	0.050
Hexachloro-1,3-butadiene	0.500	<0.200	<0.005	0.026	52	0.050
2,4,6-Trichlorophenol	2.00	<0.200	<0.005	0.035	70	0.050
2,4,5-Trichlorophenol	400	<0.200	<0.005	0.033	66	0.050
2,4-Dinitrotoluene	0.130	<0.200	<0.005	0.039	78	0.050
Hexachlorobenzene	0.130	<0.200	<0.005	0.041	82	0.050
Pentachlorophenol	100	<0.200	<0.005	0.036	72	0.050

% RECOVERY

Fluorophenol	28
Phenol-d5	31
Nitrobenzene-d5	116
2-Fluorobiphenyl	72
2,4,6-Tribromophenol	64
Terphenyl-d14	104

METHODS: EPA SW 846-8270, 1311, 3510


Burgess J. A. Cooke, Ph. D.

7/16/01
Date



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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/11/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-10

Sample ID: WTT #1

Analysis Date: 07/09/01

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5970-10	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.025	<0.005	0.108	108	0.100
1,1-Dichloroethylene	0.7	<0.025	<0.005	0.095	95	0.100
Methyl Ethyl Ketone	200	0.580	<0.050	0.110	110	0.100
Chloroform	6.0	<0.025	<0.005	0.091	91	0.100
1,2-Dichloroethane	0.5	<0.025	<0.005	0.098	98	0.100
Benzene	0.5	<0.025	<0.005	0.098	98	0.100
Carbon Tetrachloride	0.5	<0.025	<0.005	0.110	110	0.100
Trichloroethylene	0.5	<0.025	<0.005	0.103	103	0.100
Tetrachloroethylene	0.7	<0.025	<0.005	0.100	100	0.100
Chlorobenzene	100	<0.025	<0.005	0.104	104	0.100
1,4-Dichlorobenzene	7.5	<0.025	<0.005	0.092	92	0.100

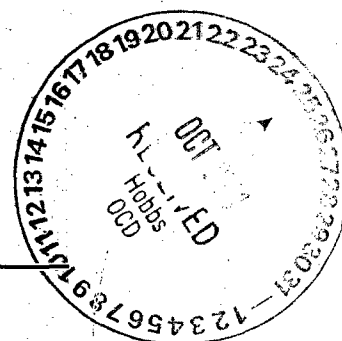
% RECOVERY

Dibromofluoromethane	100
Toluene-d8	94
Bromofluorobenzene	94

METHODS: EPA SW 846-8260, 1311

Burgess A. Cooke
Burgess A. Cooke, Ph. D.

7/11/01
Date



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ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC/

Analyzed By: AH/BC

REACTIVITY

LAB NO.	SAMPLE ID	Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
---------	-----------	------------------	------------------	---------------------	----------------------

ANALYSIS DATE:		07/12/01	07/12/01	07/09/01	07/09/01
H5970-1	TT	Not reactive	Not reactive	5.32	>140
H5970-2	ZIA BOOSTER	Not reactive	Not reactive	6.56	>140
H5970-3	LUSK	Not reactive	Not reactive	5.13	>140
H5970-4	CHAVEZ	Not reactive	Not reactive	6.25	>140
H5970-5	WTT #2	Not reactive	Not reactive	5.12	>140
H5970-8	REDLAKE	Not reactive	Not reactive	6.95	>140
H5970-9	SKELLY	Not reactive	Not reactive	6.48	>140
H5970-10	WTT #1	Not reactive	Not reactive	5.29	>140
H5970-11	CL	Not reactive	Not reactive	5.21	>140
H5970-15*	PARDUE	Not reactive	Not reactive	5.14	92
H5970-17**	CEDAR CANYON	Not reactive	Not reactive	5.21	>140
H5970-18**	RAMSEY	Not reactive	Not reactive	6.70	>140
H5970-19**	STATELINE	Not reactive	Not reactive	6.87	>140
Quality Control		NR	NR	6.98	NR
True Value QC		NR	NR	7.00	NR
% Recovery		NR	NR	99.7	NR
Relative Percent Difference		NR	NR	0.1	NR

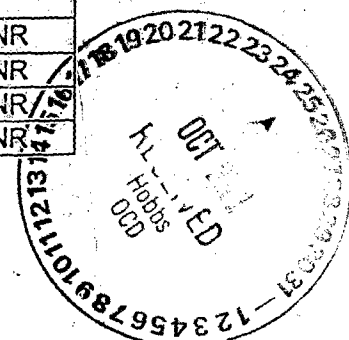
METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261

*Reactivities determined on 07/13/01.

**Reactivities determined on 07/16/01.

Chemist

Date



PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



ARDINAL LABORATORIES

PHONE (915) 873-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/12/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH/GP

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:		07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:		5	5	100	1	5	5	0.2	1
H5970-1	TT	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-2	ZIA BOOSTER	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-3	LUSK	<1	<1	<5	<0.1	<1	<2	<0.02	<0.1
H5970-4	CHAVEZ	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-5	WTT #2	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-8	REDLAKE	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-9	SKELLY	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-10	WTT #1	<1	<1	<5	<0.1	<1	<2	<0.02	<0.1
H5970-11	CL	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-15	PARDUE	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-17	CEDAR CANYON	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-18	RAMSEY	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-19	STATELINE	<1	<1	<5	<0.2	<2	<1	<0.02	<0.1
Quality Control		0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC		0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery		104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference		1.8	0.1	4.0	0.6	1.0	4.0	10.8	1.2
METHODS: EPA 1311, 600/4-79-02		206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2

Chemist

Date

07/16/2001

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ARDINAL LABORATORIES, INC.

Company Name:

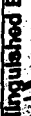
OK TO

OTTO

[illegible]

As orders including those for religious and any other cause whatsoever shall be discussed relative crimes made in writing and published by Circular within 30 days after completion of the application, in the event said Circular be made for fraudulent or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates, or any other party, the client shall be responsible for any and all damages, including reasonable attorneys' fees, incurred by the client for the cost of the application.

Sampled Relinquished: (Print Name)	Received By:		Phone Result Fax Result REMARKS
	Date:	Time:	

Relinquished By:	Date:	Received By: (Lab Staff)	Sample Condition Cool ☐ Intact ☐	Checked BY: (Initials)
	Time:			
	7-6-d 1:00 pm	Bury 	☒ Yes ☐ No	☒ Yes ☐ No
Delivered By: (Circle One)				
Sampler - UPS - Bus - Other:				

* Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1995

RECEIVED

NOV 05 2001

Submit Original
Plus 1 Copy
to Appropriate
District Office

Environmental Bureau
Oil Conservation Division

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

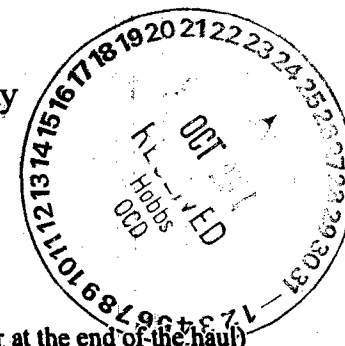
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒	4. Generator Conoco, Inc. 5. Originating Site Skelly Compressor
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter Hughes/ Steve Carter
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	New Mexico
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:

10-22-01K

Waste water generated by engine wash water, rain water run off, and lube oil leaked from compressor.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02.



Estimated Volume 1,500 gallons Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01

Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: [Signature] TITLE: Environmental Eng DATE: 10-29-01

APPROVED BY: [Signature] TITLE: Environmental Budget DATE: 11-5-01

**CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL**

"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"

COMPANY / GENERATOR Conoco Inc. (NGGP)

ADDRESS 921 W Sanger, Hobbs NM

GENERATING SITE Skelly Compressor

COUNTY Edo STATE NM

TYPE OF WASTE Oily Waste water

ESTIMATED VOLUME 1500 Gallons

GENERATING PROCESS engine wash water,
rainwater runoff, lube oil leaked from Compressor

REMARKS For all shipments through 10-31-02

NMOCDF FACILITY Controlled Recovery Inc

TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.3.

AGENT Mark Bishop

SIGNATURE

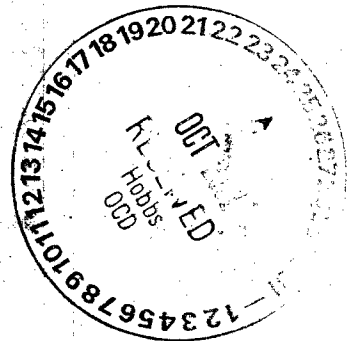
NAME Mark Bishop

PRINTED

ADDRESS 921 W Sanger

Hobbs, NM 88240

DATE 7-30-01





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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/16/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5970-9
Sample ID: SKELLY

Analysis Date: 07/12/01
Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5970-9	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.200	<0.005	0.013	26	0.050
1,4-Dichlorobenzene	7.50	<0.200	<0.005	0.028	56	0.050
o-Cresol	200	<0.200	<0.005	0.034	68	0.050
m, p-Cresol	200	<0.200	<0.005	0.035	70	0.050
Hexachloroethane	3.00	<0.200	<0.005	0.024	48	0.050
Nitrobenzene	2.00	<0.200	<0.005	0.041	82	0.050
Hexachloro-1,3-butadiene	0.500	<0.200	<0.005	0.026	52	0.050
2,4,6-Trichlorophenol	2.00	<0.200	<0.005	0.035	70	0.050
2,4,5-Trichlorophenol	400	<0.200	<0.005	0.033	66	0.050
2,4-Dinitrotoluene	0.130	<0.200	<0.005	0.039	78	0.050
Hexachlorobenzene	0.130	<0.200	<0.005	0.041	82	0.050
Pentachlorophenol	100	<0.200	<0.005	0.036	72	0.050

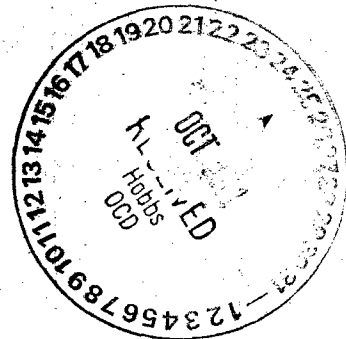
% RECOVERY

Fluorophenol	45
Phenol-d5	47
Nitrobenzene-d5	110
2-Fluorobiphenyl	77
2,4,6-Tribromophenol	81
Terphenyl-d14	104

METHODS: EPA SW 846-8270, 1311, 3510

Burgess J. A. Cooke, Ph. D.

7/16/01
Date



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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/11/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-9

Sample ID: SKELLY

Analysis Date: 07/09/01

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

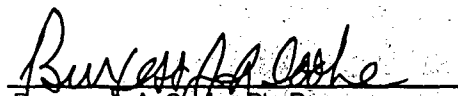
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5970-9	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.025	<0.005	0.108	108	0.100
1,1-Dichloroethylene	0.7	<0.025	<0.005	0.095	95	0.100
Methyl Ethyl Ketone	200	0.467	<0.050	0.110	110	0.100
Chloroform	6.0	<0.025	<0.005	0.091	91	0.100
1,2-Dichloroethane	0.5	<0.025	<0.005	0.098	98	0.100
Benzene	0.5	<0.025	<0.005	0.098	98	0.100
Carbon Tetrachloride	0.5	<0.025	<0.005	0.110	110	0.100
Trichloroethylene	0.5	<0.025	<0.005	0.103	103	0.100
Tetrachloroethylene	0.7	<0.025	<0.005	0.100	100	0.100
Chlorobenzene	100	<0.025	<0.005	0.104	104	0.100
1,4-Dichlorobenzene	7.5	<0.025	<0.005	0.092	92	0.100

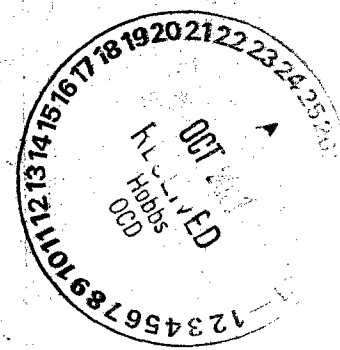
% RECOVERY

Dibromofluoromethane	96
Toluene-d8	87
Bromofluorobenzene	90

METHODS: EPA SW 846-8260, 1311


Burgess J. A. Cooke, Ph. D.

7/11/01
Date



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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/12/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH/GP

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
------------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

ANALYSIS DATE:	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:	5	5	100	1	5	5	0.2	1
H5970-1 TT	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-2 ZIA BOOSTER	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-3 LUSK	<1	<1	<5	<0.1	<1	<2	<0.02	<0.1
H5970-4 CHAVEZ	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-5 WTT #2	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-8 REDLAKE	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-9 SKELLY	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-10 WTT #1	<1	<1	<5	<0.1	<1	<2	<0.02	<0.1
H5970-11 CL	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-15 PARDUE	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-17 CEDAR CANYON	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-18 RAMSEY	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-19 STATELINE	<1	<1	<5	<0.2	<2	<1	<0.02	<0.1
Quality Control	0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC	0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery	104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference	1.8	0.1	4.0	0.6	1.0	4.0	10.8	1.2

METHODS: EPA 1311, 600/4-79-02	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
--------------------------------	-------	-------	-------	-------	-------	-------	-------	-------

Chemist

Date

07/16/2001

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/BC

LAB NO.	SAMPLE ID	REACTIVITY			
		Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
ANALYSIS DATE:		07/12/01	07/12/01	07/09/01	07/09/01
H5970-1	TT	Not reactive	Not reactive	5.32	>140
H5970-2	ZIA BOOSTER	Not reactive	Not reactive	6.56	>140
H5970-3	LUSK	Not reactive	Not reactive	5.13	>140
H5970-4	CHAVEZ	Not reactive	Not reactive	6.25	>140
H5970-5	WTT #2	Not reactive	Not reactive	5.12	>140
H5970-8	REDLAKE	Not reactive	Not reactive	6.95	>140
H5970-9	SKELLY	Not reactive	Not reactive	6.48	>140
H5970-10	WTT #1	Not reactive	Not reactive	5.29	>140
H5970-11	CL	Not reactive	Not reactive	5.21	>140
H5970-15*	PARDUE	Not reactive	Not reactive	5.14	92
H5970-17**	CEDAR CANYON	Not reactive	Not reactive	5.21	>140
H5970-18**	RAMSEY	Not reactive	Not reactive	6.70	>140
H5970-19**	STATELINE	Not reactive	Not reactive	6.87	>140
Quality Control		NR	NR	6.98	NR
True Value QC		NR	NR	7.00	NR
% Recovery		NR	NR	99.7	NR
Relative Percent Difference		NR	NR	0.1	NR

METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261

*Reactivities determined on 07/13/01.

**Reactivities determined on 07/16/01.

Chemist

Date

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ARDINAL LABORATORIES, INC.

Page 7 of 10

+ Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

District I
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811 South First, Artesia, NM 88210
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1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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Environmental Bureau
Oil Conservation Division

Form C-138
Revised March 17, 1995

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

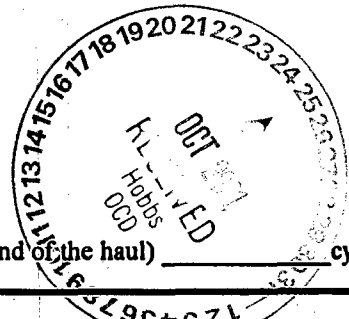
1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator Conoco, Inc.
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site Lusk Compressor
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter Hughes/ Steve Carter
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	New Mexico
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:

10-22-01L

Waste water generated by engine wash water, rain water run off, and lube oil leaked from compressor.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02.



Estimated Volume 750 gallons cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: [Signature] TITLE: Environmental Engr DATE: 10-27-01

APPROVED BY: [Signature] TITLE: Environmental Geologist DATE: 11-5-01

CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"

COMPANY / GENERATOR Conoco Inc. (NGGP)

ADDRESS 921 W Sanger, Hobbs NM

GENERATING SITE Luck Compressor

COUNTY Edg STATE NM

TYPE OF WASTE Oily Waste water

ESTIMATED VOLUME 750 Gallons

GENERATING PROCESS engine wash water,
rainwater runoff, lube oil leaked from Compressor

REMARKS For all shipments through 10-31-02

NMOCD FACILITY Controlled Recovery Inc

TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.3.

AGENT Mark Bishop

SIGNATURE

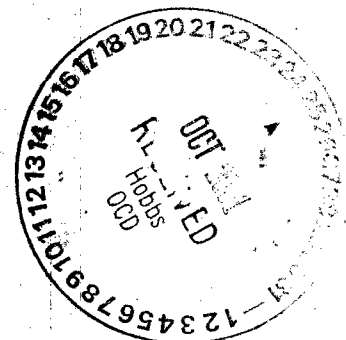
NAME Mark Bishop

PRINTED

ADDRESS 921 W Sanger

Hobbs, NM 88240

DATE 7-30-01





CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-3

Sample ID: LUSK

Extraction Date: 07/10/01

Analysis Date: 07/12/01

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

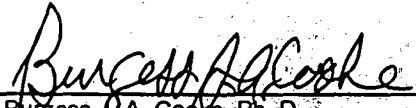
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5970-3	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.100	<0.005	0.019	38	0.050
1,4-Dichlorobenzene	7.50	<0.100	<0.005	0.032	64	0.050
o-Cresol	200	<0.100	<0.005	0.035	70	0.050
m, p-Cresol	200	<0.100	<0.005	0.040	80	0.050
Hexachloroethane	3.00	<0.100	<0.005	0.026	52	0.050
Nitrobenzene	2.00	<0.100	<0.005	0.043	86	0.050
Hexachloro-1,3-butadiene	0.500	<0.100	<0.005	0.030	60	0.050
2,4,6-Trichlorophenol	2.00	<0.100	<0.005	0.045	90	0.050
2,4,5-Trichlorophenol	400	<0.100	<0.005	0.045	90	0.050
2,4-Dinitrotoluene	0.130	<0.100	<0.005	0.046	92	0.050
Hexachlorobenzene	0.130	<0.100	<0.005	0.047	94	0.050
Pentachlorophenol	100	<0.100	<0.005	0.045	90	0.050

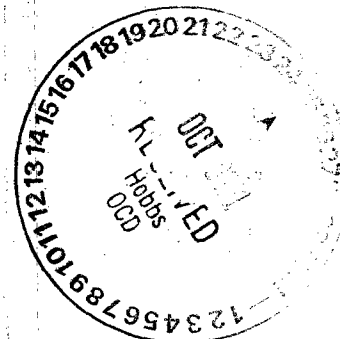
% RECOVERY

Fluorophenol	46
Phenol-d5	42
Nitrobenzene-d5	78
2-Fluorobiphenyl	82
2,4,6-Tribromophenol	88
Terphenyl-d14	87

METHODS: EPA SW 846-8270, 1311, 3510


Burgess J. A. Cooke, Ph. D.

