

1R - 292

ENFORCEMENT

DATE:

1998



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
DISTRICT I HOBBS
PO BOX 1980, Hobbs, NM 88241
(505) 393-6161
FAX (505) 393-0720

Jennifer A. Salisbury
CABINET SECRETARY

Certified Mail: P 209 878 099

July 13, 1998

Mr: Rodney Childress
R & S Service (R&S)
P.O. Box 1141
Denver City, Texas 79323

Re: Unāuthorized Release & Disposal of Oilfield Waste Without A Permit.
Location: Dunham St between Birch & Coleman Hobbs, NM

Dear Mr. Childress:

New Mexico Oil Conservation Division (NMOCD) is in receipt of the C-141 "Initial Report" and analytical results concerning the above referenced incident. Please note this satisfies NMOCD requirements listed as functions # 1 & 3 in correspondence to you dated May 28, 1998.

Please note after reviewing the analytical results of the waste material, it appears that drums # 1,4,5,7,8,9,10,12,13,14,15,16, 17 and the two oilfield common trash drums (3&6) are RCRA non-hazardous and may be disposed of at an approved NMOCD facility. **Therefore you are hereby ordered to dispose of these drums within 30 days of receipt of this letter at an approved NMOCD facility.**

Please note it appeared that drums #2,11,18, & 19 were high in Benzene. Please contact the New Mexico Hazardous & Radioactive Materials Bureau concerning proper handling and disposal.

If you require any further information or assistance please do not hesitate to call (505-393-6161) or write this office.

Sincerely Yours,

Wayne Price-Environmental Engineer

cc: Chris Williams-NMOCD District I Supervisor
Roger Anderson-Environmental Bureau Chief, Santa Fe, NM
Benito Garcia- NMED-HRMB SF
CRI- Halfway NM

attachments- analyticals, C-141 Release report

District I - (505) 393-6161
 P. O. Box 1980
 Hobbs, NM 88241-1980
 District II - (505) 748-1283
 811 South First
 Artesia, NM 88210
 District III - (505) 334-6178
 1000 Rio Brazos Road
 Aztec, NM 87410
 District IV - (505) 827-7131

State of 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-141
 Originated 2/13/97

Submit 2 copies to
 Appropriate District
 Office in accordance
 with Rule 116 on
 back side of form

Wayne

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name KES SERVICE	Contact Rodney G CHILDRESS
Address PO BOX 1141 DENVER CITY TX 79323	Telephone No. (806) 592-3473
Facility Name	Facility Type

Surface Owner MR. MILBERGER	Mineral Owner	Lease No.
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
VACANT LOT		DUNHAM ST			(BIRCH & COLEMAN)			LEA COUNTY

NATURE OF RELEASE

Type of Release PUSHING DRUMS OFF TRAILER	Volume of Release 19-35 gal Drums	Volume Recovered 19-35 gal Drums
Source of Release	Date and Hour of Occurrence 5/21/98 APPROX 10:00 AM	Date and Hour of Discovery 5/22/98 APPROX 10:30 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? KODNEY G CHILDRESS	
By Whom? BETTY STRANER	Date and Hour 5/22/98 10:30 AM CST	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was impacted, Describe Fully. (Attach Additional Sheets If Necessary)

Describe Cause of Problem and Remedial Action Taken. (Attach Additional Sheets If Necessary) **COLLECTED TRAILER FOR DEBT OWER) FOUND 19 BARRELS ON TRAILER WHICH WE UNLOADED AT THE LOCATION THE TRAILER WAS PICKED UP. ONCE WE WERE NOTIFIED OF THE PROBLEM WE SENT A CREW OF 3 MEN TO CLEAN UP THE SPILL. I CAME AND SUPERVISED**

Describe Area Affected and Cleanup Action Taken. (Attach Additional Sheets If Necessary) **AREA AFFECTED WAS A VACANT LOT APPROX 600' FROM THE NEAREST RESIDENT. CREW TOOK SHOVELS AND RAKES AND PICKED UP ANY SPILLAGE. LOADED BARRELS ON TRAILER AND HAULED BARRELS TO CRI TO STORE TILL THEY COULD BE TESTED.**

