

1R - 426-5

REPORTS

DATE:

6/02/2003

1R - 426-5

BD JCL 1-8

DISCLOSURE REPORT

**RICE OPERATING COMPANY
JUNCTION BOX DISCLOSURE* REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Blinebry-Drinkard	I-8	I	8	22 S	37 E	Lea	Length	Width	Depth
							5	5	10

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Lucy Flowers OTHER _____

Depth to Groundwater 71 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 10/11/2003 Date Completed 3/31/2003 OCD Witness No

Soil Excavated 440 cubic yards Excavation Length 25 Width 30 Depth 16 feet

Soil Disposed 48 cubic yards Offsite Facility Sundance Location Eunice, NM

FINAL ANALYTICAL RESULTS: Sample Date 3/27/2003 Sample Depth 16' bgs

Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

Sample Location	Benzene mg/kg	Toluene mg/kg	Ethyl Benzene mg/kg	Total Xylenes mg/kg	GRO mg/kg	DRO mg/kg	Chlorides mg/kg
SIDEWALLS	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	2140
BOTTOM	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	5850
REMEDIATED	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	1310

General Description of Remedial Action: The junction box location was delineated vertically and laterally producing a 25' x 30' x 16' excavation. TPH concentrations were well below NMOCD guidelines, while chloride concentrations did not exhibit a vertical decline. Chloride impact decreased laterally so a 3' compacted clay layer was installed at the bottom of the excavation at 16' bgs to inhibit vertical migration of chloride impact. The hole was then backfilled with the excavated soil that was landfarmed onsite. A new watertight junction box has been built at this location. The disturbed area has been re-seeded with native vegetation and will be monitored for growth.

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
Vertical	6	4397
	10	4450
	14	6700
	16	7450
N Wall	Composite	1350
S Wall	"	1900
E Wall	"	3800
W Wall	"	1400
bottom comp.	16	4550
wall comp.	n/a	1800

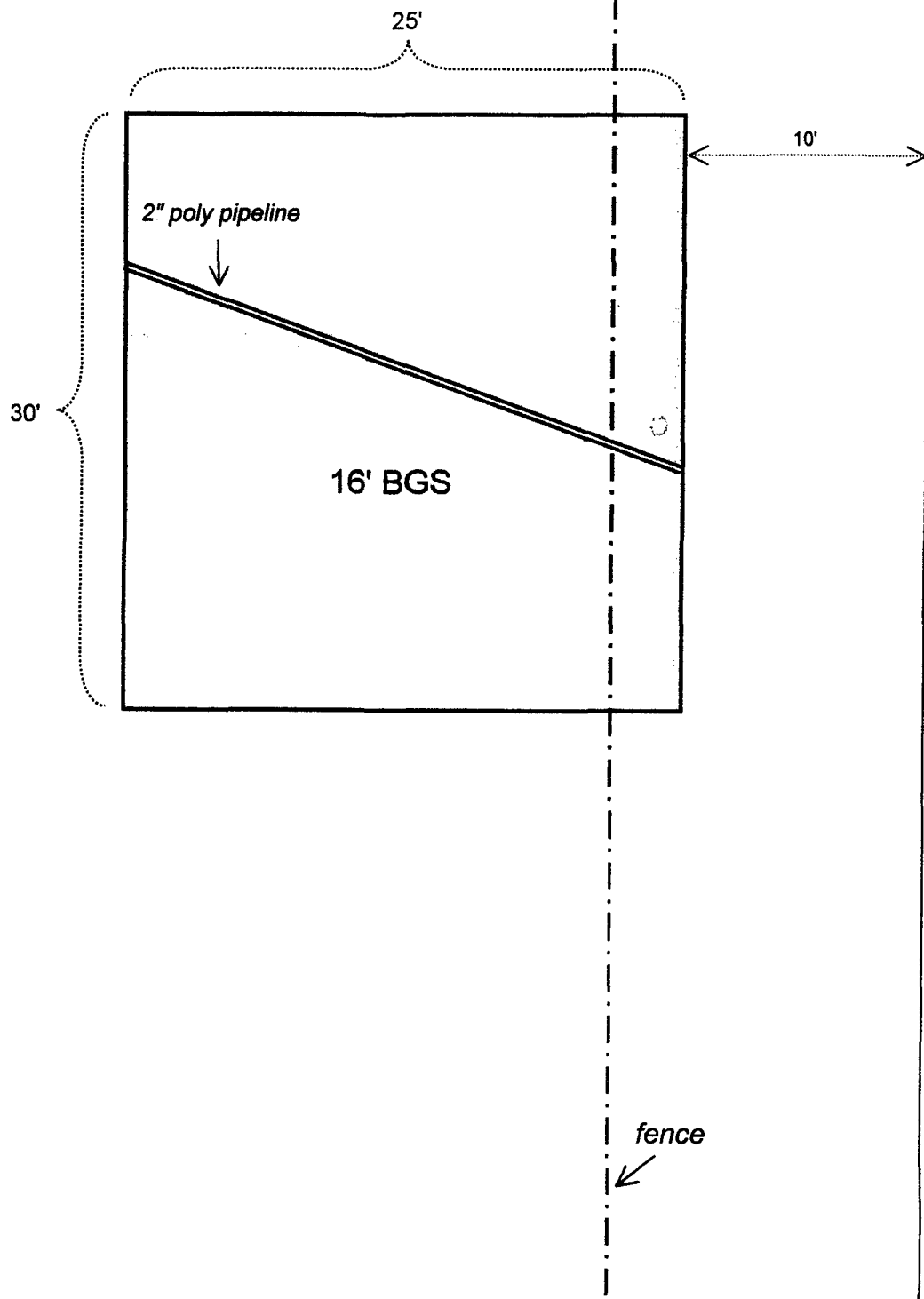
cc: ; diagram, lab results, photos, disposal tickets