7/16/01
Date



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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/07/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-3

Sample ID: LUSK

Analysis Date: 07/06/01

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

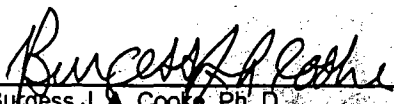
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5970-3	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.025	<0.005	0.110	110	0.100
1,1-Dichloroethylene	0.7	<0.025	<0.005	0.099	99	0.100
Methyl Ethyl Ketone	200	0.602	<0.050	0.099	99	0.100
Chloroform	6.0	<0.025	<0.005	0.101	101	0.100
1,2-Dichloroethane	0.5	<0.025	<0.005	0.113	113	0.100
Benzene	0.5	0.088	<0.005	0.104	104	0.100
Carbon Tetrachloride	0.5	<0.025	<0.005	0.090	90	0.100
Trichloroethylene	0.5	<0.025	<0.005	0.102	102	0.100
Tetrachloroethylene	0.7	<0.025	<0.005	0.085	85	0.100
Chlorobenzene	100	<0.025	<0.005	0.096	96	0.100
1,4-Dichlorobenzene	7.5	<0.025	<0.005	0.085	85	0.100

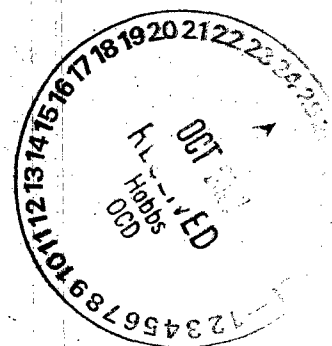
% RECOVERY

Dibromofluoromethane	106
Toluene-d8	108
Bromofluorobenzene	109

METHODS: EPA SW-846-8260, 1311


Burgess J. A. Cooke, Ph. D.

7/7/01
Date



PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



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PHONE (815) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/12/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/GP

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:		07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:		5	5	100	1	5	5	0.2	1
H5970-1	TT	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-2	ZIA BOOSTER	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-3	LUSK	<1	<1	<5	<0.1	<1	<2	<0.02	<0.1
H5970-4	CHAVEZ	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-5	WTT #2	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-8	REDLAKE	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-9	SKELLY	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-10	WTT #1	<1	<1	<5	<0.1	<1	<2	<0.02	<0.1
H5970-11	CL	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-15	PARDUE	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-17	CEDAR CANYON	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-18	RAMSEY	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-19	STATELINE	<1	<1	<5	<0.2	<2	<1	<0.02	<0.1
Quality Control		0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC		0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery		104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference		1.8	0.1	4.0	0.6	1.0	4.0	10.8	4.2
METHODS: EPA 1311, 600/4-79-02		206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2

Chemist

Date

07/16/2001

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/BC

LAB NO.	SAMPLE ID	REACTIVITY			
		Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)

ANALYSIS DATE:	07/12/01	07/12/01	07/09/01	07/09/01
H5970-1 TT	Not reactive	Not reactive	5.32	>140
H5970-2 ZIA BOOSTER	Not reactive	Not reactive	6.56	>140
H5970-3 LUSK	Not reactive	Not reactive	5.13	>140
H5970-4 CHAVEZ	Not reactive	Not reactive	6.25	>140
H5970-5 WTT #2	Not reactive	Not reactive	5.12	>140
H5970-8 REDLAKE	Not reactive	Not reactive	6.95	>140
H5970-9 SKELLY	Not reactive	Not reactive	6.48	>140
H5970-10 WTT #1	Not reactive	Not reactive	5.29	>140
H5970-11 CL	Not reactive	Not reactive	5.21	>140
H5970-15* PARDUE	Not reactive	Not reactive	5.14	92
H5970-17** CEDAR CANYON	Not reactive	Not reactive	5.21	>140
H5970-18** RAMSEY	Not reactive	Not reactive	6.70	>140
H5970-19** STATELINE	Not reactive	Not reactive	6.87	>140
Quality Control	NR	NR	6.98	NR
True Value QC	NR	NR	7.00	NR
% Recovery	NR	NR	99.7	NR
Relative Percent Difference	NR	NR	0.1	NR

METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261

*Reactivities determined on 07/13/01.

**Reactivities determined on 07/16/01.

Burton J. Padon
Chemist

7/16/01
Date

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ARDINAL LABORATORIES, INC.

Page 7 of

(Signature of Subcontractor affixed out of or related to the performance of services hereunder by Carrier, regardless of whether such claim is based upon any of the above stated reasons or otherwise.)		Phone Result: ☐ Yes ☐ No Add'l Phone #: _____	
		Fax Result: ☐ Yes ☐ No Add'l Fax #: _____	
		REMARKS: _____	
Sampler Reinquished: _____		Received By: _____	
Date: _____		Date: _____	
Time: _____		Time: _____	
Relinquished By: _____		Received By: (Lab Staff) _____	
Delivered By: (Circle One) Driver _____		Sample Condition Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No	
Sampler - UPS - Bus - Other: _____		CHECKED BY: (Initials) <i>B. J. [Signature]</i>	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

RECEIVED

Form C-138
Revised March 17, 1995

Oil Conservation Division NOV 05 2001
1220 South St. Francis Dr. Environmental Bureau
Santa Fe, NM 87505 Oil Conservation Division

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

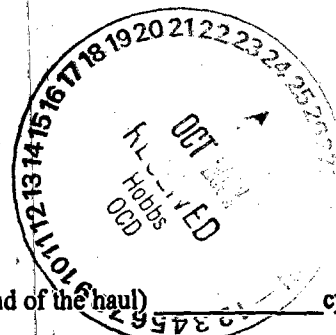
1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator Conoco, Inc.
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site Apex Compressor
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter Hughes/ Steve Carter
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	New Mexico
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:

10-22-01M

Waste water generated by engine wash water, rain water run off, and lube oil leaked from compressor.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02.



Estimated Volume 3,000 gallons cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: [Signature] TITLE: Environmental Eng DATE: 10-29-01

APPROVED BY: [Signature] TITLE: Environmental Analyst DATE: 11-5-01

72

CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"

COMPANY / GENERATOR Conoco Inc. (NGGP)

ADDRESS 921 W Sanger, Hobbs NM

GENERATING SITE Aper Compressor

COUNTY Lee STATE NM

TYPE OF WASTE Oily Waste water

ESTIMATED VOLUME 3000 Gallons

GENERATING PROCESS engine wash water,
rainwater runoff, lube oil leaked from Compressor

REMARKS For all shipments through 10-31-02

NMOCD FACILITY Controlled Recovery Inc.

TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking

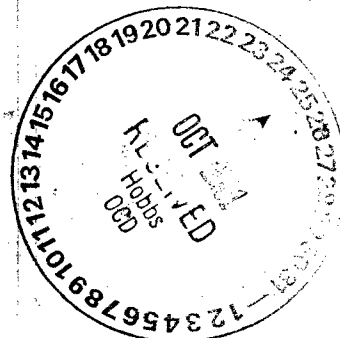
As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR Part 261 to verify the nature as non-hazardous. I further certify that to my knowledge "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.3.

AGENT Mark Bishop
SIGNATURE

NAME Mark Bishop
PRINTED

ADDRESS 921 W Sanger
Hobbs, NM 88240

DATE 7-30-01





CARDINAL LABORATORIES

PHONE (915) 873-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: MITCHELL G. TORREZ
921 WEST SANGER
HOBBS, NM 88240
FAX TO: (505) 393-5493

Receiving Date: 07/06/01
Reporting Date: 07/07/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5968-2
Sample ID: APEX UNIT

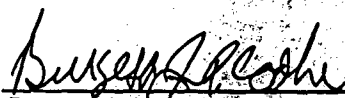
Analysis Date: 07/06/01
Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5968-2	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.005	<0.005	0.110	110	0.100
1,1-Dichloroethylene	0.7	<0.005	<0.005	0.099	99	0.100
Methyl Ethyl Ketone	200	0.387	<0.050	0.099	99	0.100
Chloroform	6.0	<0.005	<0.005	0.101	101	0.100
1,2-Dichloroethane	0.5	<0.005	<0.005	0.113	113	0.100
Benzene	0.5	0.020	<0.005	0.104	104	0.100
Carbon Tetrachloride	0.5	<0.005	<0.005	0.090	90	0.100
Trichloroethylene	0.5	<0.005	<0.005	0.102	102	0.100
Tetrachloroethylene	0.7	<0.005	<0.005	0.085	85	0.100
Chlorobenzene	100	<0.005	<0.005	0.096	96	0.100
1,4-Dichlorobenzene	7.5	<0.005	<0.005	0.085	85	0.100

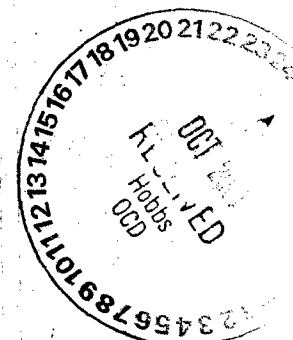
% RECOVERY

Dibromofluoromethane	81
Toluene-d8	87
Bromofluorobenzene	86

METHODS: EPA SW 846-8260, 1311


Burgess J. Al Cooke, Ph. D.

7/7/01
Date



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LABORATORIES

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: MITCHELL G. TORREZ
921 WEST SANGER
HOBBS, NM 88240
FAX TO: (505) 393-5493

Receiving Date: 07/06/01
Reporting Date: 07/11/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5968-2
Sample ID: APEX UNIT

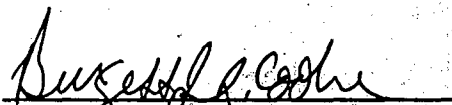
Analysis Date: 07/10/01
Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5968-2	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.050	<0.005	0.019	38	0.050
1,4-Dichlorobenzene	7.50	<0.050	<0.005	0.032	64	0.050
o-Cresol	200	<0.050	<0.005	0.035	70	0.050
m, p-Cresol	200	<0.050	<0.005	0.040	80	0.050
Hexachloroethane	3.00	<0.050	<0.005	0.026	52	0.050
Nitrobenzene	2.00	<0.050	<0.005	0.043	86	0.050
Hexachloro-1,3-butadiene	0.500	<0.050	<0.005	0.030	60	0.050
2,4,6-Trichlorophenol	2.00	<0.050	<0.005	0.045	90	0.050
2,4,5-Trichlorophenol	400	<0.050	<0.005	0.045	90	0.050
2,4-Dinitrotoluene	0.130	<0.050	<0.005	0.046	92	0.050
Hexachlorobenzene	0.130	<0.050	<0.005	0.047	94	0.050
Pentachlorophenol	100	<0.050	<0.005	0.045	90	0.050

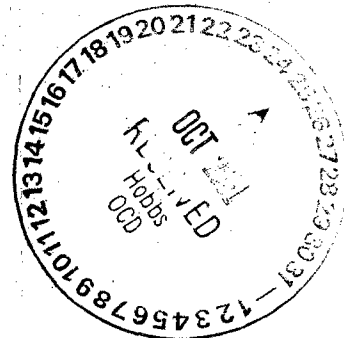
% RECOVERY

Fluorophenol	53
Phenol-d5	43
Nitrobenzene-d5	69
2-Fluorobiphenyl	60
2,4,6-Tribromophenol	78
Terphenyl-d14	74

METHODS: EPA SW 846-8270, 1311, 3510


Burgess A. Cooke, Ph. D.

7/11/01
Date



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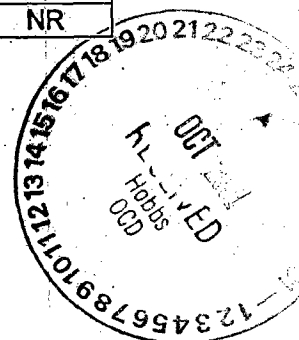
ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: MITCHELL G. TORREZ
921 W. SANGER
HOBBS, NM 88240
FAX TO: (505) 393-5493

Receiving Date: 07/06/01
Reporting Date: 07/16/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH/GP

LAB NO.	SAMPLE ID	REACTIVITY			
		Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
ANALYSIS DATE:		07/10/01	07/10/01	07/10/01	07/12/01
H5968-1	HOBBS PLANT	Not reactive	Not reactive	9.12	>140
H5968-2	APEX UNIT	Not reactive	Not reactive	5.92	>140
H5968-3	READ & STEVENS	Not reactive	Not reactive	6.07	>140
Quality Control		NR	NR	6.96	NR
True Value QC		NR	NR	7.00	NR
% Recovery		NR	NR	99.4	NR
Relative Percent Difference		NR	NR	0.3	NR

METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261



Sage A. Patten
Chemist

07/17/2001
Date

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: MITCHELL G. TORREZ
921 W. SANGER
HOBBS, NM 88240
FAX TO: (505) 393-5493

Receiving Date: 07/06/01
Reporting Date: 07/12/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH/GP

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:		07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:		5	5	100	1	5	5	0.2	1
H5968-1	HOBBS PLANT	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5968-2	APEX UNIT	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5968-3	READ & STEVENS	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
Quality Control		0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC		0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery		104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference		1.8	0.1	4.0	0.6	1.0	4.0	10.8	1.2

METHODS: EPA 1311, 600/4-79-02	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
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Chemist

Date

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Page of

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District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED Form C-138
Revised March 17, 1995

NOV 05 2001
Environmental Bureau
Oil Conservation Division
Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

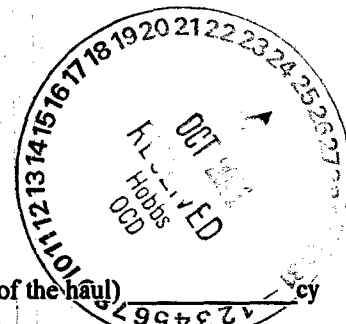
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒	4. Generator Conoco, Inc. 5. Originating Site Read & Stevens Compressor 6. Transporter Hughes/Steve Carter 8. State New Mexico
2. Management Facility Destination Controlled Recovery, Inc.	
3. Address of Facility Operator P.O. Box 388, Hobbs	
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	New Mexico
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:

10-22-01N

Waste water generated by engine wash water, rain water run off, and lube oil leaked from compressor.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02.



Estimated Volume 500 gallons cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

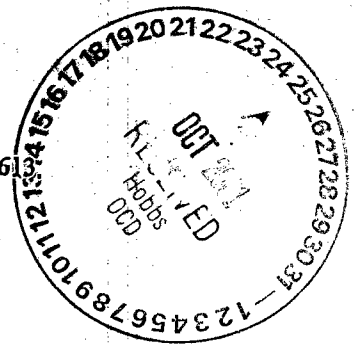
(This space for State Use)		
APPROVED BY: <u>[Signature]</u>	TITLE: <u>Environmental Engineer</u>	DATE: <u>10-29-01</u>
APPROVED BY: <u>[Signature]</u>	TITLE: <u>Environmental Analyst</u>	DATE: <u>11-5-01</u>

CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"

COMPANY / GENERATOR Conoco Inc. (NGGP)
ADDRESS 921 W Sanger, Hobbs NM
GENERATING SITE Red + Stevens Compressor
COUNTY Lea STATE NM
TYPE OF WASTE Oily Waste water
ESTIMATED VOLUME 500 Gallons
GENERATING PROCESS engine wash water,
rainwater runoff, lube oil leaked from Compressor
REMARKS For all shipments through 10-31-02
NMOCD FACILITY Controlled Recovery Inc.
TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.33

AGENT Mark Bishop
SIGNATURE
NAME Mark Bishop
PRINTED
ADDRESS 921 W Sanger
Hobbs, NM 88240
DATE 7-30-01





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ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: MITCHELL G. TORREZ
921 WEST SANGER
HOBBS, NM 88240
FAX TO: (505) 393-5493

Receiving Date: 07/06/01
Reporting Date: 07/07/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5968-3
Sample ID: READ & STEVENS

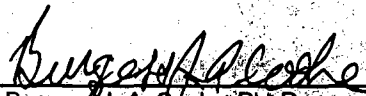
Analysis Date: 07/06/01
Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5968-3	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.005	<0.005	0.110	110	0.100
1,1-Dichloroethylene	0.7	<0.005	<0.005	0.099	99	0.100
Methyl Ethyl Ketone	200	0.942	<0.050	0.099	99	0.100
Chloroform	6.0	<0.005	<0.005	0.101	101	0.100
1,2-Dichloroethane	0.5	<0.005	<0.005	0.113	113	0.100
Benzene	0.5	0.043	<0.005	0.104	104	0.100
Carbon Tetrachloride	0.5	<0.005	<0.005	0.090	90	0.100
Trichloroethylene	0.5	<0.005	<0.005	0.102	102	0.100
Tetrachloroethylene	0.7	<0.005	<0.005	0.085	85	0.100
Chlorobenzene	100	<0.005	<0.005	0.096	96	0.100
1,4-Dichlorobenzene	7.5	<0.005	<0.005	0.085	85	0.100

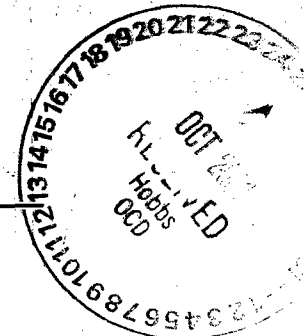
% RECOVERY

Dibromofluoromethane	86
Toluene-d8	85
Bromofluorobenzene	86

METHODS: EPA SW 846-8260, 1311


Burgess J. A. Cooke, Ph.D.