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <i>Rodney G Childress</i>	OIL CONSERVATION DIVISION		
Printed Name: KODNEY G CHILDRESS	Approved by District Supervisor:	Approval Date:	Expiration Date:
Title: OWNER	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 6/9/98	Phone: (806) 592-3473		

JW



PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
 R & S SERVICES
 ATTN: JEAN MANN
 P.O. BOX 1141
 DENVER CITY, TX 79323
 FAX TO: (806) 592-8659

Receiving Date: 06/10/98
 Reporting Date: 06/24/98
 Project Number: NOT GIVEN
 Project Name: NINETEEN BARRELS
 Project Location: CRI FACILITY

Sampling Date: 06/10/98
 Sample Type: SLUDGE, SAND
 Sample Condition: COOL & INTACT
 Sample Received By: GP
 Analyzed By: GP

TCLP METALS

LAB NO.	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:		06/23/98	06/24/98	06/24/98	06/24/98	06/24/98	06/24/98	06/24/98	06/23/98
EPA LIMITS:		5	5	100	1	5	5	0.2	1
H3686-1 COMP. OF BLS. #2,#11		<1	<1	<5	<0.1	<1	<1	<0.050	<0.1
H3686-2 COMP. OF BLS. #1,#4,#5 #7-#10, #12-#17		<1	<1	<5	>0.1	<1	<1	<0.050	<0.1
H3686-3 COMP. OF BLS. #18,#19		<1	<1	<20	<0.1	<1	<1	<0.050	<0.1
Quality Control		0.058	2.955	5.78	1.976	4.995	5.120	0.055	0.044
True Value QC		0.050	3.000	5.00	2.000	5.000	5.000	0.050	0.050
% Recovery		116	98.5	115	98.8	99.9	102	110	89
Relative Standard Deviation		3.2	0.6	13.1	0.5	1.6	1.0	5.0	4.2
METHODS: EPA 1311, 600/4-91/010		206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2

Barrels numbered 3, and 6, are trash, and were not analyzed.

Gayle A. Potter
 Gayle A. Potter, Chemist



06/24/98
 Date

H3686M.XLS

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ANALYTICAL RESULTS FOR
 R&S SERVICES
 ATTN: JEAN MANN
 P.O. BOX 1141
 DENVER CITY, TX 79323
 FAX TO: 806-592-8659

Receiving Date: 06/10/98
 Reporting Date: 06/16/98
 Project Number: NOT GIVEN
 Project Name: NINETEEN BARRELS
 Project Location: CRI FACILITY
 Lab Number: H3686-1
 Sample ID: COMPOSITE OF BARRELS #2 & #11

Analysis Date: 06/15/98
 Sampling Date: 06/10/98
 Sample Type: SLUDGE
 Sample Condition: COOL & INTACT
 Sample Received By: GP
 Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H3686-1	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.050	<0.005	0.022	44	0.050
1,4-Dichlorobenzene	7.50	<0.050	<0.005	0.041	82	0.050
o-Cresol	200	0.143	<0.005	0.035	70	0.050
m, p-Cresol	200	0.158	<0.005	0.037	74	0.050
Hexachloroethane	3.00	<0.050	<0.005	0.039	78	0.050
Nitrobenzene	2.00	<0.050	<0.005	0.056	112	0.050
Hexachloro-1,3-butadiene	0.500	<0.050	<0.005	0.043	86	0.050
2,4,6-Trichlorophenol	2.00	<0.050	<0.005	0.044	88	0.050
2,4,5-Trichlorophenol	400	<0.050	<0.005	0.049	98	0.050
2,4-Dinitrotoluene	0.130	<0.050	<0.005	0.053	106	0.050
Hexachlorobenzene	0.130	<0.050	<0.005	0.048	96	0.050
Pentachlorophenol	100	<0.050	<0.005	0.043	86	0.050

% RECOVERY

Fluorophenol	26
Phenol-d5	37
Nitrobenzene-d5	89
2-Fluorobiphenyl	75
2,4,6-Tribromophenol	72
Terphenyl-d14	118

METHODS: EPA SW 846-8270, 1311
 Barrels numbered 3, and 6, were trash, and were not analyzed.



Burgess J.A. Cooke
 Burgess J.A. Cooke, Ph. D.