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE 6/2/2003 PRINTED NAME Kristin Farris
SIGNATURE *Kristin Farris* TITLE Projects Scientist

*** This site is a "DISCLOSURE." It will be placed on a prioritized list of similar sites for further consideration.**

BD jct. I-8
25' x 30' x 16' Excavation



BD jct. I-8



Impact Excavation



Clay Barrier

BD jct. I-8



Construction of New Junction Box With Poly Liner



Completed New Junction Box

May 16, 2003

BD jct. I-8

SEEDING



Sundance Services, Inc. P.O. Box 1737 • Enfield, NM 88231 (505) 394-2511		NE 64795	
LEASE OPERATOR/SHIPPER/COMPANY: <u>Rice</u>			
LEASE NAME: <u>BD 500-28</u>			
TRANSPORTER COMPANY: <u>WATSON</u>			
DATE: <u>3/28/03</u>		VEHICLE NO.: <u>428</u>	
CHARGE TO: <u>Rice</u>		DRIVER NO.: _____	
TYPE OF MATERIAL <u>SOC 8 TPE 5 R PE</u>			
☐ Production Water ☐ Tank Bottoms ☐ Other Material: <u>Contaminated soil</u> Description: <u>1000 lbs</u>			
☐ Drilling Fluids ☐ Completion Fluids ☐ C-117 No.: _____ ☐ BS&W Content: _____			
VOLUME OF MATERIAL [] BBLs : [] YARD <u>12</u> : []			
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.			
ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.			
THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.			
DRIVER: <u>Chris Porter</u> (SIGNATURE)		FACILITY REPRESENTATIVE: <u>Subhmaniz</u> (SIGNATURE)	
While Sundance: Canary Sundance Act#1 Pink Sundance Act#2 Gold Transporter Revised 12/27/95			