7/7/01
Date



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ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: MITCHELL G. TORREZ
921 WEST SANGER
HOBBS, NM 88240
FAX TO: (505) 393-5493

Receiving Date: 07/06/01
Reporting Date: 07/11/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5968-3
Sample ID: READ & STEVENS

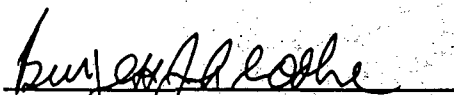
Analysis Date: 07/10/01
Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5968-3	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.050	<0.005	0.019	38	0.050
1,4-Dichlorobenzene	7.50	<0.050	<0.005	0.032	64	0.050
o-Cresol	200	<0.050	<0.005	0.035	70	0.050
m, p-Cresol	200	<0.050	<0.005	0.040	80	0.050
Hexachloroethane	3.00	<0.050	<0.005	0.026	52	0.050
Nitrobenzene	2.00	<0.050	<0.005	0.043	86	0.050
Hexachloro-1,3-butadiene	0.500	<0.050	<0.005	0.030	60	0.050
2,4,6-Trichlorophenol	2.00	<0.050	<0.005	0.045	90	0.050
2,4,5-Trichlorophenol	400	<0.050	<0.005	0.045	90	0.050
2,4-Dinitrotoluene	0.130	<0.050	<0.005	0.046	92	0.050
Hexachlorobenzene	0.130	<0.050	<0.005	0.047	94	0.050
Pentachlorophenol	100	<0.050	<0.005	0.045	90	0.050

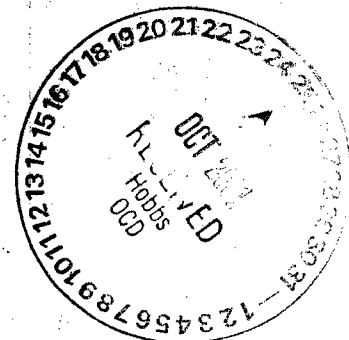
% RECOVERY

Fluorophenol	36
Phenol-d5	49
Nitrobenzene-d5	51
2-Fluorobiphenyl	52
2,4,6-Tribromophenol	69
Terphenyl-d14	64

METHODS: EPA SW 846-8270, 1311, 3510


Burgess J. A. Cooke, Ph. D.

7/11/01
Date



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ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: MITCHELL G. TORREZ
921 W. SANGER
HOBBS, NM 88240
FAX TO: (505) 393-5493

Receiving Date: 07/06/01
Reporting Date: 07/12/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH/GP

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
------------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

ANALYSIS DATE:	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:	5	5	100	1	5	5	0.2	1
H5968-1 HOBBS PLANT	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5968-2 APEX UNIT	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5968-3 READ & STEVENS	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
Quality Control	0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC	0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery	104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference	1.8	0.1	4.0	0.6	1.0	4.0	10.8	1.2

METHODS: EPA 1311, 600/4-79-02	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
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Chemist

Date

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ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: MITCHELL G. TORREZ
921 W. SANGER
HOBBS, NM 88240
FAX TO: (505) 393-5493

Receiving Date: 07/06/01
Reporting Date: 07/16/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH/GP

REACTIVITY

LAB NO.	SAMPLE ID	Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
ANALYSIS DATE:		07/10/01	07/10/01	07/10/01	07/12/01
H5968-1	HOBBS PLANT	Not reactive	Not reactive	9.12	>140
H5968-2	APEX UNIT	Not reactive	Not reactive	5.92	>140
H5968-3	READ & STEVENS	Not reactive	Not reactive	6.07	>140
Quality Control		NR	NR	6.96	NR
True Value QC		NR	NR	7.00	NR
% Recovery		NR	NR	99.4	NR
Relative Percent Difference		NR	NR	0.3	NR

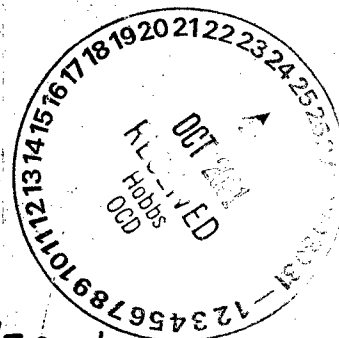
METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261

Chemist

Bayle H. Patten

Date

07/17/2001



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(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476**

Page ____ of ____

Company Name: CANOCO INC		Project Manager: Mitchell G. TORRES		Project Location: Mitchell G. TORRES		Project Name: Mitchell G. TORRES		Project Address: 1000 W. SANBORN		Project City: HOUSTON		Project State: TX		Project Zip: 77057		Project Phone: 713-215-3733		Project Fax: 713-215-3733		Project Owner: Project Owner		Project Date: 11/01/01		Project Time: 1:30		Project Status: Completed		Project Notes: NOV 05 2001		Project Reference: NOV 05 2001	
Lab I.D.	Sample I.D.	(C) RAB OR (C) OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE:	ICE/COOL	OTHER:	DATE	TIME																	
MS 568-1	HOBBES PET	4	4										7-6-01	8:55A																	
-2	PTX UNIT	4	4										7-6-01	9:15A																	
-3	REAR & STEVENS	4	4										7-6-01	12:20P																	

Company Name: **CANOCO INC**

Project Manager: **Mitchell G. TORRES**

Project Location: **Mitchell G. TORRES**

Project Name: **Mitchell G. TORRES**

Project Address: **1000 W. SANBORN**

Project City: **HOUSTON**

Project State: **TX**

Project Zip: **77057**

Project Phone: **713-215-3733**

Project Fax: **713-215-3733**

Project Owner: **Project Owner**

Project Date: **11/01/01**

Project Time: **1:30**

Project Status: **Completed**

Project Notes: **NOV 05 2001**

Project Reference: **NOV 05 2001**

Received By: (Lab Staff)

Received By: **Mitchell G. Torres**

Delivered By: (Circle One)

Delivered By: **NOV 05 2001**

Sampler - UPS - Bus - Other:

Sampler - UPS - Bus - Other:

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

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District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED
NOV 5 2001
Environmental Bureau
Oil Conservation Division
Form C-138
Revised March 17, 1995
Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

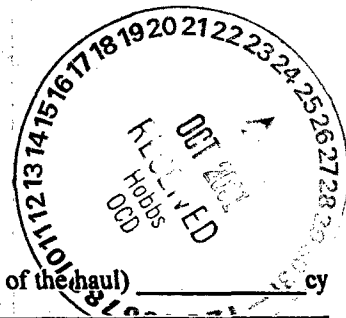
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒	4. Generator Conoco, Inc.
2. Management Facility Destination Controlled Recovery, Inc.	5. Originating Site Ramsey Compressor
3. Address of Facility Operator P.O. Box 388, Hobbs	6. Transporter Hughes/ Steve Carter
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	8. State New Mexico
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:

10-22-010

Waste water generated by engine wash water, rain water run off, and lube oil leaked from compressor.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02.



Estimated Volume 1,000 gallons cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: [Signature] TITLE: Environmental Engineer DATE: 10-24-01

APPROVED BY: [Signature] TITLE: Environmental Biologist DATE: 11-5-01

07 10-5-11

CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"

COMPANY / GENERATOR Conoco Inc. (NGGP)

ADDRESS 921 W Sanger, Hobbs NM

GENERATING SITE Rammy Compressor

COUNTY Reynolds STATE NM

TYPE OF WASTE Oily Waste water

ESTIMATED VOLUME 1000 Gallons

GENERATING PROCESS engine wash water,
rainwater runoff, lube oil leaked from Compressor

REMARKS For all shipments through 10-31-02

NMOCDF FACILITY Controlled Recovery Inc

TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.3.

AGENT Mark Bishop

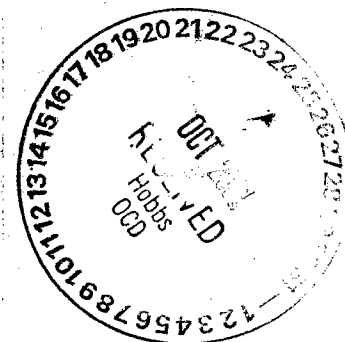
SIGNATURE

NAME Mark Bishop

PRINTED

ADDRESS 921 W Sanger
Hobbs, NM 88240

DATE 7-30-01





ARDINAL LABORATORIES

PHONE (915) 873-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/11/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-18

Sample ID: RAMSEY

Analysis Date: 07/09/01

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

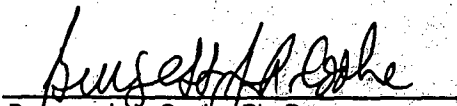
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5970-18	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.025	<0.005	0.108	108	0.100
1,1-Dichloroethylene	0.7	<0.025	<0.005	0.095	95	0.100
Methyl Ethyl Ketone	200	0.265	<0.050	0.110	110	0.100
Chloroform	6.0	<0.025	<0.005	0.091	91	0.100
1,2-Dichloroethane	0.5	<0.025	<0.005	0.098	98	0.100
Benzene	0.5	<0.025	<0.005	0.098	98	0.100
Carbon Tetrachloride	0.5	<0.025	<0.005	0.110	110	0.100
Trichloroethylene	0.5	<0.025	<0.005	0.103	103	0.100
Tetrachloroethylene	0.7	<0.025	<0.005	0.100	100	0.100
Chlorobenzene	100	<0.025	<0.005	0.104	104	0.100
1,4-Dichlorobenzene	7.5	<0.025	<0.005	0.092	92	0.100

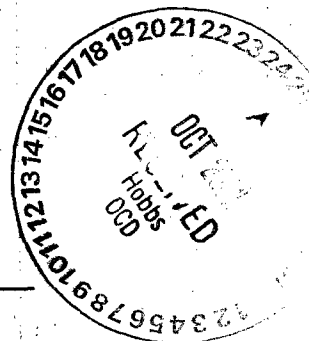
% RECOVERY

Dibromofluoromethane	88
Toluene-d8	83
Bromofluorobenzene	80

METHODS: EPA SW 846-8260, 1311


Burgess J. A. Cooke Ph. D.

7/11/01
Date



PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/16/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5970-18
Sample ID: RAMSEY

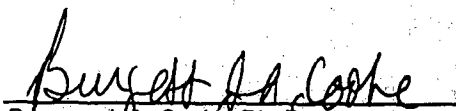
Extraction Date: 07/12/01
Analysis Date: 07/13/01
Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5970-18	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.100	<0.005	0.013	26	0.050
1,4-Dichlorobenzene	7.50	<0.100	<0.005	0.028	56	0.050
o-Cresol	200	<0.100	<0.005	0.034	68	0.050
m, p-Cresol	200	<0.100	<0.005	0.035	70	0.050
Hexachloroethane	3.00	<0.100	<0.005	0.024	48	0.050
Nitrobenzene	2.00	<0.100	<0.005	0.041	82	0.050
Hexachloro-1,3-butadiene	0.500	<0.100	<0.005	0.026	52	0.050
2,4,6-Trichlorophenol	2.00	<0.100	<0.005	0.035	70	0.050
2,4,5-Trichlorophenol	400	<0.100	<0.005	0.033	66	0.050
2,4-Dinitrotoluene	0.130	<0.100	<0.005	0.039	78	0.050
Hexachlorobenzene	0.130	<0.100	<0.005	0.041	82	0.050
Pentachlorophenol	100	<0.100	<0.005	0.036	72	0.050

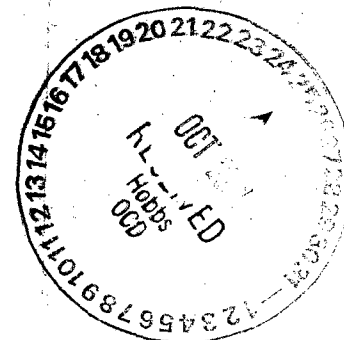
% RECOVERY

Fluorophenol	54
Phenol-d5	40
Nitrobenzene-d5	108
2-Fluorobiphenyl	85
2,4,6-Tribromophenol	83
Terphenyl-d14	103

METHODS: EPA SW 846-8270, 1311, 3510


Burgess J. A. Cooke, Ph. D.

7/16/01
Date



PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/12/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/GP

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
------------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

ANALYSIS DATE:	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:	5	5	100	1	5	5	0.2	1
H5970-1 TT	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-2 ZIA BOOSTER	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-3 LUSK	<1	<1	<5	<0.1	<1	<2	<0.02	<0.1
H5970-4 CHAVEZ	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-5 WTT #2	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-8 REDLAKE	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-9 SKELLY	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-10 WTT #1	<1	<1	<5	<0.1	<1	<2	<0.02	<0.1
H5970-11 CL	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-15 PARDUE	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-17 CEDAR CANYON	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-18 RAMSEY	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-19 STATELINE	<1	<1	<5	<0.2	<2	<1	<0.02	<0.1
Quality Control	0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC	0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery	104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference	1.8	0.1	4.0	0.6	1.0	4.0	10.8	1.2

METHODS: EPA 1311, 600/4-79-02	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
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Chemist

Date

07/16/2001

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/BC

REACTIVITY

LAB NO.	SAMPLE ID	Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
ANALYSIS DATE:		07/12/01	07/12/01	07/09/01	07/09/01
H5970-1	TT	Not reactive	Not reactive	5.32	>140
H5970-2	ZIA BOOSTER	Not reactive	Not reactive	6.56	>140
H5970-3	LUSK	Not reactive	Not reactive	5.13	>140
H5970-4	CHAVEZ	Not reactive	Not reactive	6.25	>140
H5970-5	WTT #2	Not reactive	Not reactive	5.12	>140
H5970-8	REDLAKE	Not reactive	Not reactive	6.95	>140
H5970-9	SKELLY	Not reactive	Not reactive	6.48	>140
H5970-10	WTT #1	Not reactive	Not reactive	5.29	>140
H5970-11	CL	Not reactive	Not reactive	5.21	>140
H5970-15*	PARDUE	Not reactive	Not reactive	5.14	92
H5970-17**	CEDAR CANYON	Not reactive	Not reactive	5.21	>140
H5970-18**	RAMSEY	Not reactive	Not reactive	6.70	>140
H5970-19**	STATELINE	Not reactive	Not reactive	6.87	>140
Quality Control		NR	NR	6.98	NR
True Value QC		NR	NR	7.00	NR
% Recovery		NR	NR	99.7	NR
Relative Percent Difference		NR	NR	0.1	NR

METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261

*Reactivities determined on 07/13/01.

**Reactivities determined on 07/16/01.

Chemist

Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 3

Company Name: <u>Conoco</u>		BILL TO										ANALYSIS REQUEST													
Project Manager: <u>Jeff Drew</u>		P.O. #: <u>Jeff</u>		Company: <u>Conoco</u>																					
Address: <u>P.O. Box 90</u>		Attn: <u>Jeff</u>																							
City: <u>Malaga</u>		State: <u>NM</u>		Zip: <u>88264</u>																					
Phone #: <u>505 676 3503</u>		Fax #: <u>505 676 2401</u>																							
Project #: <u>Malaga</u>		City: <u>Malaga</u>																							
Project Name: <u>Malaga</u>		State: <u>NM</u>		Zip: <u>88264</u>																					
Project Location: <u>Malaga</u>		Phone #: <u>505 676 3503</u>																							
Sampler Name: <u>Malaga</u>		Fax #: <u>505 676 2401</u>																							
FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING																			
Lab I.D.		# CONTAINERS		(G) RAB OR (C) OMP		GROUNDWATER		WASTEWATER		SOL		CRUDE OIL		SLUDGE		OTHER: ACID/BASE		ICE / COOL		OTHER:		DATE		TIME	
45970-11	CL																								
45970-12	Calena																								
45970-13	PG																								
45970-14	Cotton Draw																								
45970-15	Pardue																								
45970-16	DEC																								
45970-17	Cedar Canyon																								
45970-18	Runway																								
45970-19	Stableline																								

PLEASE NOTE: Utility and Conoco, Cardinal's liability and alert's exclusion remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analysis. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Sampler Requisitioned:		Date: <u>7-6-01</u>		Time: <u>7:08 pm</u>		Received By: <u>Jeff Drew</u>		Revised By: (Lab Staff) <u>Jeff Drew</u>		Checked By: (Initials) <u>Jeff Drew</u>	
Delivered By: (Circle One) <u>UPS</u>		Date: <u>7-6-01</u>		Time: <u>7:08 pm</u>		Received By: (Lab Staff) <u>Jeff Drew</u>		Revised By: (Lab Staff) <u>Jeff Drew</u>		Checked By: (Initials) <u>Jeff Drew</u>	
Sampler - UPS - Bus - Other:		Date: <u>7-6-01</u>		Time: <u>7:08 pm</u>		Received By: (Lab Staff) <u>Jeff Drew</u>		Revised By: (Lab Staff) <u>Jeff Drew</u>		Checked By: (Initials) <u>Jeff Drew</u>	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

NOV 15 2001

Environmental Bureau
Oil Conservation Division

Form C-138
Revised March 17, 1995

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator Conoco, Inc.
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site Malaga
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter Hughes/ Steve Carter
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	New Mexico
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:

10-22-01R

Used lube oil generated by engine and compressor operations.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02 for recycle at CRI treating plant.