6/16/98
 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
 R&S SERVICES
 ATTN: JEAN MANN
 P.O. BOX 1141
 DENVER CITY, TX 79323
 FAX TO: 806-592-8659

Receiving Date: 06/10/98
 Reporting Date: 06/16/98
 Project Number: NOT GIVEN
 Project Name: NINETEEN BARRELS
 Project Location: CRI FACILITY
 Lab Number: H3686-1
 Sample ID: COMPOSITE OF BARRELS #2 & #11

Analysis Date: 06/15/98
 Sampling Date: 06/10/98
 Sample Type: SLUDGE
 Sample Condition: COOL & INTACT
 Sample Received By: GP
 Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H3686-1	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.005	<0.005	0.099	99	0.100
1,1-Dichloroethylene	0.7	<0.005	<0.005	0.088	88	0.100
Methyl Ethyl Ketone	200	<0.050	<0.050	0.095	95	0.100
Chloroform	6.0	<0.005	<0.005	0.103	103	0.100
1,2-Dichloroethane	0.5	<0.005	<0.005	0.100	100	0.100
Benzene	0.5	3.860	<0.005	0.100	100	0.100
Carbon Tetrachloride	0.5	<0.005	<0.005	0.095	95	0.100
Trichloroethylene	0.5	<0.005	<0.005	0.101	101	0.100
Tetrachloroethylene	0.7	<0.005	<0.005	0.096	96	0.100
Chlorobenzene	100	<0.005	<0.005	0.101	101	0.100
1,4-Dichlorobenzene	7.5	<0.005	<0.005	0.105	105	0.100

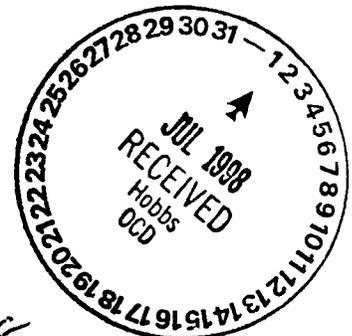
% RECOVERY

Dibromofluoromethane	95
Toluene-d8	104
Bromofluorobenzene	100

METHODS: EPA SW 846-8260, 1311

NOTE: Matrix interference observed; dilution required.

Barrels numbered 3, and 6, were trash, and were not analyzed.



Burgess J. A. Cooke
 Burgess J. A. Cooke, Ph. D.

6/16/98
 Date

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ANALYTICAL RESULTS FOR
 R&S SERVICES
 ATTN: JEAN MANN
 P.O. BOX 1141
 DENVER CITY, TX 79323
 FAX TO: 806-592-8659

Receiving Date: 06/10/98
 Reporting Date: 06/16/98
 Project Number: NOT GIVEN
 Project Name: NINETEEN BARRELS
 Project Location: CRI FACILITY
 Lab Number: H3686-2
 Sample ID: COMPOSITE OF BARRELS #1, #4, #5, #7-10, #12-17

Analysis Date: 06/15/98
 Sampling Date: 06/10/98
 Sample Type: SAND
 Sample Condition: COOL & INTACT
 Sample Received By: GP
 Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H3686-2	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.050	<0.005	0.022	44	0.050
1,4-Dichlorobenzene	7.50	<0.050	<0.005	0.041	82	0.050
o-Cresol	200	<0.050	<0.005	0.035	70	0.050
m, p-Cresol	200	<0.050	<0.005	0.037	74	0.050
Hexachloroethane	3.00	<0.050	<0.005	0.039	78	0.050
Nitrobenzene	2.00	<0.050	<0.005	0.056	112	0.050
Hexachloro-1,3-butadiene	0.500	<0.050	<0.005	0.043	86	0.050
2,4,6-Trichlorophenol	2.00	<0.050	<0.005	0.044	88	0.050
2,4,5-Trichlorophenol	400	<0.050	<0.005	0.049	98	0.050
2,4-Dinitrotoluene	0.130	<0.050	<0.005	0.053	106	0.050
Hexachlorobenzene	0.130	<0.050	<0.005	0.048	96	0.050
Pentachlorophenol	100	<0.050	<0.005	0.043	86	0.050

% RECOVERY

Fluorophenol	31
Phenol-d5	32
Nitrobenzene-d5	84
2-Fluorobiphenyl	84
2,4,6-Tribromophenol	80
Terphenyl-d14	118

METHODS: EPA SW 846-8270, 1311
 Barrels numbered 3, and 6, were trash, and were not analyzed.