Sundance Services, Inc. P.O. Box 1737 • Enfield, NM 88231 (505) 394-2511		NE 64788	
LEASE OPERATOR/SHIPPER/COMPANY: <u>Rice</u>			
LEASE NAME: <u>BD 500-28</u>			
TRANSPORTER COMPANY: <u>WATSON</u>			
DATE: <u>3/28/03</u>		VEHICLE NO.: <u>428</u>	
CHARGE TO: <u>Rice</u>		DRIVER NO.: _____	
TYPE OF MATERIAL <u>SOC 8 TPE 5 R PE</u>			
☐ Production Water ☐ Tank Bottoms ☐ Other Material: <u>Contaminated soil</u> Description: <u>1000 lbs</u>			
☐ Drilling Fluids ☐ Completion Fluids ☐ C-117 No.: _____ ☐ BS&W Content: _____			
VOLUME OF MATERIAL [] BBLs : [] YARD <u>12</u> : []			
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.			
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DRIVER: <u>Chris Porter</u> (SIGNATURE)		FACILITY REPRESENTATIVE: <u>Subhmaniz</u> (SIGNATURE)	
While Sundance: Canary Sundance Act#1 Pink Sundance Act#2 Gold Transporter Revised 12/27/95			

Sundance Services, Inc. **INC** **64800**
P.O. Box 1737 7, Eunice, NM 88331
(505) 394-2511

LEASE OPERATOR/SHIPPER/COMPANY: Rice

LEASE NAME: B.D. Seid

TRANSPORTER COMPANY: Walden Cars

DATE: 3-28-03 VEHICLE NO.: 428

CHARGE TO: Rice

TYPE OF MATERIAL

- ☐ Production Water
☐ Tank Bottoms
☐ Other Material:

Description: oilfield

VOLUME OF MATERIAL ☐ BBL.S. : 4 YARD 12 : ☐

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: [Signature]
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

White Sundance Quarry Sundance Asset# Pink Sundance Asset# Gold Transporter
Revised 12/27/95

Sundance Services, Inc. **INC** **64799**
P.O. Box 1737 7, Eunice, NM 88331
(505) 394-2511

LEASE OPERATOR/SHIPPER/COMPANY: Rice

LEASE NAME: B.D. Seid

TRANSPORTER COMPANY: Walden

DATE: 3-28-03 VEHICLE NO.: 40

CHARGE TO: Rice

TYPE OF MATERIAL

- ☐ Production Water
☐ Tank Bottoms
☐ Other Material:

Description: oilfield

VOLUME OF MATERIAL ☐ BBL.S. : 1 YARD 12 : ☐

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: [Signature]
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

White Sundance Quarry Sundance Asset# Pink Sundance Asset# Gold Transporter
Revised 12/27/95