Estimated Volume 350 gallons cy Known Volume (to be entered by the operator at the end of the haul) cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: TITLE: DATE:
APPROVED BY: TITLE: DATE: 10-5-01

CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"

COMPANY / GENERATOR Conoco Inc (NGGP)

ADDRESS 921 W. Sanger, Hobbs NM

GENERATING SITE P+P Malaga

COUNTY Eddy STATE NM

TYPE OF WASTE Used Lube oil

ESTIMATED VOLUME 350 Gallons

GENERATING PROCESS Engine / Compressor
operation

REMARKS For all shipments through 10-31-02

NMOCD FACILITY Controlled Recovery Inc

TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking
CR Trucking / Pro cycle trucking

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 2613/

AGENT Mark Bishop

SIGNATURE

NAME Mark Bishop

PRINTED

ADDRESS 921 W Sanger

Hobbs NM 88240

DATE 7-30-01





PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/16/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5970-25
Sample ID: MALAGA

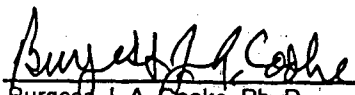
Extraction Date: 07/12/01
Analysis Date: 07/13/01
Sampling Date: 07/06/01
Sample Type: SOLID (OIL)
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5970-25	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.050	<0.005	0.013	26	0.050
1,4-Dichlorobenzene	7.50	<0.050	<0.005	0.028	56	0.050
o-Cresol	200	<0.050	<0.005	0.034	68	0.050
m, p-Cresol	200	<0.050	<0.005	0.035	70	0.050
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Nitrobenzene	2.00	<0.050	<0.005	0.041	82	0.050
Hexachloro-1,3-butadiene	0.500	<0.050	<0.005	0.026	52	0.050
2,4,6-Trichlorophenol	2.00	<0.050	<0.005	0.035	70	0.050
2,4,5-Trichlorophenol	400	<0.050	<0.005	0.033	66	0.050
2,4-Dinitrotoluene	0.130	<0.050	<0.005	0.039	78	0.050
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Pentachlorophenol	100	<0.050	<0.005	0.036	72	0.050

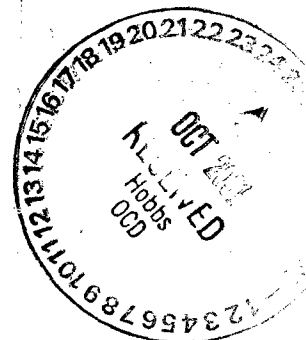
% RECOVERY

Fluorophenol	69
Phenol-d5	60
Nitrobenzene-d5	80
2-Fluorobiphenyl	72
2,4,6-Tribromophenol	69
Terphenyl-d14	70

METHODS: EPA SW 846-8270, 1311, 3510


Burgess J. A. Cooke, Ph. D.

7/16/01
Date



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ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/11/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5970-25
Sample ID: MALAGA

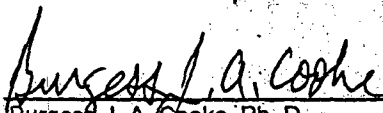
Analysis Date: 07/09/01
Sampling Date: 07/06/01
Sample Type: SOLID (OIL)
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5970-25	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.005	<0.005	0.108	108	0.100
1,1-Dichloroethylene	0.7	<0.005	<0.005	0.095	95	0.100
Methyl Ethyl Ketone	200	0.077	<0.050	0.110	110	0.100
Chloroform	6.0	0.014	<0.005	0.091	91	0.100
1,2-Dichloroethane	0.5	<0.005	<0.005	0.098	98	0.100
Benzene	0.5	0.040	<0.005	0.098	98	0.100
Carbon Tetrachloride	0.5	<0.005	<0.005	0.110	110	0.100
Trichloroethylene	0.5	<0.005	<0.005	0.103	103	0.100
Tetrachloroethylene	0.7	<0.005	<0.005	0.100	100	0.100
Chlorobenzene	100	<0.005	<0.005	0.104	104	0.100
1,4-Dichlorobenzene	7.5	<0.005	<0.005	0.092	92	0.100

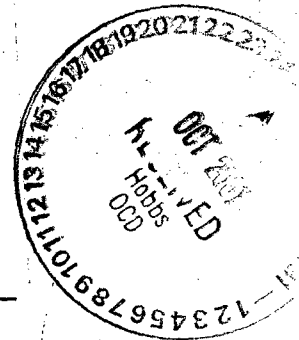
% RECOVERY

Dibromofluoromethane	102
Toluene-d8	95
Bromofluorobenzene	98

METHODS: EPA SW 846-8260, 1311


Burgess J. A. Cooke, Ph. D.

7/11/01
Date



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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/BC/GP

REACTIVITY

LAB NO.	SAMPLE ID	Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
---------	-----------	------------------	------------------	---------------------	----------------------

ANALYSIS DATE:		07/12/01	07/12/01	07/14/01	07/12/01
H5970-6	AR	Not reactive	Not reactive	7.08	>140***
H5970-7	KEM	Not reactive	Not reactive	7.32	>140***
H5970-12	CALMON	Not reactive	Not reactive	7.14	78
H5970-13	PG	Not reactive*	Not reactive*	7.35	76
H5970-14	COTTON DRAW	Not reactive*	Not reactive*	7.40	133
H5970-16	NEC	Not reactive*	Not reactive*	7.43	104
H5970-20	CALMON	Not reactive**	Not reactive**	7.42	76
H5970-21	CURU	Not reactive**	Not reactive**	7.34	79
H5970-22	PG	Not reactive**	Not reactive**	7.27	>140
H5970-23	CABIN LAKE	Not reactive**	Not reactive**	7.24	107
H5970-24	RAMSEY	Not reactive**	Not reactive**	7.29	>140
H5970-25	MALAGA	Not reactive**	Not reactive**	7.65	>140
Quality Control		NR	NR	6.98	NR
True Value QC		NR	NR	7.00	NR
% Recovery		NR	NR	99.7	NR
Relative Percent Difference		NR	NR	0.5	NR

METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261

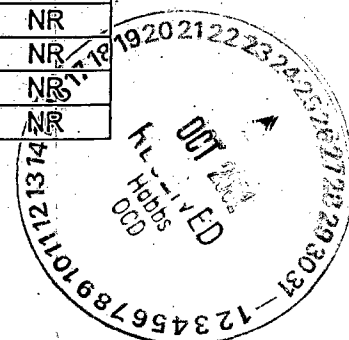
*Analysis date: 07/13/01.

**Analysis date: 07/16/01.

***Analysis date: 07/14/01.

Burgess J. Cohen
Chemist

7/16/01
Date



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PHONE (505) 383-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/12/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/06/01
Sample Type: SOLID (OIL)
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH/GP

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:		07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:		5	5	100	1	5	5	0.2	1
H5970-6	AR	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-7	KEM	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-12	CALMON	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-13	PG	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-14	COTTON DRAW	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-16	NEC	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-20	CALMON	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-21	CURU	<1	<1	<5	<0.2	<2	<1	<0.02	<0.1
H5970-22	PG	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-23	CABIN LAKE	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-24	RAMSEY	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-25	MALAGA	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
Quality Control		0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC		0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery		104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference		1.8	0.1	4.0	0.6	1.0	4.0	10.8	1.2
METHODS: EPA 1311, 600/4-79-02		206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2

Chemist

Date

07/16/2001

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ARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020² (505) 393-2326 Fax (505) 393-2476

BILL TO										ANALYSIS REQUEST									
Company Name: Consolid					P.O. #: 3288														
Project Manager: W. A. Davis					Company: Consolid														
Address: P.O. Box 90					Attn: W. A. Davis														
City: Maljamar State: NM Zip: 88264					Address: P.O. Box 90														
Phone #: 505 676 3503 Fax #: 505 676 2401					City: Maljamar														
Project #: 					State: NM Zip: 88264														
Project Name: 					Phone #: 505 676 3503														
Project Location: 					Fax #: 505 676 2401														
Sampler Name: 																			

Lab I.D.	Sample I.D.	(G) RAB OR (C) OMP	# CONTAINERS	MATRIX						PRESERV			DATE	TIME	OTHER
				GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER	ACID/BASE	ICE/COOL	OTHER			
15470-20	Calmar												7:00 AM		
21	CURV												10:30 PM		
22	PG														
23	Cabin Lake														
24	Ranney														
25	Maljama														

Date: 7/1/01 Time: 4:12 PM		Received By: B. J. Davis (Signature)	
Date: 7/1/01 Time: 4:12 PM		Received By: (Lab Staff) (Signature)	

Relinquished By: Date: Time: 		Checked By: Date: Time: 	
---	--	--	--

Returned By: (Circle One) Sampler - UPS - Bus - Other: 		Sample Condition: Cool ☐ Intact ☐ Yes ☐ No ☐	
--	--	---	--

Remarks: **Priority on Cabin Lake**

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
8111 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

NOV 5 2001

Environmental Bureau
Oil Conservation Division

Form C-138
Revised March 17, 1995

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

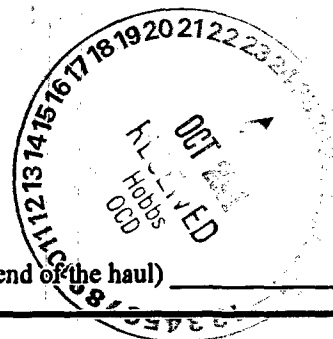
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒	4. Generator Conoco, Inc. 5. Originating Site Ramsey Compressor 6. Transporter Hughes/ Steve Carter 8. State New Mexico New Mexico
2. Management Facility Destination Controlled Recovery, Inc.	
3. Address of Facility Operator P.O. Box 388, Hobbs	
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	
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:

10-22-01T

Used lube oil generated by engine and compressor operations.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02 for recycle at CRI treating plant.



Estimated Volume 500 gallons cy Known Volume (to be entered by the operator at the end of the haul) cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: [Signature] TITLE: Environmental Geologist DATE: 11-5-01
APPROVED BY: [Signature] TITLE: DATE:

11-5-01-7

**CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"**

COMPANY / GENERATOR Conoco Inc (NGGP)

ADDRESS 921 W. Sanger, Hobb NM

GENERATING SITE Ramy Compressor

COUNTY Leaves STATE NM

TYPE OF WASTE Used Lube oil

ESTIMATED VOLUME 500 Gallons

GENERATING PROCESS Engine / Compressor
operation

REMARKS For all shipments through 10-31-02

NMOCD FACILITY Controlled Recovery Inc

TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking
CRI Trucking / Pro cycle trucking

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.3.

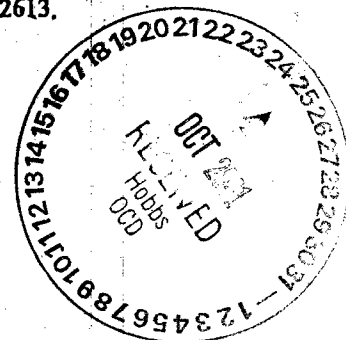
AGENT Mark Bishop
SIGNATURE

NAME Mark Bishop
PRINTED

ADDRESS 921 W Sanger

Hobbs NM 88240

DATE 7-30-01





CARDINAL
LABORATORIES

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ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/11/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5970-24
Sample ID: RAMSEY

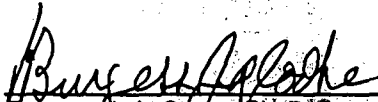
Analysis Date: 07/09/01
Sampling Date: 07/06/01
Sample Type: SOLID (OIL)
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5970-24	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.005	<0.005	0.108	108	0.100
1,1-Dichloroethylene	0.7	<0.005	<0.005	0.095	95	0.100
Methyl Ethyl Ketone	200	<0.050	<0.050	0.110	110	0.100
Chloroform	6.0	0.006	<0.005	0.091	91	0.100
1,2-Dichloroethane	0.5	<0.005	<0.005	0.098	98	0.100
Benzene	0.5	<0.005	<0.005	0.098	98	0.100
Carbon Tetrachloride	0.5	<0.005	<0.005	0.110	110	0.100
Trichloroethylene	0.5	<0.005	<0.005	0.103	103	0.100
Tetrachloroethylene	0.7	<0.005	<0.005	0.100	100	0.100
Chlorobenzene	100	<0.005	<0.005	0.104	104	0.100
1,4-Dichlorobenzene	7.5	<0.005	<0.005	0.092	92	0.100

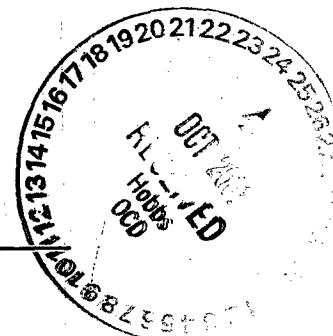
% RECOVERY

Dibromofluoromethane	92
Toluene-d8	83
Bromofluorobenzene	84

METHODS: EPA SW 846-8260, 1311


Burgess A. Cooke, Ph.D.

7/11/01
Date



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ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-24

Sample ID: RAMSEY

Extraction Date: 07/12/01

Analysis Date: 07/13/01

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BC

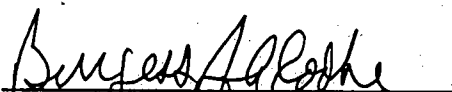
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5970-24	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.050	<0.005	0.013	26	0.050
1,4-Dichlorobenzene	7.50	<0.050	<0.005	0.028	56	0.050
o-Cresol	200	<0.050	<0.005	0.034	68	0.050
m, p-Cresol	200	<0.050	<0.005	0.035	70	0.050
Hexachloroethane	3.00	<0.050	<0.005	0.024	48	0.050
Nitrobenzene	2.00	<0.050	<0.005	0.041	82	0.050
Hexachloro-1,3-butadiene	0.500	<0.050	<0.005	0.026	52	0.050
2,4,6-Trichlorophenol	2.00	<0.050	<0.005	0.035	70	0.050
2,4,5-Trichlorophenol	400	<0.050	<0.005	0.033	66	0.050
2,4-Dinitrotoluene	0.130	<0.050	<0.005	0.039	78	0.050
Hexachlorobenzene	0.130	<0.050	<0.005	0.041	82	0.050
Pentachlorophenol	100	<0.050	<0.005	0.036	72	0.050

% RECOVERY

Fluorophenol	61
Phenol-d5	39
Nitrobenzene-d5	77
2-Fluorobiphenyl	61
2,4,6-Tribromophenol	65
Terphenyl-d14	70

METHODS: EPA SW 846-8270, 1311, 3510


Burgess J. A. Cooke, Ph. D.

2/16/01
Date



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ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/12/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/GP

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:		07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:		5	5	100	1	5	5	0.2	1
H5970-6	AR	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-7	KEM	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-12	CALMON	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-13	PG	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-14	COTTON DRAW	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-16	NEC	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-20	CALMON	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-21	CURU	<1	<1	<5	<0.2	<2	<1	<0.02	<0.1
H5970-22	PG	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-23	CABIN LAKE	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-24	RAMSEY	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-25	MALAGA	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
Quality Control		0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC		0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery		104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference		1.8	0.1	4.0	0.6	1.0	4.0	10.8	1.2
METHODS: EPA 1311, 600/4-79-02		206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2

Chemist

Date

07/16/2001

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BG

Analyzed By: AH/BC/GP

REACTIVITY

LAB NO.	SAMPLE ID	Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
---------	-----------	------------------	------------------	---------------------	----------------------

ANALYSIS DATE:		07/12/01	07/12/01	07/14/01	07/12/01
H5970-6	AR	Not reactive	Not reactive	7.08	>140***
H5970-7	KEM	Not reactive	Not reactive	7.32	>140***
H5970-12	CALMON	Not reactive	Not reactive	7.14	78
H5970-13	PG	Not reactive*	Not reactive*	7.35	76
H5970-14	COTTON DRAW	Not reactive*	Not reactive*	7.40	133
H5970-16	NEC	Not reactive*	Not reactive*	7.43	104
H5970-20	CALMON	Not reactive**	Not reactive**	7.42	76
H5970-21	CURU	Not reactive**	Not reactive**	7.34	79
H5970-22	PG	Not reactive**	Not reactive**	7.27	>140
H5970-23	CABIN LAKE	Not reactive**	Not reactive**	7.24	107
H5970-24	RAMSEY	Not reactive**	Not reactive**	7.29	>140
H5970-25	MALAGA	Not reactive**	Not reactive**	7.65	>140
Quality Control		NR	NR	6.98	NR
True Value QC		NR	NR	7.00	NR
% Recovery		NR	NR	99.7	NR
Relative Percent Difference		NR	NR	0.5	NR

METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261

*Analysis date: 07/13/01.

**Analysis date: 07/16/01.

***Analysis date: 07/14/01.

Chemist

Date

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1625 N. French Dr., Hobbs, NM 88240
District II
8111 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

NOV 05 2001

Form C-138
Revised March 17, 1995

Environmental Bureau
Oil Conservation Division

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

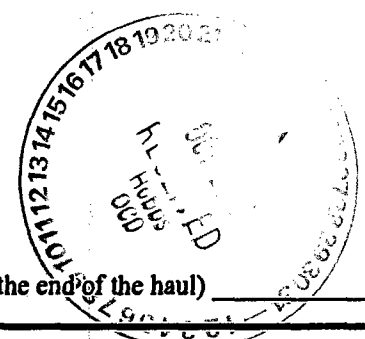
1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator Conoco, Inc.
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site Pure Gold Compressor
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter Hughes/Steve Carter
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	New Mexico
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:

10-22-01Y

Used lube oil generated by engine and compressor operations.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02 for recycle at CRI treating plant.



Estimated Volume 1,000 gallons cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____
APPROVED BY: Monty J. Kelly TITLE: Environmental Analyst DATE: 11-5-01

110501-C

CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"

COMPANY / GENERATOR Conoco Inc (NCGP)

ADDRESS 921 W. Sanger, Hobbs NM

GENERATING SITE Pure Gold Compressor

COUNTY EDA STATE NM

TYPE OF WASTE Used Lube oil

ESTIMATED VOLUME 1000 Gallons

GENERATING PROCESS Engine / Compressor
operation

REMARKS For all shipments through 10-31-02

NMOCD FACILITY Controlled Recovery Inc

TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking
CHI Trucking / Pro cycle trucking

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.3.