Burgess J. A. Cooke
 Burgess J. A. Cooke, Ph. D.

6/16/98
 Date

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ANALYTICAL RESULTS FOR
 R: 3 SERVICES
 ATTN: JEAN MANN
 P.O. BOX 1141
 DENVER CITY, TX 79323
 FAX TO: 806-592-8659

Receiving Date: 06/10/98
 Reporting Date: 06/16/98
 Project Number: NOT GIVEN
 Project Name: NINETEEN BARRELS
 Project Location: CRI FACILITY
 Lab Number: H3686-2
 Sample ID: COMPOSITE OF BARRELS #1, #4, #5, #7-10, #12-17

Analysis Date: 06/15/98
 Sampling Date: 06/10/98
 Sample Type: SAND
 Sample Condition: COOL & INTACT
 Sample Received By: GP
 Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H3686-2	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.005	<0.005	0.099	99	0.100
1,1-Dichloroethylene	0.7	<0.005	<0.005	0.088	88	0.100
Methyl Ethyl Ketone	200	<0.050	<0.050	0.095	95	0.100
Chloroform	6.0	<0.005	<0.005	0.103	103	0.100
1,2-Dichloroethane	0.5	<0.005	<0.005	0.100	100	0.100
Benzene	0.5	0.109	<0.005	0.100	100	0.100
Carbon Tetrachloride	0.5	<0.005	<0.005	0.095	95	0.100
Trichloroethylene	0.5	<0.005	<0.005	0.101	101	0.100
Tetrachloroethylene	0.7	<0.005	<0.005	0.096	96	0.100
Chlorobenzene	100	<0.005	<0.005	0.101	101	0.100
1,4-Dichlorobenzene	7.5	<0.005	<0.005	0.105	105	0.100

% RECOVERY

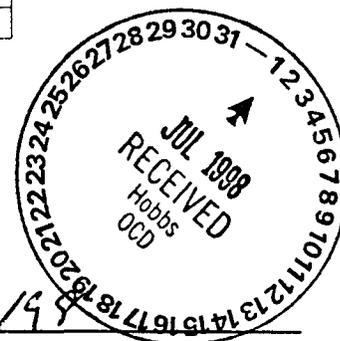
Dibromofluoromethane	95
Toluene-d8	106
Bromofluorobenzene	92

METHODS: EPA SW 846-8260, 1311

Barrels numbered 3, and 6, were trash, and were not analyzed.

Burgess J. A. Cooke
 Burgess J. A. Cooke, Ph.D.

6/16/98
 Date



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ANALYTICAL RESULTS FOR
 R&S SERVICES
 ATTN: JEAN MANN
 P.O. BOX 1141
 DENVER CITY, TX 79323
 FAX TO: 806-592-8659

Receiving Date: 06/10/98
 Reporting Date: 06/16/98
 Project Number: NOT GIVEN
 Project Name: NINETEEN BARRELS
 Project Location: CRI FACILITY
 Lab Number: H3686-3
 Sample ID: COMPOSITE OF BARRELS #18 & #19

Analysis Date: 06/15/98
 Sampling Date: 06/10/98
 Sample Type: SULDGE
 Sample Condition: COOL & INTACT
 Sample Received By: GP
 Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H3686-3	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.050	<0.005	0.022	44	0.050
1,4-Dichlorobenzene	7.50	<0.050	<0.005	0.041	82	0.050
o-Cresol	200	<0.050	<0.005	0.035	70	0.050
m, p-Cresol	200	<0.050	<0.005	0.037	74	0.050
Hexachloroethane	3.00	<0.050	<0.005	0.039	78	0.050
Nitrobenzene	2.00	<0.050	<0.005	0.056	112	0.050
Hexachloro-1,3-butadiene	0.500	<0.050	<0.005	0.043	86	0.050
2,4,6-Trichlorophenol	2.00	<0.050	<0.005	0.044	88	0.050
2,4,5-Trichlorophenol	400	<0.050	<0.005	0.049	98	0.050
2,4-Dinitrotoluene	0.130	<0.050	<0.005	0.053	106	0.050
Hexachlorobenzene	0.130	<0.050	<0.005	0.048	96	0.050
Pentachlorophenol	100	<0.050	<0.005	0.043	86	0.050

% RECOVERY

Fluorophenol	34
Phenol-d5	34
Nitrobenzene-d5	86
2-Fluorobiphenyl	70
2,4,6-Tribromophenol	61
Terphenyl-d14	108

METHODS: EPA SW 846-8270, 1311

Barrels numbered 3, and 6, were trash, and were not analyzed.