AGENT Mark Bishop

SIGNATURE

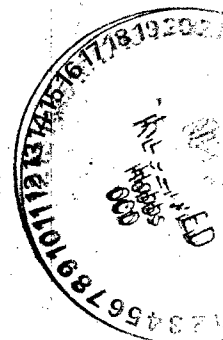
NAME Mark Bishop

PRINTED

ADDRESS 921 W Sanger

Hobbs NM 88240

DATE 9-30-01





PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/11/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-22

Sample ID: PG

Analysis Date: 07/09/01

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BC

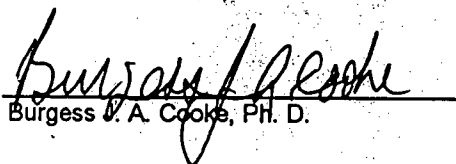
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5970-22	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.005	<0.005	0.108	108	0.100
1,1-Dichloroethylene	0.7	<0.005	<0.005	0.095	95	0.100
Methyl Ethyl Ketone	200	<0.050	<0.050	0.110	110	0.100
Chloroform	6.0	0.007	<0.005	0.091	91	0.100
1,2-Dichloroethane	0.5	<0.005	<0.005	0.098	98	0.100
Benzene	0.5	0.008	<0.005	0.098	98	0.100
Carbon Tetrachloride	0.5	<0.005	<0.005	0.110	110	0.100
Trichloroethylene	0.5	<0.005	<0.005	0.103	103	0.100
Tetrachloroethylene	0.7	<0.005	<0.005	0.100	100	0.100
Chlorobenzene	100	<0.005	<0.005	0.104	104	0.100
1,4-Dichlorobenzene	7.5	<0.005	<0.005	0.092	92	0.100

% RECOVERY

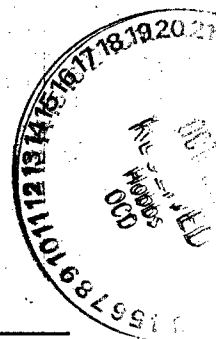
Dibromofluoromethane	113
Toluene-d8	105
Bromofluorobenzene	105

METHODS: EPA SW 846-8260, 1311


Burgess A. Cooke, Ph. D.

Date

7/11/01



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ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/16/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5970-22
Sample ID: PG

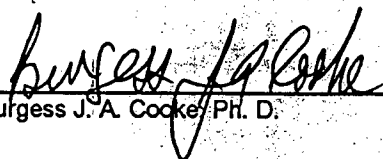
Extraction Date: 07/12/01
Analysis Date: 07/13/01
Sampling Date: 07/06/01
Sample Type: SOLID (OIL)
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5970-22	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.050	<0.005	0.013	26	0.050
1,4-Dichlorobenzene	7.50	<0.050	<0.005	0.028	56	0.050
o-Cresol	200	<0.050	<0.005	0.034	68	0.050
m, p-Cresol	200	<0.050	<0.005	0.035	70	0.050
Hexachloroethane	3.00	<0.050	<0.005	0.024	48	0.050
Nitrobenzene	2.00	<0.050	<0.005	0.041	82	0.050
Hexachloro-1,3-butadiene	0.500	<0.050	<0.005	0.026	52	0.050
2,4,6-Trichlorophenol	2.00	<0.050	<0.005	0.035	70	0.050
2,4,5-Trichlorophenol	400	<0.050	<0.005	0.033	66	0.050
2,4-Dinitrotoluene	0.130	<0.050	<0.005	0.039	78	0.050
Hexachlorobenzene	0.130	<0.050	<0.005	0.041	82	0.050
Pentachlorophenol	100	<0.050	<0.005	0.036	72	0.050

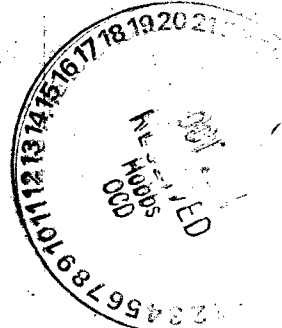
% RECOVERY

Fluorophenol	70
Phenol-d5	60
Nitrobenzene-d5	76
2-Fluorobiphenyl	62
2,4,6-Tribromophenol	71
Terphenyl-d14	70

METHODS: EPA SW 846-8270, 1311, 3510


Burgess J. A. Cooke, Ph. D.

7/16/01
Date



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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/12/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/06/01
Sample Type: SOLID (OIL)
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH/GP

TCLP METALS

LAB NUMBER SAMPLE ID

As ppm Ag ppm Ba ppm Cd ppm Cr ppm Pb ppm Hg ppm Se ppm

ANALYSIS DATE:	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:	5	5	100	1	5	5	0.2	1
H5970-6 AR	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-7 KEM	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-12 CALMON	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-13 PG	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-14 COTTON DRAW	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-16 NEC	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-20 CALMON	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-21 CURU	<1	<1	<5	<0.2	<2	<1	<0.02	<0.1
H5970-22 PG	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-23 CABIN LAKE	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-24 RAMSEY	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-25 MALAGA	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
Quality Control	0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC	0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery	104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference	1.8	0.1	4.0	0.6	1.0	4.0	10.8	1.2

METHODS: EPA 1311, 600/4-79-02	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
--------------------------------	-------	-------	-------	-------	-------	-------	-------	-------

Chemist

Date

07/16/2001

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ARDINAL LABORATORIES

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR

CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BO

Analyzed By: AH/BC/GP

REACTIVITY

LAB NO.	SAMPLE ID	Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
---------	-----------	------------------	------------------	---------------------	----------------------

ANALYSIS DATE:	07/12/01	07/12/01	07/14/01	07/12/01
H5970-6 AR	Not reactive	Not reactive	7.08	>140***
H5970-7 KEM	Not reactive	Not reactive	7.32	>140***
H5970-12 CALMON	Not reactive	Not reactive	7.14	78
H5970-13 PG	Not reactive*	Not reactive*	7.35	76
H5970-14 COTTON DRAW	Not reactive*	Not reactive*	7.40	133
H5970-16 NEC	Not reactive*	Not reactive*	7.43	104
H5970-20 CALMON	Not reactive**	Not reactive**	7.42	76
H5970-21 CURU	Not reactive**	Not reactive**	7.34	79
H5970-22 PG	Not reactive**	Not reactive**	7.27	>140
H5970-23 CABIN LAKE	Not reactive**	Not reactive**	7.24	107
H5970-24 RAMSEY	Not reactive**	Not reactive**	7.29	>140
H5970-25 MALAGA	Not reactive**	Not reactive**	7.65	>140
Quality Control	NR	NR	6.98	NR
True Value QC	NR	NR	7.00	NR
% Recovery	NR	NR	99.7	NR
Relative Percent Difference	NR	NR	0.5	NR

METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261

*Analysis date: 07/13/01.

**Analysis date: 07/16/01.

***Analysis date: 07/14/01.

Chemist

Date

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2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page 3 of 3

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

2111 Beechwood, Abilene, TX 79603 101 East Mariand, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1995
RECEIVED
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Submit Original
Plus 1 Copy
to Appropriate
District Office

Environmental Bureau
Oil Conservation Division

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator Conoco, Inc.
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site Zia Compressor
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter Hughes/Steve Carter
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	New Mexico

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:

10-22-01Z

Waste water generated by engine wash water, rain water run off, and lube oil leaked from compressor.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02.

Estimated Volume 750 gallons cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: [Signature] TITLE: Environmental Engineer DATE: 11-30-01

APPROVED BY: [Signature] TITLE: Environmental Geologist DATE: 11-05-01

10501-9

**CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"**

COMPANY / GENERATOR Conoco Inc. (NGGP)

ADDRESS 921 W Sanger, Hobbs NM

GENERATING SITE 31a Compressor

COUNTY Lea STATE NM

TYPE OF WASTE Oily Waste water

ESTIMATED VOLUME 750 Gallons

GENERATING PROCESS engine wash water,
rainwater runoff, lube oil leaked from Compressor

REMARKS For all shipments through 10-31-02

NMOCD FACILITY Controlled Recovery Inc

TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking

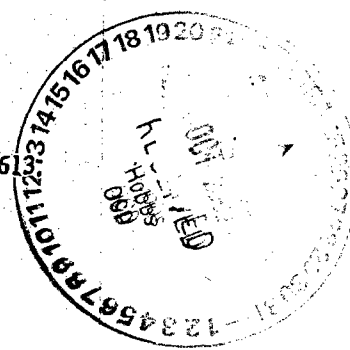
As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR Part 261 to verify the nature as non-hazardous. I further certify that to my knowledge "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.33-261.34.

AGENT Mark Bishop
SIGNATURE

NAME Mark Bishop
PRINTED

ADDRESS 921 W Sanger
Hobbs, NM 88240

DATE 7-30-01





PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-2

Sample ID: ZIA BOOSTER

Extraction Date: 07/10/01

Analysis Date: 07/12/01

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

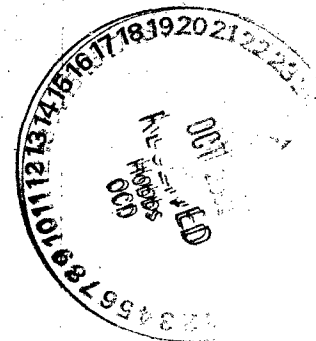
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5970-2	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.100	<0.005	0.019	38	0.050
1,4-Dichlorobenzene	7.50	<0.100	<0.005	0.032	64	0.050
o-Cresol	200	<0.100	<0.005	0.035	70	0.050
m, p-Cresol	200	<0.100	<0.005	0.040	80	0.050
Hexachloroethane	3.00	<0.100	<0.005	0.026	52	0.050
Nitrobenzene	2.00	<0.100	<0.005	0.043	86	0.050
Hexachloro-1,3-butadiene	0.500	<0.100	<0.005	0.030	60	0.050
2,4,6-Trichlorophenol	2.00	<0.100	<0.005	0.045	90	0.050
2,4,5-Trichlorophenol	400	<0.100	<0.005	0.045	90	0.050
2,4-Dinitrotoluene	0.130	<0.100	<0.005	0.046	92	0.050
Hexachlorobenzene	0.130	<0.100	<0.005	0.047	94	0.050
Pentachlorophenol	100	<0.100	<0.005	0.045	90	0.050

% RECOVERY

Fluorophenol	44
Phenol-d5	56
Nitrobenzene-d5	56
2-Fluorobiphenyl	89
2,4,6-Tribromophenol	88
Terphenyl-d14	88

METHODS: EPA SW 846-8270, 1311, 3510

Burgess J.A. Cooke, Ph. D.7/16/01
Date

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ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2328 • 101 E MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/07/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-2

Sample ID: ZIA BOOSTER

Analysis Date: 07/06/01

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5970-2	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.025	<0.005	0.110	110	0.100
1,1-Dichloroethylene	0.7	<0.025	<0.005	0.099	99	0.100
Methyl Ethyl Ketone	200	0.595	<0.050	0.099	99	0.100
Chloroform	6.0	<0.025	<0.005	0.101	101	0.100
1,2-Dichloroethane	0.5	<0.025	<0.005	0.113	113	0.100
Benzene	0.5	0.085	<0.005	0.104	104	0.100
Carbon Tetrachloride	0.5	<0.025	<0.005	0.090	90	0.100
Trichloroethylene	0.5	<0.025	<0.005	0.102	102	0.100
Tetrachloroethylene	0.7	<0.025	<0.005	0.085	85	0.100
Chlorobenzene	100	<0.025	<0.005	0.096	96	0.100
1,4-Dichlorobenzene	7.5	<0.025	<0.005	0.085	85	0.100

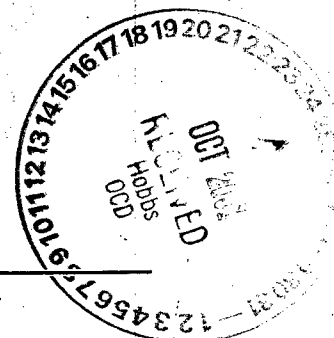
% RECOVERY

Dibromofluoromethane	100
Toluene-d8	104
Bromofluorobenzene	104

METHODS: EPA SW 846-8260, 1311


Burgess J. A. Cooke, Ph.D.

7/7/01
Date



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ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: WASTEWATER

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/BC

LAB NO.	SAMPLE ID	REACTIVITY			
		Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
ANALYSIS DATE:		07/12/01	07/12/01	07/09/01	07/09/01
H5970-1	TT	Not reactive	Not reactive	5.32	>140
H5970-2	ZIA BOOSTER	Not reactive	Not reactive	6.56	>140
H5970-3	LUSK	Not reactive	Not reactive	5.13	>140
H5970-4	CHAVEZ	Not reactive	Not reactive	6.25	>140
H5970-5	WTT #2	Not reactive	Not reactive	5.12	>140
H5970-8	REDLAKE	Not reactive	Not reactive	6.95	>140
H5970-9	SKELLY	Not reactive	Not reactive	6.48	>140
H5970-10	WTT #1	Not reactive	Not reactive	5.29	>140
H5970-11	CL	Not reactive	Not reactive	5.21	>140
H5970-15*	PARDUE	Not reactive	Not reactive	5.14	92
H5970-17**	CEDAR CANYON	Not reactive	Not reactive	5.21	>140
H5970-18**	RAMSEY	Not reactive	Not reactive	6.70	>140
H5970-19**	STATELINE	Not reactive	Not reactive	6.87	>140
Quality Control		NR	NR	6.98	NR
True Value QC		NR	NR	7.00	NR
% Recovery		NR	NR	99.7	NR
Relative Percent Difference		NR	NR	0.1	NR

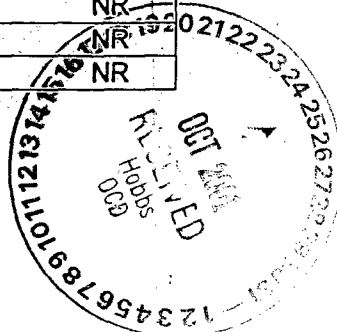
METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261

*Reactivities determined on 07/13/01.

**Reactivities determined on 07/16/01.

Jeff Driver
Chemist

7/16/01
Date



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ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/12/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/06/01
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH/GP

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
------------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

ANALYSIS DATE:	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:	5	5	100	1	5	5	0.2	1
H5970-1 TT	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-2 ZIA BOOSTER	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-3 LUSK	<1	<1	<5	<0.1	<1	<2	<0.02	<0.1
H5970-4 CHAVEZ	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-5 WTT #2	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-8 REDLAKE	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-9 SKELLY	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-10 WTT #1	<1	<1	<5	<0.1	<1	<2	<0.02	<0.1
H5970-11 CL	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-15 PARDUE	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-17 CEDAR CANYON	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-18 RAMSEY	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-19 STATELINE	<1	<1	<5	<0.2	<2	<1	<0.02	<0.1
Quality Control	0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC	0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery	104	96.1	92.2	101	101	97.5	109	192
Relative Percent Difference	1.8	0.1	4.0	0.6	1.0	4.0	10.8	1.2

METHODS: EPA 1311, 600/4-79-02	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
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Chemist

Date

07/16/2001

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of

CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 - (505) 393-2325 Fax (505) 393-2476

ANALYSIS REQUEST	
Company Name: <u>Conaco Inc</u> Project Manager: <u>Jeff Davis</u> Address: <u>P.O. Box 90</u> City: <u>Maljamar</u> State: <u>NM</u> Zip: <u>88264</u> Phone #: <u>505 676 2401</u> Fax #: <u>505 676 2401</u> Project #: <u> </u> Project Owner: <u> </u> Project Name: <u> </u> Project Location: <u> </u> Sampler Name: <u> </u>	Lab I.D. <u> </u> Sample I.D. <u> </u> <u>158241</u> <u>TR</u> <u>2</u> <u>Zia Boeste</u> <u>3</u> <u>Lusk</u> <u>4</u> <u>Chaz</u> <u>5</u> <u>WTT #2</u> <u>6</u> <u>AR</u> <u>7</u> <u>Kem</u> <u>8</u> <u>Kedra</u> <u>9</u> <u>Skills</u> <u>10</u> <u>WTT #1</u>
Matrix: ☐ WASTEWATER ☐ GROUNDWATER ☐ SOIL ☐ CRUDE OIL ☐ SLUDGE ☐ OTHER: <u> </u>	Preserv: ☐ ICE/COOL ☐ ACID/BASE ☐ OTHER: <u> </u>
Containers: ☐ (G)RAB OR (C)OMP. ☐ # CONTAINERS: <u> </u>	SAMPLING DATE <u>7-6-01</u> TIME <u>7:00 AM</u> <u>7-6-01</u> <u>7-6-01</u> <u>7-6-01</u> <u>7-6-01</u> <u>7-6-01</u> <u>7-6-01</u> <u>7-6-01</u> <u>7-6-01</u>
FOR LAB USE ONLY Lab I.D. <u> </u> Sample I.D. <u> </u> <u>158241</u> <u>TR</u> <u>2</u> <u>Zia Boeste</u> <u>3</u> <u>Lusk</u> <u>4</u> <u>Chaz</u> <u>5</u> <u>WTT #2</u> <u>6</u> <u>AR</u> <u>7</u> <u>Kem</u> <u>8</u> <u>Kedra</u> <u>9</u> <u>Skills</u> <u>10</u> <u>WTT #1</u>	
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Relinquished By: <u> </u> Delivered By: (Circle One) ☒ <u> </u> ☐ <u> </u> Sampler - UPS - Bus - Other: <u> </u>	Received By: <u> </u> Received By: (Lab Staff) <u> </u> Time: <u>7:00 PM</u> Time: <u>7:00 PM</u> Time: <u>7:00 PM</u> Time: <u>7:00 PM</u> Time: <u>7:00 PM</u> Time: <u>7:00 PM</u> Time: <u>7:00 PM</u> Time: <u>7:00 PM</u> Time: <u>7:00 PM</u> Time: <u>7:00 PM</u> Time: <u>7:00 PM</u>
Phone Result: ☐ Yes ☐ No Add'l Phone #: <u> </u> Fax Result: ☐ Yes ☐ No Add'l Fax #: <u> </u> REMARKS: <u> </u>	REMARKS: <u> </u>

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
8111 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

NOV 05 2001

Environmental Bureau
Oil Conservation Division

Form C-138
Revised March 17, 1995

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator Conoco, Inc.
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site Calmon Compressor
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter Hughes/ Steve Carter
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	New Mexico
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:

10-22-01Q

Used lube oil generated by engine and compressor operations.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02 for recycle at CRI treating plant.



Estimated Volume 1,000 gallons cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01

Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: [Signature] TITLE: Environmental Geologist DATE: 11-17-01
APPROVED BY: [Signature] TITLE: _____ DATE: _____

**CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"**

COMPANY / GENERATOR Conoco Inc (NGGP)

ADDRESS 921 W. Sanger, Hobbs NM

GENERATING SITE Calman Compressor

COUNTY Eddy STATE NM

TYPE OF WASTE Used Lube oil

ESTIMATED VOLUME 1000 Gallons

GENERATING PROCESS Engine / Compressor
operation

REMARKS For all shipments through 10-31-02

NMOCD FACILITY Controlled Recovery Inc

TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking
CRI Trucking / Pro cycle trucking

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 2613.

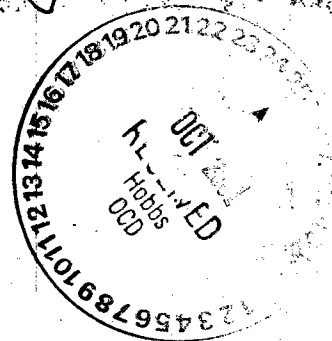
AGENT Mark Bishop
SIGNATURE

NAME Mark Bishop
PRINTED

ADDRESS 921 W Sanger

Hobbs NM 88240

DATE 7-30-01





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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/16/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5970-20
Sample ID: CALMON

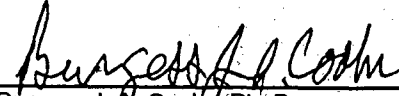
Extraction Date: 07/12/01
Analysis Date: 07/13/01
Sampling Date: 07/06/01
Sample Type: SOLID (OIL)
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5970-20	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.050	<0.005	0.013	26	0.050
1,4-Dichlorobenzene	7.50	<0.050	<0.005	0.028	56	0.050
o-Cresol	200	<0.050	<0.005	0.034	68	0.050
m, p-Cresol	200	<0.050	<0.005	0.035	70	0.050
Hexachloroethane	3.00	<0.050	<0.005	0.024	48	0.050
Nitrobenzene	2.00	<0.050	<0.005	0.041	82	0.050
Hexachloro-1,3-butadiene	0.500	<0.050	<0.005	0.026	52	0.050
2,4,6-Trichlorophenol	2.00	<0.050	<0.005	0.035	70	0.050
2,4,5-Trichlorophenol	400	<0.050	<0.005	0.033	66	0.050
2,4-Dinitrotoluene	0.130	<0.050	<0.005	0.039	78	0.050
Hexachlorobenzene	0.130	<0.050	<0.005	0.041	82	0.050
Pentachlorophenol	100	<0.050	<0.005	0.036	72	0.050

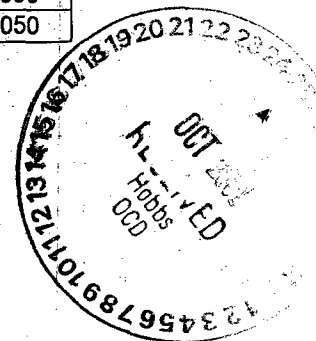
% RECOVERY

Fluorophenol	60
Phenol-d5	52
Nitrobenzene-d5	90
2-Fluorobiphenyl	64
2,4,6-Tribromophenol	70
Terphenyl-d14	82

METHODS: EPA SW 846-8270, 1311, 3510


Burgess J. R. Cooke, Ph. D.

7/16/01
Date



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ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/12/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5970-20
Sample ID: CALMON

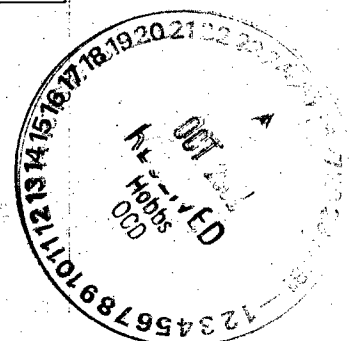
Analysis Date: 07/11/01
Sampling Date: 07/06/01
Sample Type: SOLID (OIL)
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5970-20	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.005	<0.005	0.108	108	0.100
1,1-Dichloroethylene	0.7	<0.005	<0.005	0.095	95	0.100
Methyl Ethyl Ketone	200	<0.050	<0.050	0.110	110	0.100
Chloroform	6.0	0.006	<0.005	0.091	91	0.100
1,2-Dichloroethane	0.5	<0.005	<0.005	0.098	98	0.100
Benzene	0.5	0.006	<0.005	0.098	98	0.100
Carbon Tetrachloride	0.5	<0.005	<0.005	0.110	110	0.100
Trichloroethylene	0.5	<0.005	<0.005	0.103	103	0.100
Tetrachloroethylene	0.7	<0.005	<0.005	0.100	100	0.100
Chlorobenzene	100	<0.005	<0.005	0.104	104	0.100
1,4-Dichlorobenzene	7.5	<0.005	<0.005	0.092	92	0.100

% RECOVERY

Dibromofluoromethane	83
Toluene-d8	85
Bromofluorobenzene	84

METHODS: EPA SW 846-8260, 1311



Burgess A. Cooke
Burgess A. Cooke, Ph. D.

7/12/01
Date

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ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/16/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/06/01
Sample Type: SOLID (OIL)
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH/BC/GP

LAB NO.	SAMPLE ID	REACTIVITY			
		Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
ANALYSIS DATE:		07/12/01	07/12/01	07/14/01	07/12/01
H5970-6	AR	Not reactive	Not reactive	7.08	>140***
H5970-7	KEM	Not reactive	Not reactive	7.32	>140***
H5970-12	CALMON	Not reactive	Not reactive	7.14	78
H5970-13	PG	Not reactive*	Not reactive*	7.35	76
H5970-14	COTTON DRAW	Not reactive*	Not reactive*	7.40	133
H5970-16	NEC	Not reactive*	Not reactive*	7.43	104
H5970-20	CALMON	Not reactive**	Not reactive**	7.42	76
H5970-21	CURU	Not reactive**	Not reactive**	7.34	79
H5970-22	PG	Not reactive**	Not reactive**	7.27	>140
H5970-23	CABIN LAKE	Not reactive**	Not reactive**	7.24	107
H5970-24	RAMSEY	Not reactive**	Not reactive**	7.29	>140
H5970-25	MALAGA	Not reactive**	Not reactive**	7.65	>140
Quality Control		NR	NR	6.98	NR
True Value QC		NR	NR	7.00	NR
% Recovery		NR	NR	99.7	NR
Relative Percent Difference		NR	NR	0.5	NR

METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261

*Analysis date: 07/13/01.

**Analysis date: 07/16/01.

***Analysis date: 07/14/01.

Chemist

Date

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/12/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/06/01
Sample Type: SOLID (OIL)
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH/GP

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
------------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

ANALYSIS DATE:	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:	5	5	100	1	5	5	0.2	1
H5970-6 AR	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-7 KEM	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-12 CALMON	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-13 PG	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-14 COTTON DRAW	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-16 NEC	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-20 CALMON	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-21 CURU	<1	<1	<5	<0.2	<2	<1	<0.02	<0.1
H5970-22 PG	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-23 CABIN LAKE	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-24 RAMSEY	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-25 MALAGA	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
Quality Control	0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC	0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery	104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference	1.8	0.1	4.0	0.6	1.0	4.0	10.8	1.2

METHODS: EPA 1311, 600/4-79-02	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
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Chemist

Date

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page 3 of 3

Company Name: <u>Concho</u>		P.O. #: <u>588</u>		ANALYSIS REQUEST											
Project Manager: <u>SEABER</u>		Company: <u>Concho</u>													
Address: <u>P.O. Box 90</u>		City: <u>Malaga</u>													
State: <u>NM</u> Zip: <u>88264</u>		Address: <u>P.O. Box 90</u>													
Phone #: <u>505 676 2503</u> Fax #: <u>505 676 2401</u>		City: <u>Malaga</u>													
Project #: _____		State: <u>NM</u> Zip: <u>88264</u>													
Project Name: _____		Phone #: <u>505 676 3503</u>													
Project Location: _____		Fax #: <u>505 676 2401</u>													
Sampler Name: _____															

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV			SAMPLING		
				GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE:	ICE/COOL	OTHER:	DATE
AS470-26	Calmar											7:30 AM	
-21	CURV											10:30 PM	
-22	PC												
-23	Cabin Lake												
-24	Ranney												
-25	Malaga												

USE NOTE: Utility and Damages. Cardinal's liability and client's obligation remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the services. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal. Expenses of either party shall be based upon any of the above stated amounts or otherwise.

Sampler Relinquished:		Received By:		Date:		Time:		Phone Result: ☐ Yes ☐ No		Add'l Phone #: _____	
Relinquished By:		Received By: (Lab Staff)		Date:		Time:		Fax Result: ☐ Yes ☐ No		Add'l Fax #: _____	
Delivered By: (Circle One)		Sample Condition		Checked By: (Initials)							
Sampler - UPS - Bus - Other:		Cool ☐ Intact ☐									
		Yes ☐ No ☐									

Priority on Cabin Lake

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1995

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator Conoco, Inc.
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site Calmon CVRU Compressor
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter Hughes/Steve Carter
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	New Mexico
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:

10-22-01S

Used lube oil generated by engine and compressor operations.

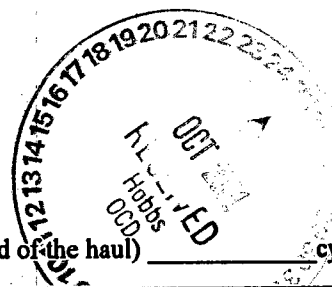
Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02 for recycle at CRI treating plant.

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

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use) Marked
APPROVED BY: DELETED TITLE: Environmental Analyst DATE: 11-17-01
APPROVED BY: _____ TITLE: _____ DATE: _____



110501-2

CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"

COMPANY / GENERATOR Conoco Inc (NGGP)

ADDRESS 921 W. Sanger, Hobbs NM

GENERATING SITE Calmon CURU Compressor

COUNTY Lea STATE NM

TYPE OF WASTE Used Lube oil

ESTIMATED VOLUME 50 Gallons

GENERATING PROCESS Engine / Compressor
operation

REMARKS For all shipments through 10-31-02

NMOCD FACILITY Controlled Recovery Inc

TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking
CRI Trucking / Pro cycle trucking

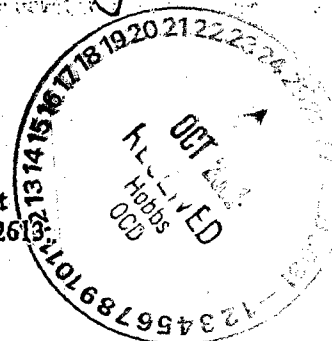
As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR Part 261 to verify the nature as non-hazardous. I further certify that to my knowledge "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 2613.

AGENT Mark Bishop
SIGNATURE

NAME Mark Bishop
PRINTED

ADDRESS 921 W Sanger
Hobbs NM 88240

DATE 7-30-01





PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/16/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5970-21
Sample ID: CURU

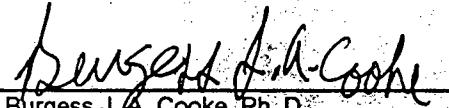
Extraction Date: 07/12/01
Analysis Date: 07/13/01
Sampling Date: 07/06/01
Sample Type: SOLID (OIL)
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5970-21	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.050	<0.005	0.013	26	0.050
1,4-Dichlorobenzene	7.50	<0.050	<0.005	0.028	56	0.050
o-Cresol	200	<0.050	<0.005	0.034	68	0.050
m, p-Cresol	200	<0.050	<0.005	0.035	70	0.050
Hexachloroethane	3.00	<0.050	<0.005	0.024	48	0.050
Nitrobenzene	2.00	<0.050	<0.005	0.041	82	0.050
Hexachloro-1,3-butadiene	0.500	<0.050	<0.005	0.026	52	0.050
2,4,6-Trichlorophenol	2.00	<0.050	<0.005	0.035	70	0.050
2,4,5-Trichlorophenol	400	<0.050	<0.005	0.033	66	0.050
2,4-Dinitrotoluene	0.130	<0.050	<0.005	0.039	78	0.050
Hexachlorobenzene	0.130	<0.050	<0.005	0.041	82	0.050
Pentachlorophenol	100	<0.050	<0.005	0.036	72	0.050

% RECOVERY

Fluorophenol	64
Phenol-d5	53
Nitrobenzene-d5	68
2-Fluorobiphenyl	54
2,4,6-Tribromophenol	73
Terphenyl-d14	68

METHODS: EPA SW 846-8270, 1311, 3510


Burgess J. A. Cooke, Ph. D.

7/16/01
Date



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PHONE (505) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/12/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-21

Sample ID: CURU

Analysis Date: 07/11/01

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5970-21	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.005	<0.005	0.108	108	0.100
1,1-Dichloroethylene	0.7	<0.005	<0.005	0.095	95	0.100
Methyl Ethyl Ketone	200	<0.050	<0.050	0.110	110	0.100
Chloroform	6.0	<0.005	<0.005	0.091	91	0.100
1,2-Dichloroethane	0.5	<0.005	<0.005	0.098	98	0.100
Benzene	0.5	0.080	<0.005	0.098	98	0.100
Carbon Tetrachloride	0.5	<0.005	<0.005	0.110	110	0.100
Trichloroethylene	0.5	<0.005	<0.005	0.103	103	0.100
Tetrachloroethylene	0.7	<0.005	<0.005	0.100	100	0.100
Chlorobenzene	100	<0.005	<0.005	0.104	104	0.100
1,4-Dichlorobenzene	7.5	<0.005	<0.005	0.092	92	0.100

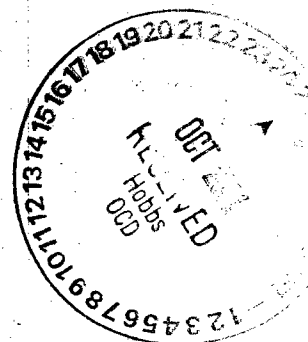
% RECOVERY

Dibromofluoromethane	94
Toluene-d8	101
Bromofluorobenzene	97

METHODS: EPA SW 846-8260, 1311


Burgess J. A. Cooke, Ph. D.

7/12/01
Date



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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/12/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/GP

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:		07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:		5	5	100	1	5	5	0.2	1
H5970-6	AR	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-7	KEM	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-12	CALMON	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-13	PG	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-14	COTTON DRAW	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-16	NEC	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-20	CALMON	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-21	CURU	<1	<1	<5	<0.2	<2	<1	<0.02	<0.1
H5970-22	PG	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-23	CABIN LAKE	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-24	RAMSEY	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-25	MALAGA	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
Quality Control		0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC		0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery		104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference		1.8	0.1	4.0	0.6	1.0	4.0	10.8	1.2
METHODS: EPA 1311, 600/4-79-02		206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2

Chemist

Date

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/BC/GP

REACTIVITY

LAB NO.	SAMPLE ID	Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
---------	-----------	------------------	------------------	---------------------	----------------------

ANALYSIS DATE:		07/12/01	07/12/01	07/14/01	07/12/01
H5970-6	AR	Not reactive	Not reactive	7.08	>140***
H5970-7	KEM	Not reactive	Not reactive	7.32	>140***
H5970-12	CALMON	Not reactive	Not reactive	7.14	78
H5970-13	PG	Not reactive*	Not reactive*	7.35	76
H5970-14	COTTON DRAW	Not reactive*	Not reactive*	7.40	133
H5970-16	NEC	Not reactive*	Not reactive*	7.43	104
H5970-20	CALMON	Not reactive**	Not reactive**	7.42	76
H5970-21	CURU	Not reactive**	Not reactive**	7.34	79
H5970-22	PG	Not reactive**	Not reactive**	7.27	>140
H5970-23	CABIN LAKE	Not reactive**	Not reactive**	7.24	107
H5970-24	RAMSEY	Not reactive**	Not reactive**	7.29	>140
H5970-25	MALAGA	Not reactive**	Not reactive**	7.65	>140
Quality Control		NR	NR	6.98	NR
True Value QC		NR	NR	7.00	NR
% Recovery		NR	NR	99.7	NR
Relative Percent Difference		NR	NR	0.5	NR

METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261

*Analysis date: 07/13/01.

**Analysis date: 07/16/01.

***Analysis date: 07/14/01.

Chemist

Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims for damages, including but not limited to negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page 3 of 3

Company Name: <u>Concho</u>		ANALYSIS REQUEST														
Project Manager: <u>Jeff</u>		P.O. #:		Company:		State:		City:		Zip:						
Address: <u>P.O. Box 90</u>		Phone #:		Fax #:		Project Owner:		Project Location:		Sampler Name:						
City: <u>Malaga</u>		State: <u>NM</u>		Zip: <u>88264</u>		Phone #:		Fax #:		Project Name:						
Phone #:		State: <u>NM</u>		Zip: <u>88264</u>		Phone #:		Fax #:		Project Location:						
Project #:		State: <u>NM</u>		Zip: <u>88264</u>		Phone #:		Fax #:		Project Name:						
Project Name:		State: <u>NM</u>		Zip: <u>88264</u>		Phone #:		Fax #:		Project Location:						
Project Location:		State: <u>NM</u>		Zip: <u>88264</u>		Phone #:		Fax #:		Project Name:						
Sampler Name:		State: <u>NM</u>		Zip: <u>88264</u>		Phone #:		Fax #:		Project Location:						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE:	ICE/COOL	OTHER:	PRESERV.	SAMPLING	DATE	TIME
AS 970-20	Calmar														7:00 AM	
21	CVRU														10:00 PM	
22	PC															
23	Cabin Lake															
24	Rancho															
25	Malaga															

PLEASE NOTE: Utility and Damages. Cardinal's liability and that of its customers for any chain custody matter based on contract or tort, shall be limited to the amount paid by the client for the services. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable services. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, or its customers arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated causes or otherwise.