Burgess J. A. Cooke
 Burgess J. A. Cooke, Ph. D.

6/16/98
 Date

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ANALYTICAL RESULTS FOR
 R&S SERVICES
 ATTN: JEAN MANN
 P.O. BOX 1141
 DENVER CITY, TX 79323
 FAX TO: 806-592-8659

Receiving Date: 06/10/98
 Reporting Date: 06/16/98
 Project Number: NOT GIVEN
 Project Name: NINETEEN BARRELS
 Project Location: CRI FACILITY
 Lab Number: H3686-3
 Sample ID: COMPOSITE OF BARRELS #18 & #19

Analysis Date: 06/15/98
 Sampling Date: 06/10/98
 Sample Type: SLUDGE
 Sample Condition: COOL & INTACT
 Sample Received By: GP
 Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H3686-3	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.005	<0.005	0.099	99	0.100
1,1-Dichloroethylene	0.7	<0.005	<0.005	0.088	88	0.100
Methyl Ethyl Ketone	200	<0.050	<0.050	0.095	95	0.100
Chloroform	6.0	<0.005	<0.005	0.103	103	0.100
1,2-Dichloroethane	0.5	<0.005	<0.005	0.100	100	0.100
Benzene	0.5	1.120	<0.005	0.100	100	0.100
Carbon Tetrachloride	0.5	<0.005	<0.005	0.095	95	0.100
Trichloroethylene	0.5	<0.005	<0.005	0.101	101	0.100
Tetrachloroethylene	0.7	<0.005	<0.005	0.096	96	0.100
Chlorobenzene	100	<0.005	<0.005	0.101	101	0.100
1,4-Dichlorobenzene	7.5	<0.005	<0.005	0.105	105	0.100

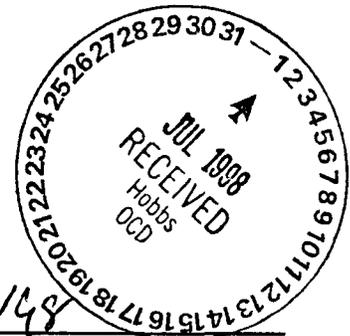
% RECOVERY

Dibromofluoromethane	99
Toluene-d8	106
Bromofluorobenzene	94

METHODS: EPA SW 846-8260, 1311

NOTE: Matrix interference observed; dilution required.

Barrels numbered 3, and 6, are trash and were not analyzed.



Burgess J. A. Cooke
 Burgess J. A. Cooke, Ph.D.

6/16/98
 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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R & S SERVICES
 ATTN: JEAN MANN
 P.O. BOX 1141
 DENVER CITY, TX 79323
 FAX TO: (806) 592-8659

Receiving Date: 06/10/98
 Reporting Date: 06/25/98
 Project Number: NOT GIVEN
 Project Name: NINETEEN BARRELS
 Project Location: CRI FACILITY
 Lab Number: H3686-3
 Sample ID: COMPOSITE OF BARRELS #18 & #19

Analysis Date: 06/17/98
 Sampling Date: 06/10/98
 Sample Type: SLUDGE
 Sample Condition: COOL AND INTACT
 Sample Received By: GP

Natural Occuring Radioactive Material

Analysis Description	Analysis Result	Analysis Error	Detection Limit	Analysis Units	Analysis Test Method	Analysis Date & Time
Ra-226	24.75	4.81	1.65	pCi/gm	EPA 901.1 M	06/17/98
Ra-228	BDL	N/A	<0.37	pCi/gm	EPA 901.1 M	06/17/98
Pb-210	7.77	5.47	2.17	pCi/gm	EPA 901.1 M	06/17/98
Total Activity	72.5	N/A	N/A	pCi/gm	EPA 901.1 M	06/17/98
BDL: Below Detection Limit						
N/A: Not applicable						