Sampler Requisitioned: Received By: 7:00 AM 7:00 PM

Requisitioned By: 7:00 AM 7:00 PM

Received By: (Lab Staff) 7:00 AM 7:00 PM

Checked By: (Initials) 7:00 AM 7:00 PM

Sampler - UPS - Bus - Other: 7:00 AM 7:00 PM

Remarks: Priority on Cabin Lake

Phone Result: ☐ Yes ☐ No **Add'l Phone #:** 7:00 AM 7:00 PM

Fax Result: ☐ Yes ☐ No **Add'l Fax #:** 7:00 AM 7:00 PM

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

RECEIVED

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

NOV 05 2001

Form C-138
Revised March 17, 1995

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

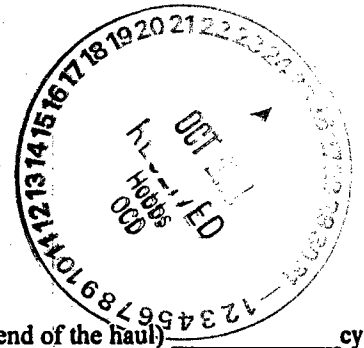
1. RCRA Exempt: ☐ Non-Exempt: ☒	4. Generator Conoco, Inc.
Verbal Approval Received: Yes ☐ No ☒	5. Originating Site Cabin Lake
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter Hughes/ Steve Carter
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	New Mexico
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:

10-22-01P

Used lube oil generated by engine and compressor operations.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02 for recycle at CRI treating plant.



Estimated Volume 500 gallons cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01

Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: DEWIED TITLE: _____ DATE: _____

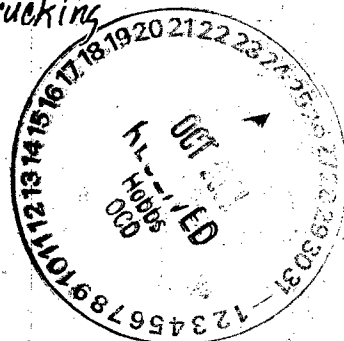
APPROVED BY: Monty J. Kelly TITLE: Environmental Geologist DATE: 11-17-01

5-10591

**CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"**

COMPANY / GENERATOR Conoco, Inc. (NGGP)ADDRESS 921 W. Sanger, Hobbs, NM 88240GENERATING SITE Cabin LakeCOUNTY Eddy STATE NMTYPE OF WASTE Used Lube OilESTIMATED VOLUME 500 gallonsGENERATING PROCESS engine/compressor operationREMARKS For all shipments through 10-31-02NMOCD FACILITY Controlled Recovery, Inc.TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking
CKI Trucking

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 2613.

AGENT Mark Bishop
SIGNATURENAME Mark Bishop
PRINTEDADDRESS 921 W. SangerHobbs, NM 88240DATE 10-16-01



ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/16/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5970-23
Sample ID: CABIN LAKE

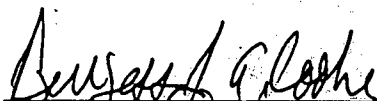
Extraction Date: 07/12/01
Analysis Date: 07/13/01
Sampling Date: 07/06/01
Sample Type: SOLID (OIL)
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5970-23	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.050	<0.005	0.013	26	0.050
1,4-Dichlorobenzene	7.50	<0.050	<0.005	0.028	56	0.050
o-Cresol	200	<0.050	<0.005	0.034	68	0.050
m, p-Cresol	200	<0.050	<0.005	0.035	70	0.050
Hexachloroethane	3.00	<0.050	<0.005	0.024	48	0.050
Nitrobenzene	2.00	<0.050	<0.005	0.041	82	0.050
Hexachloro-1,3-butadiene	0.500	<0.050	<0.005	0.026	52	0.050
2,4,6-Trichlorophenol	2.00	<0.050	<0.005	0.035	70	0.050
2,4,5-Trichlorophenol	400	<0.050	<0.005	0.033	66	0.050
2,4-Dinitrotoluene	0.130	<0.050	<0.005	0.039	78	0.050
Hexachlorobenzene	0.130	<0.050	<0.005	0.041	82	0.050
Pentachlorophenol	100	<0.050	<0.005	0.036	72	0.050

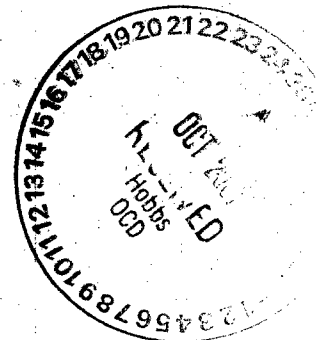
% RECOVERY

Fluorophenol	50
Phenol-d5	38
Nitrobenzene-d5	81
2-Fluorobiphenyl	72
2,4,6-Tribromophenol	64
Terphenyl-d14	73

METHODS: EPA SW 846-8270, 1311, 3510


Burgess J. A. Cooke, Ph. D.


Date



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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR

CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/11/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-23

Sample ID: CABIN LAKE

Analysis Date: 07/09/01

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BC

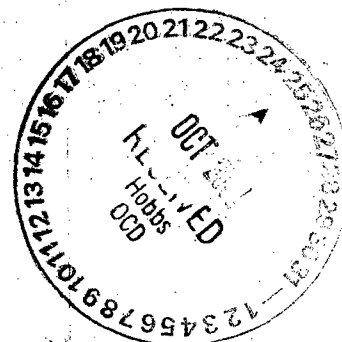
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5970-23	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.005	<0.005	0.108	108	0.100
1,1-Dichloroethylene	0.7	<0.005	<0.005	0.095	95	0.100
Methyl Ethyl Ketone	200	0.056	<0.050	0.110	110	0.100
Chloroform	6.0	0.010	<0.005	0.091	91	0.100
1,2-Dichloroethane	0.5	<0.005	<0.005	0.098	98	0.100
Benzene	0.5	0.089	<0.005	0.098	98	0.100
Carbon Tetrachloride	0.5	<0.005	<0.005	0.110	110	0.100
Trichloroethylene	0.5	<0.005	<0.005	0.103	103	0.100
Tetrachloroethylene	0.7	<0.005	<0.005	0.100	100	0.100
Chlorobenzene	100	<0.005	<0.005	0.104	104	0.100
1,4-Dichlorobenzene	7.5	<0.005	<0.005	0.092	92	0.100

% RECOVERY

Dibromofluoromethane	108
Toluene-d8	97
Bromofluorobenzene	97

METHODS: EPA SW 846-8260, 1311



Burgess J. A. Crooke
Burgess J. A. Crooke, Ph.D.

7/11/01
Date

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/BC/GP

REACTIVITY

LAB NO.	SAMPLE ID	Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
---------	-----------	------------------	------------------	---------------------	----------------------

ANALYSIS DATE:		07/12/01	07/12/01	07/14/01	07/12/01
H5970-6	AR	Not reactive	Not reactive	7.08	>140***
H5970-7	KEM	Not reactive	Not reactive	7.32	>140***
H5970-12	CALMON	Not reactive	Not reactive	7.14	78
H5970-13	PG	Not reactive*	Not reactive*	7.35	76
H5970-14	COTTON DRAW	Not reactive*	Not reactive*	7.40	133
H5970-16	NEC	Not reactive*	Not reactive*	7.43	104
H5970-20	CALMON	Not reactive**	Not reactive**	7.42	76
H5970-21	CURU	Not reactive**	Not reactive**	7.34	79
H5970-22	PG	Not reactive**	Not reactive**	7.27	>140
H5970-23	CABIN LAKE	Not reactive**	Not reactive**	7.24	107
H5970-24	RAMSEY	Not reactive**	Not reactive**	7.29	>140
H5970-25	MALAGA	Not reactive**	Not reactive**	7.65	>140
Quality Control		NR	NR	6.98	NR
True Value QC		NR	NR	7.00	NR
% Recovery		NR	NR	99.7	NR
Relative Percent Difference		NR	NR	0.5	NR

METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261

*Analysis date: 07/13/01.

**Analysis date: 07/16/01.

***Analysis date: 07/14/01.

Chemist

Date

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/12/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/GP

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
------------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

ANALYSIS DATE:	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:	5	5	100	1	5	5	0.2	1
H5970-6 AR	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-7 KEM	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-12 CALMON	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-13 PG	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-14 COTTON DRAW	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-16 NEC	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-20 CALMON	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-21 CURU	<1	<1	<5	<0.2	<2	<1	<0.02	<0.1
H5970-22 PG	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-23 CABIN LAKE	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-24 RAMSEY	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-25 MALAGA	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
Quality Control	0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC	0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery	104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference	1.8	0.1	4.0	0.6	1.0	4.0	10.8	1.2

METHODS: EPA 1311, 600/4-79-02	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
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Chemist

Date

07/16/2001

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CARDINAL LABORATORIES, INC.

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(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 3 of 3

BILL TO		ANALYSIS REQUEST												
Company Name: <u>Concho</u>		P.O. #: <u>5200</u>		Company: <u>Concho</u>										
Project Manager: <u>5200</u>		Address: <u>P.O. Box 90</u>		Alt: <u>5200</u>										
City: <u>Malpais</u>		State: <u>NM</u> Zip: <u>88264</u>		Address: <u>P.O. Box 90</u>										
Phone #: <u>505 676 3503</u>		Fax #: <u>505 676 3401</u>		City: <u>Malpais</u>										
Project #: <u>505 676 3503</u>		State: <u>NM</u> Zip: <u>88264</u>		Phone #: <u>505 676 3503</u>										
Project Name: <u>Malpais</u>		Fax #: <u>505 676 3401</u>		City: <u>Malpais</u>										
Project Location: <u>Malpais</u>		State: <u>NM</u> Zip: <u>88264</u>		Phone #: <u>505 676 3503</u>										
Sampler Name: <u>Malpais</u>		Fax #: <u>505 676 3401</u>		City: <u>Malpais</u>										
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE:	ICE/COOL	OTHER:	DATE	TIME
AS 97020	Calder												7:00 AM	7:00 AM
21	CURV												7:00 AM	7:00 AM
22	PC												7:00 AM	7:00 AM
23	Cabin Lake												7:00 AM	7:00 AM
24	Runway												7:00 AM	7:00 AM
25	Malpais												7:00 AM	7:00 AM

Relinquished By: <u>Benjamin A. Lopez</u>		Received By: (Lab Staff)	
Date: <u>7/12/01</u>	Time: <u>4:12 PM</u>	Date: <u>7/12/01</u>	Time: <u>4:12 PM</u>
Checked By: (Initials)		Checked By: (Initials)	
Sample Condition		Sample Condition	
Yes ☐ No ☐	Yes ☐ No ☐	Yes ☐ No ☐	Yes ☐ No ☐
Sampler - UPS - Bus - Other:		Sampler - UPS - Bus - Other:	
Remarks: <u>Priority on Cabin Lake</u>		Remarks: <u>Priority on Cabin Lake</u>	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page 2 of 3

BILL TO										ANALYSIS REQUEST									
Company Name: <u>Conoco</u>					P.O. #: <u>Jeff</u>														
Project Manager: <u>Jeff Davis</u>					Company: <u>Conoco</u>														
Address: <u>P.O. Box 90</u>					Attn: <u>Jeff</u>														
City: <u>Malheur</u>					State: <u>NM</u>					Zip: <u>88264</u>									
Phone #: <u>505 676 3503</u>					Fax #: <u>505 676 2401</u>					Address: <u>P.O. Box 90</u>									
Project #: <u></u>					City: <u>Malheur</u>														
Project Name: <u></u>					State: <u>NM</u>					Zip: <u>88264</u>									
Project Location: <u></u>					Phone #: <u>505 676 3503</u>														
Sampler Name: <u></u>					Fax #: <u>505 676 2401</u>														
FOR LAB USE ONLY																			
Lab I.D. <u>Sample I.D.</u>																			
Matrix										PRESERV									
WASTEWATER										ACID/BASE									
GROUNDWATER										ICE/COOL									
SOIL										OTHER									
CRUDE OIL										SLUDGE									
# CONTAINERS										DATE									
(g) RAB OR (C) OMP										TIME									
1-11										7:00 AM									
1-12										7:30 PM									
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2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page 3 of 3

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 3 of 3

CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
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Company Name: Cardinal		P.O. #: 766		Company: Cardinal		ANALYSIS REQUEST	
Project Manager: Cardinal		State: NM Zip: 88264		Alt: 766			
Address: P.O. Box 90		Fax #: 505 676 3503		Addresses: P.O. Box 90			
City: Malaga		City: Malaga		State: NM Zip: 88264			
Project #: 505 676 3503		Project Owner: Malaga		Phone #: 505 676 3503			
Project Name: Malaga		Fax #: 505 676 3401		Sample Name: Malaga			
Project Location: Malaga							
Sampler Name: Malaga							

Lab I.D.	Sample I.D.	MATRIX			PRESERV		SAMPLING	DATE	TIME
		GROUNDWATER	WASTEWATER	SOIL	GRUDE OIL	ICE/COOL			
15170-20	Calmer							7:00 AM	
15170-21	CURD							10:30 PM	
15170-22	PG								
15170-23	Cabin Lake								
15170-24	Runway								
15170-25	Malaga								

Terms and Conditions: Laboratory will be charged on all accounts more than 30 days past due at the rate of 20% per annum from the original date of billing, and all costs of collection, including attorney's fees.

Lab I.D. 15170-20 Calmer 7:00 AM 10:30 PM DATE TIME OTHER: ICE/COOL ACID/BASE: OTHER: MATRIX: GROUNDWATER WASTEWATER SOIL GRUDE OIL PRESERV SAMPLING

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:
REMARKS:
Priority on Cabin Lake

Relinquished By: **Cardinal** Date: **7/10/01** Time: **11:12 AM** Received By: (Lab Staff) **Cardinal** Date: **7/10/01** Time: **11:12 AM** Sample Condition: ☒ Cool ☐ Intact ☐ Yes ☐ No CHECKED BY: (Initials) **Cardinal**

Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

2111 Beechwood, Abilene, TX 79603 -101 East Marland, Hobbs, NM 88240
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Company Name: Conoco	BILL TO	ANALYSIS REQUEST	RECEIVED
-----------------------------	----------------	-------------------------	-----------------

NOV 05 2001
Environmental Bureau
Oil Conservation Division

1. *Phragmites australis* (Cav.) Trin. ex Steud.

1. *Phragmites australis* (Cav.) Trin. ex Steud.

and be added to the amount paid by the client for the services rendered by Counsel within 30 days after completion of the application of the application fee, or loss of profits incurred by client in substitution.

Phone Res	Phone Res
Fax Result	Fax Result
REMARKS	REMARKS

CHECKED BY:
Loohe
(Initials)

393-2476.

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2211 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
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BILITIO

ANALYSIS REQUEST

[illegible]

Forms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of billing, and all costs of collection, including attorney's fees.

Phone Result:	☐ Yes	☐ No	Add'l Phone #:
Fax Result:	☐ Yes	☐ No	Add'l Fax #:
REMARKS:			

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Jun Kizer 631-6112

ORDINAL LABORATORIES, INC.

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Page of

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Jon Kizer 6031-6112

CARDINAL LABORATORIES, INC.

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(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

Company Name: CONOCO		Project Manager: Jeff Driver		P.O. #:		ANALYSIS REQUEST																	
Address: 223 W. Beaver		City: TOPPA		State: NM		Zip: 88240		Company:		Attn:		Address:		City:		State:		Zip:		Phone #:		Fax #:	
Project #:		Project Owner:		Project Name:		Project Location:		Sampler Name:		FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING		DATE		TIME		Lab I.D.	
												WASTEWATER		GROUNDWATER		(G)RAB OR (C)OMP.							
												SLUDGE		ACID/BASE		ICE/COOL		OTHER:					
H607-1		fixed tube sub. Pure																					
-2		fracture - NW																					
				</																			



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Page 2 of 3

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED
NOV 05 2001
Environmental Bureau
Oil Conservation Division

Form C-136
Revised March 17, 1995
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 ☒	4. Generator Conoco, Inc. 5. Originating Site N.E. Carlsbad Compressor
2. Management Facility Destination Controlled Recovery, Inc.	6. Transporter Hughes/Steve Carter
3. Address of Facility Operator P.O. Box 388, Hobbs	8. State New Mexico
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	New Mexico
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:

10-22-01W

Used lube oil generated by engine and compressor operations.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02 for recycle at CRI treating plant.



Estimated Volume 1,000 gallons cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)		
APPROVED BY: <u>[Signature]</u>	TITLE: <u>Environmental Geologist</u>	DATE: <u>11-17-01</u>
APPROVED BY: <u>[Signature]</u>	TITLE: _____	DATE: _____

4-105011

**CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"**

COMPANY / GENERATOR Conoco Inc (NGGP)

ADDRESS 921 W. Sanger, Hobbs NM

GENERATING SITE North East Carlisbad Compressor

COUNTY Eddy STATE NM

TYPE OF WASTE Used Lube oil

ESTIMATED VOLUME 1000 Gallons

GENERATING PROCESS Engine / Compressor
operation

REMARKS For all shipments through 10-31-02

NMOCD FACILITY Controlled Recovery Inc

TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking
CRI Trucking / Pro cycle trucking

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C, and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.33-261.34.