[Handwritten Signature]
 Chemist

06/25/98
 Date

H3686-3.XLS

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ANALYTICAL RESULTS FOR
R & S SERVICES
 ATTN: JEAN MANN
 P.O. BOX 1141
 DENVER CITY, TX 79323
 FAX TO: (806) 592-8659

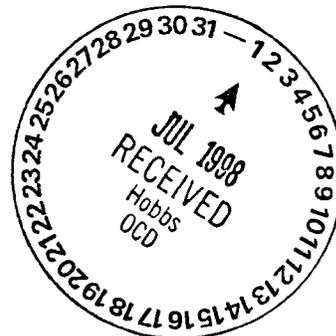
Receiving Date: 06/10/98
 Reporting Date: 06/17/98
 Project Number: NOT GIVEN
 Project Name: NOT GIVEN
 Project Location: NOT GIVEN

Sampling Date: 06/10/98
 Sample Type: SLUDGE
 Sample Condition: COOL AND INTACT
 Sample Received By: GP
 Analyzed By: BC

LAB NUMBER	SAMPLE ID	REACTIVITY			CORROSIVITY (pH)	IGNITABILITY (Burn Rate)
		Sulfide (ppm)	Cyanide (ppm)			
ANALYSIS DATE:		06/16/98	06/16/98	06/13/98	06/12/98	
H3686-1	COMP. OF BLS. #2 #11	Not reactive	Not reactive	7.26	Nonflammable	
H3686-2	COMP. OF BLS. #1,#4,#5 #7-#10, #12-#17	Not reactive	Not reactive	7.50	Nonflammable	
H3686-3	COMP. OF BLS. #18, #19	Not reactive	Not reactive	7.47	<2.2 mm/sec	
	Quality Control	NR	NR	6.69	NR	
	True Value QC	NR	NR	7.00	NR	
	% Accuracy	NR	NR	99.4	NR	
	Relative Percent Difference	NR	NR	0.7	NR	

METHOD: EPA SW 846-7.3, 7.2, 1030 (PROPOSED)

Barrels numbered 3, and 6, contained trash, and were not analyzed.



Greg A. Patten
 Chemist

06/25/98
 Date

H3686-2.XLS

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL LABORATORIES, INC.
 2111 Beechwood, Abilene, TX 79603 (915) 673-7001 Fax (915) 673-7020
 101 East Marland, Hobbs, NM 88240 (505) 393-2326 Fax (505) 393-2476

Page _____ of _____

Company Name: MES SERVICE Project Manager: Jean Mann Address: P.O. Box 1141 City: Denver City State: TX Zip: 79323 Phone #: 806-592-8659 Fax #: Same		BILL TO PO #: Company: R/S Services Attn: JEAN MANN Address: PO Box 1141 City: DENVER CITY State: TX Zip: 79323 Phone #: 806-592-8659 Fax #: Same	
Project #: _____ Project Owner: R/S Project Name: NINETEEN BARRELS Project Location: CRE Facility		MATRIX # CONTAINERS (C) R/B OR (COMP) GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID ICE / COOL OTHER:	
LAB I.D. H31080-1 Comp. Barrels #2 & #11		DATE TIME 6/10	
H31080-2 Comp. Barrels #1, 4, 5, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17		DATE TIME 6/10	
H31080-3 Comp. Barrels #18 & #19		DATE TIME 6/10	

ANALYSIS REQUEST Composite TSP Radioactive Analysis	
Terms and Conditions: Interval will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.	
Please Note: Liability and Damages. Cardinal's facility and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the 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 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.	
Sampler Relinquished: <i>[Signature]</i> Date: _____ Time: _____ Relinquished By: _____ Date: 6/10 Time: 5:30 Delivered By: (Circle One) Other - <i>Gar</i> Checked By: (Initials) <i>AMU</i> Sampler - UPS - Bus - Other: _____	
Received By: (Lab Stamp) <i>AMU</i> Sample Condition: Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Remarks: 3- TULIP - COMPLETE @ 150 = 3450 1- RADIOACTIVE ANALYSIS @ 150 = 150 Sampling Charge - AT HALF WING NM - 3 Hours @ 50 = 150 = 3750 NUM TAX 225 3975	