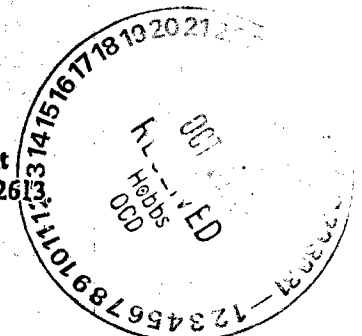
AGENT Mark Bishop
SIGNATURE

NAME Mark Bishop
PRINTED

ADDRESS 921 W Sanger

Hobbs NM 88240

DATE 7-30-01





ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-16

Sample ID: NEC

Extraction Date: 07/12/01

Analysis Date: 07/13/01

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BC

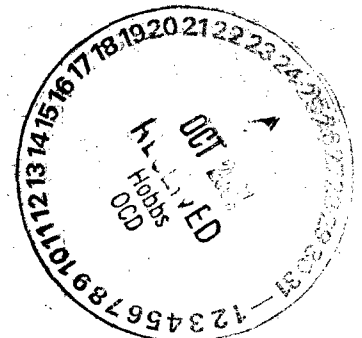
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5970-16	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.050	<0.005	0.013	26	0.050
1,4-Dichlorobenzene	7.50	<0.050	<0.005	0.028	56	0.050
o-Cresol	200	<0.050	<0.005	0.034	68	0.050
m, p-Cresol	200	<0.050	<0.005	0.035	70	0.050
Hexachloroethane	3.00	<0.050	<0.005	0.024	48	0.050
Nitrobenzene	2.00	<0.050	<0.005	0.041	82	0.050
Hexachloro-1,3-butadiene	0.500	<0.050	<0.005	0.026	52	0.050
2,4,6-Trichlorophenol	2.00	<0.050	<0.005	0.035	70	0.050
2,4,5-Trichlorophenol	400	<0.050	<0.005	0.033	66	0.050
2,4-Dinitrotoluene	0.130	<0.050	<0.005	0.039	78	0.050
Hexachlorobenzene	0.130	<0.050	<0.005	0.041	82	0.050
Pentachlorophenol	100	<0.050	<0.005	0.036	72	0.050

% RECOVERY

Fluorophenol	49
Phenol-d5	51
Nitrobenzene-d5	85
2-Fluorobiphenyl	65
2,4,6-Tribromophenol	61
Terphenyl-d14	83

METHODS: EPA SW 846-8270, 1311, 3510



Burgess J. A. Cooke, Ph. D.

7/16/01
Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



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ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/12/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Lab Number: H5970-16

Sample ID: NEC

Analysis Date: 07/11/01

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BC

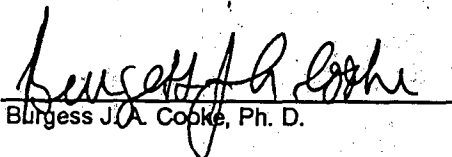
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5970-16	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.005	<0.005	0.108	108	0.100
1,1-Dichloroethylene	0.7	<0.005	<0.005	0.095	95	0.100
Methyl Ethyl Ketone	200	<0.050	<0.050	0.110	110	0.100
Chloroform	6.0	0.007	<0.005	0.091	91	0.100
1,2-Dichloroethane	0.5	<0.005	<0.005	0.098	98	0.100
Benzene	0.5	0.131	<0.005	0.098	98	0.100
Carbon Tetrachloride	0.5	<0.005	<0.005	0.110	110	0.100
Trichloroethylene	0.5	<0.005	<0.005	0.103	103	0.100
Tetrachloroethylene	0.7	<0.005	<0.005	0.100	100	0.100
Chlorobenzene	100	<0.005	<0.005	0.104	104	0.100
1,4-Dichlorobenzene	7.5	<0.005	<0.005	0.092	92	0.100

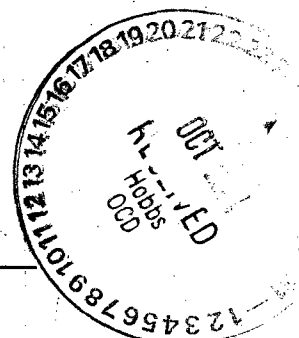
% RECOVERY

Dibromofluoromethane	88
Toluene-d8	97
Bromofluorobenzene	90

METHODS: EPA SW 846-8260, 1311


Burgess J.A. Cooke, Ph. D.

7/12/01
Date



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ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/12/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/GP

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
------------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

ANALYSIS DATE:		07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:		5	5	100	1	5	5	0.2	1
H5970-6	AR	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-7	KEM	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-12	CALMON	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-13	PG	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-14	COTTON DRAW	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-16	NEC	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-20	CALMON	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-21	CURU	<1	<1	<5	<0.2	<2	<1	<0.02	<0.1
H5970-22	PG	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-23	CABIN LAKE	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-24	RAMSEY	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-25	MALAGA	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
Quality Control		0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC		0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery		104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference		1.8	0.1	4.0	0.6	1.0	4.0	10.8	1.2

METHODS: EPA 1311, 600/4-79-02	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
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Bayle H Potter
Chemist

07/16/2001
Date

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ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BQ

Analyzed By: AH/BC/GP

REACTIVITY

LAB NO.	SAMPLE ID	Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
---------	-----------	------------------	------------------	---------------------	----------------------

ANALYSIS DATE:	07/12/01	07/12/01	07/14/01	07/12/01
H5970-6 AR	Not reactive	Not reactive	7.08	>140***
H5970-7 KEM	Not reactive	Not reactive	7.32	>140***
H5970-12 CALMON	Not reactive	Not reactive	7.14	78
H5970-13 PG	Not reactive*	Not reactive*	7.35	76
H5970-14 COTTON DRAW	Not reactive*	Not reactive*	7.40	133
H5970-16 NEC	Not reactive*	Not reactive*	7.43	104
H5970-20 CALMON	Not reactive**	Not reactive**	7.42	76
H5970-21 CURU	Not reactive**	Not reactive**	7.34	79
H5970-22 PG	Not reactive**	Not reactive**	7.27	>140
H5970-23 CABIN LAKE	Not reactive**	Not reactive**	7.24	107
H5970-24 RAMSEY	Not reactive**	Not reactive**	7.29	>140
H5970-25 MALAGA	Not reactive**	Not reactive**	7.65	>140
Quality Control	NR	NR	6.98	NR
True Value QC	NR	NR	7.00	NR
% Recovery	NR	NR	99.7	NR
Relative Percent Difference	NR	NR	0.5	NR

METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261

*Analysis date: 07/13/01.

**Analysis date: 07/16/01.

***Analysis date: 07/14/01.

Chemist

Date

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page 2 of 3

Company Name: <u>Conoco</u>		ANALYSIS REQUEST																							
Project Manager: <u>Jeff Davis</u>		P.O. #: <u>JEFF</u>																							
Address: <u>P.O. Box 90</u>		Company: <u>Conoco</u>																							
City: <u>Malaga</u> State: <u>NM</u> Zip: <u>88264</u>		Attn: <u>Jeff</u>																							
Phone #: <u>505 676 3503</u> Fax #: <u>505 676 2401</u>		Address: <u>P.O. Box 90</u>																							
Project #: <u></u>		City: <u>Malaga</u>																							
Project Name: <u></u>		State: <u>NM</u> Zip: <u>88264</u>																							
Project Location: <u></u>		Phone #: <u>505 676 3503</u>																							
Sampler Name: <u></u>		Fax #: <u>505 676 2401</u>																							
FOR LAB USE ONLY		PRESERV		SAMPLING																					
Lab I.D.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOL		CRUDE OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME	
Sample I.D.		(G) RAB OR (COMP)		GROUNDWATER		WASTEWATER		SOL		CRUDE OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME	
113970211	CL																					7:00 AM			
113970212	Calson																					7:30 PM			
113970213	PG																								
113970214	Cotton Draw																								
113970215	Paradise																								
113970216	DEC																								
113970217	Cedar Canyon																								
113970218	Ramsey																								
113970219	State Line																								

PLEASE NOTE: Liability and damages, Cardinal's liability and client's maximum remedy for any claim arising out of this contract or test, shall be limited to the amount paid by the client for the services. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, loss of profits, loss of use, or loss of data, incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated theories of recovery.

Sampler Relinquished:		Received By:		Phone Result: ☐ Yes ☐ No		Add'l Phone #:	
Date: <u>7-6-01</u>		Date: <u>7-6-01</u>		Fax Result: ☐ Yes ☐ No		Add'l Fax #:	
Time: <u>7:08 pm</u>		Time: <u>7:08 pm</u>					
Relinquished By: <u>Jeff Davis</u>		Received By: (Lab Staff) <u>Jeff Davis</u>					
Delivered By: (Circle One) <u>Priority on DEC</u>		Checked By: (Initials) <u>Jeff Davis</u>					
Sampler - UPS - Bus - Other:		Sample Condition					
		Cool Intact ☐ Yes ☐ No					

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1995

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

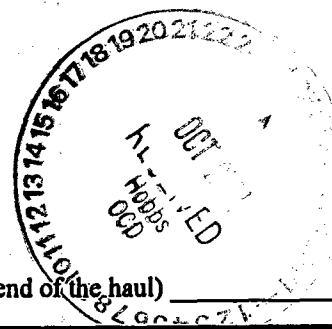
1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒	4. Generator Conoco, Inc.
2. Management Facility Destination Controlled Recovery, Inc.	5. Originating Site Cotton Draw Compressor
3. Address of Facility Operator P.O. Box 388, Hobbs	6. Transporter Hughes/ Steve Carter
7. Location of Material (Street Address or ULSTR) 921 W. Sanger, Hobbs	8. State New Mexico
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:

10-22-01V

Used lube oil generated by engine and compressor operations.

Enclosed is certificate of waste status, analytical data, and chain of custody for all shipments through 10-31-02 for recycle at CRI treating plant.



Estimated Volume 500 gallons cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Carmella Van Maanen TITLE: Bookkeeper DATE: 10-22-01
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Carmella Van Maanen TELEPHONE NO. (505) 393-1079

(This space for State Use)

APPROVED BY: DEANED TITLE: _____ DATE: _____
APPROVED BY: J. Martinez TITLE: Environmental Geologist DATE: 11-17-01

5-10561

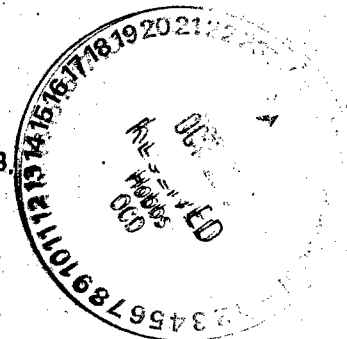
CERTIFICATE OF WASTE STATUS
NON-EXEMPT WASTE MATERIAL
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"

COMPANY / GENERATOR Conoco Inc (NGGP)
ADDRESS 921 W. Sanger, Hobb NM
GENERATING SITE Cotton Draw Compressor
COUNTY Lea STATE NM
TYPE OF WASTE Used Lube oil
ESTIMATED VOLUME 500 Gallons
GENERATING PROCESS Engine / Compressor
operation

REMARKS For all shipments through 10-31-02
NMOCD FACILITY Controlled Recovery Inc
TRUCKING COMPANY Hughes Trucking / Steve Carter Trucking
CR Trucking / Pro cycle trucking

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 "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 261.3

AGENT Mark Bishop
SIGNATURE
NAME Mark Bishop
PRINTED
ADDRESS 921 W Sanger
Hobbs NM 88240
DATE 7-30-01





ARDINAL LABORATORIES

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PHONE (505) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/16/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5970-14
Sample ID: COTTON DRAW

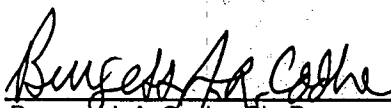
Extraction Date: 07/12/01
Analysis Date: 07/13/01
Sampling Date: 07/06/01
Sample Type: SOLID (OIL)
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H5970-14	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.050	<0.005	0.013	26	0.050
1,4-Dichlorobenzene	7.50	<0.050	<0.005	0.028	56	0.050
o-Cresol	200	<0.050	<0.005	0.034	68	0.050
m, p-Cresol	200	<0.050	<0.005	0.035	70	0.050
Hexachloroethane	3.00	<0.050	<0.005	0.024	48	0.050
Nitrobenzene	2.00	<0.050	<0.005	0.041	82	0.050
Hexachloro-1,3-butadiene	0.500	<0.050	<0.005	0.026	52	0.050
2,4,6-Trichlorophenol	2.00	<0.050	<0.005	0.035	70	0.050
2,4,5-Trichlorophenol	400	<0.050	<0.005	0.033	66	0.050
2,4-Dinitrotoluene	0.130	<0.050	<0.005	0.039	78	0.050
Hexachlorobenzene	0.130	<0.050	<0.005	0.041	82	0.050
Pentachlorophenol	100	<0.050	<0.005	0.036	72	0.050

% RECOVERY

Fluorophenol	54
Phenol-d5	45
Nitrobenzene-d5	81
2-Fluorobiphenyl	62
2,4,6-Tribromophenol	65
Terphenyl-d14	85

METHODS: EPA SW 846-8270, 1311, 3510


Burgess J. A. Cooke, Ph. D.

7/16/01
Date



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ANALYTICAL RESULTS FOR
CONOCO, INC.
ATTN: JEFF DRIVER
P.O. BOX 90
MALJAMAR, NM 88264
FAX TO: (505) 676-2401

Receiving Date: 07/06/01
Reporting Date: 07/12/01
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN
Lab Number: H5970-14
Sample ID: COTTON DRAW

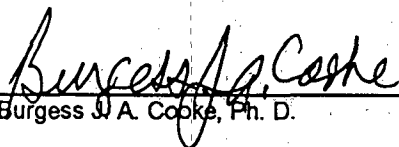
Analysis Date: 07/11/01
Sampling Date: 07/06/01
Sample Type: SOLID (OIL)
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H5970-14	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.005	<0.005	0.108	108	0.100
1,1-Dichloroethylene	0.7	<0.005	<0.005	0.095	95	0.100
Methyl Ethyl Ketone	200	0.062	<0.050	0.110	110	0.100
Chloroform	6.0	0.007	<0.005	0.091	91	0.100
1,2-Dichloroethane	0.5	<0.005	<0.005	0.098	98	0.100
Benzene	0.5	0.189	<0.005	0.098	98	0.100
Carbon Tetrachloride	0.5	<0.005	<0.005	0.110	110	0.100
Trichloroethylene	0.5	<0.005	<0.005	0.103	103	0.100
Tetrachloroethylene	0.7	<0.005	<0.005	0.100	100	0.100
Chlorobenzene	100	<0.005	<0.005	0.104	104	0.100
1,4-Dichlorobenzene	7.5	<0.005	<0.005	0.092	92	0.100

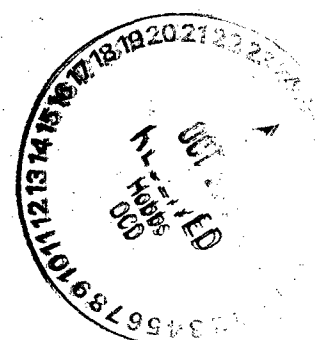
% RECOVERY

Dibromofluoromethane	91
Toluene-d8	90
Bromofluorobenzene	89

METHODS: EPA SW 846-8260, 1311


Burgess J. A. Cooke, Ph. D.

7/12/01
Date



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ANALYTICAL RESULTS FOR CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/12/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/GP

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:		07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01	07/11/01	07/12/01
EPA LIMITS:		5	5	100	1	5	5	0.2	1
H5970-6	AR	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-7	KEM	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-12	CALMON	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-13	PG	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H5970-14	COTTON DRAW	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-16	NEC	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-20	CALMON	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-21	CURU	<1	<1	<5	<0.2	<2	<1	<0.02	<0.1
H5970-22	PG	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-23	CABIN LAKE	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-24	RAMSEY	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
H5970-25	MALAGA	<1	<1	<5	<0.1	<2	<1	<0.02	<0.1
Quality Control		0.052	4.807	23.05	1.005	5.052	4.874	0.0109	0.049
True Value QC		0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Recovery		104	96.1	92.2	101	101	97.5	109	98.0
Relative Percent Difference		1.8	0.1	4.0	0.6	1.0	4.0	10.8	2.0
METHODS: EPA 1311, 600/4-79-02		206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2

Chemist

Date

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR

CONOCO, INC.

ATTN: JEFF DRIVER

P.O. BOX 90

MALJAMAR, NM 88264

FAX TO: (505) 676-2401

Receiving Date: 07/06/01

Reporting Date: 07/16/01

Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: 07/06/01

Sample Type: SOLID (OIL)

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AH/BC/GP

REACTIVITY

LAB NO.	SAMPLE ID	Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
---------	-----------	------------------	------------------	---------------------	----------------------

ANALYSIS DATE:		07/12/01	07/12/01	07/14/01	07/12/01
H5970-6	AR	Not reactive	Not reactive	7.08	>140***
H5970-7	KEM	Not reactive	Not reactive	7.32	>140***
H5970-12	CALMON	Not reactive	Not reactive	7.14	78
H5970-13	PG	Not reactive*	Not reactive*	7.35	76
H5970-14	COTTON DRAW	Not reactive*	Not reactive*	7.40	133
H5970-16	NEC	Not reactive*	Not reactive*	7.43	104
H5970-20	CALMON	Not reactive**	Not reactive**	7.42	76
H5970-21	CURU	Not reactive**	Not reactive**	7.34	79
H5970-22	PG	Not reactive**	Not reactive**	7.27	>140
H5970-23	CABIN LAKE	Not reactive**	Not reactive**	7.24	107
H5970-24	RAMSEY	Not reactive**	Not reactive**	7.29	>140
H5970-25	MALAGA	Not reactive**	Not reactive**	7.65	>140
Quality Control		NR	NR	6.98	NR
True Value QC		NR	NR	7.00	NR
% Recovery		NR	NR	99.7	NR
Relative Percent Difference		NR	NR	0.5	NR

METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261

*Analysis date: 07/13/01.

**Analysis date: 07/16/01.

***Analysis date: 07/14/01.

Chemist

Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.