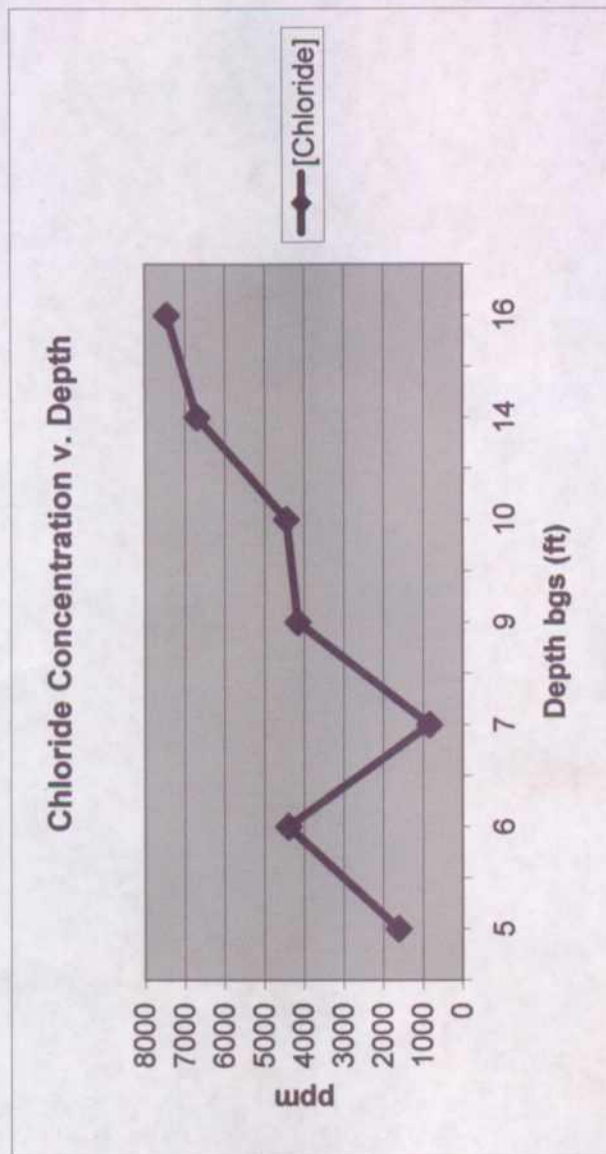
Sundance Services, Inc. P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511		64807
LEASE OPERATOR/SHIPPER/COMPANY: <u>Rice</u>		
LEASE NAME: <u>B.D. SWD</u>		
TRANSPORTER COMPANY: <u>Walters</u>		TIME: <u>AM/PM</u>
DATE: <u>3-28-03</u> VEHICLE NO.: <u>428</u>		DRIVER NO.:
CHARGE TO: <u>Rice</u>		
TYPE OF MATERIAL <u>5687025K37E</u> <u>Set 1-8</u>		
☐ Production Water ☐ Tank Bottoms ☐ Other Material: <u>Set 1-8</u> Description: <u>Set 1-8</u>		
TYPE OF MATERIAL <u>5687025K37E</u> <u>Set 1-8</u>		
☐ Drilling Fluids ☐ Contaminated soil ☐ BS&W Content:		
Description: <u>Set 1-8</u>		
VOLUME OF MATERIAL [] BBLs. : [] YARD <u>12</u> : []		
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.		
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DRIVER: <u>Chris</u> (SIGNATURE)		
FACILITY REPRESENTATIVE: <u>John</u> (SIGNATURE)		
White Sundance: Quarry-Sundance Act#1 Pink Sundance Act#2 Gold-Transporter Revised 12/27/95		

Sundance Services, Inc. P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511		64806
LEASE OPERATOR/SHIPPER/COMPANY: <u>Rice</u>		
LEASE NAME: <u>B.D. SWD</u>		
TRANSPORTER COMPANY: <u>Walters</u>		TIME: <u>AM/PM</u>
DATE: <u>3-28-03</u> VEHICLE NO.: <u>10</u>		DRIVER NO.:
CHARGE TO: <u>Rice</u>		
TYPE OF MATERIAL <u>5687025K37E</u> <u>Set 1-8</u>		
☐ Production Water ☐ Tank Bottoms ☐ Other Material: <u>Set 1-8</u> Description: <u>Set 1-8</u>		
TYPE OF MATERIAL <u>5687025K37E</u> <u>Set 1-8</u>		
☐ Drilling Fluids ☐ Contaminated soil ☐ BS&W Content:		
Description: <u>Set 1-8</u>		
VOLUME OF MATERIAL [] BBLs. : [] YARD <u>12</u> : []		
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DRIVER: <u>John</u> (SIGNATURE)		
FACILITY REPRESENTATIVE: <u>John</u> (SIGNATURE)		
White Sundance: Quarry-Sundance Act#1 Pink Sundance Act#2 Gold-Transporter Revised 12/27/95		

BD jct. I-8
T22S, R37E

Depth bgs (ft)	[Cl ⁻] ppm
5	1617
6	4397
7	837
9	4157
10	4450
14	6700
16	7450

Groundwater = 71 ft



ANALYTICAL REPORT

Prepared for:

CAROLYN HAYNES
RICE OPERATING CORP.
122 WEST TAYLOR
HOBBS, NM 88240

Project: I-8

PO#:

Order#: G0306119

Report Date: 04/02/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

RICE OPERATING CORP.
122 WEST TAYLOR
HOBBS, NM 88240
505-397-1471

Order#: G0306119
Project:
Project Name: I-8
Location: BD

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306119-01	Rem. Backfill Pile	SOIL	3/28/03 16:00	3/28/03 19:55	4 oz glass	Ice
<u>Lab Testing:</u>		Rejected: No	Temp:	2 C		
8015M						
8021B/5030 BTEX						
Chloride						

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CAROLYN HAYNES
RICE OPERATING CORP.
122 WEST TAYLOR
HOBBS, NM 88240

Order#: G0306119
Project:
Project Name: I-8
Location: BD

Lab ID: 0306119-01
Sample ID: Rem. Backfill Pile

8015M

Method	Date	Date	Sample	Dilution		
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/1/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	104%	70	130
1-Chlorooctadecane	104%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution		
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0005116-02		4/1/03 19:43	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	80%	80	120
Bromofluorobenzene	109%	80	120

Approval:

Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 1 of 1

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CAROLYN HAYNES
RICE OPERATING CORP.
122 WEST TAYLOR
HOBBS, NM 88240

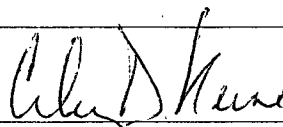
Order#: G0306119
Project:
Project Name: I-8
Location: BD

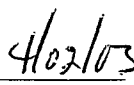
Lab ID: 0306119-01
Sample ID: Rem. Backfill Pile

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	1310	mg/kg	1	20	9253	3/31/03	CK

Approval:


Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.


Date

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0306119

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005102-02			<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306116-01	0	952	898	94.3%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306116-01	0	952	923	97.7%	2.7%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005102-05		1000	907	90.7%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306119

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005116-02			<0.025		
Toluene-mg/kg		0005116-02			<0.025		
Ethylbenzene-mg/kg		0005116-02			<0.025		
p/m-Xylene-mg/kg		0005116-02			<0.025		
o-Xylene-mg/kg		0005116-02			<0.025		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306119-01	0	0.1	0.089	89.0%	
Toluene-mg/kg		0306119-01	0	0.1	0.092	92.0%	
Ethylbenzene-mg/kg		0306119-01	0	0.1	0.100	100.0%	
p/m-Xylene-mg/kg		0306119-01	0	0.2	0.209	104.5%	
o-Xylene-mg/kg		0306119-01	0	0.1	0.107	107.0%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306119-01	0	0.1	0.086	86.0%	3.4%
Toluene-mg/kg		0306119-01	0	0.1	0.089	89.0%	3.3%
Ethylbenzene-mg/kg		0306119-01	0	0.1	0.097	97.0%	3.0%
p/m-Xylene-mg/kg		0306119-01	0	0.2	0.204	102.0%	2.4%
o-Xylene-mg/kg		0306119-01	0	0.1	0.103	103.0%	3.8%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005116-05		0.1	0.085	85.0%	
Toluene-mg/kg		0005116-05		0.1	0.089	89.0%	
Ethylbenzene-mg/kg		0005116-05		0.1	0.095	95.0%	
p/m-Xylene-mg/kg		0005116-05		0.2	0.199	99.5%	
o-Xylene-mg/kg		0005116-05		0.1	0.099	99.0%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0306119

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0005095-01			<20.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306109-02	0	500	532	106.4%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306109-02	0	500	517	103.4%	2.9%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0005095-04		5000	4960	99.2%	

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

Logan Anderson
Rice

8-11

Rice

Project Loc:

22

註

Fax No:

Sampler Signature:

Signature: _____

[illegible]

Special Instructions

Sample Containers Intact?
Temperature Upon Receipt:
Laboratory Comments:

Relinquished by:

Received by:

Date	Time
------	------

Date	Time
------	------

Requisitioned by:

Received by _____

Date	Time
------	------

Date	Time
------	------

Btm. + Wall Comp.

ANALYTICAL REPORT

Prepared for:

CAROLYN HAYNES
RICE OPERATING CORP.
122 WEST TAYLOR
HOBBS, NM 88240

Project: I-8

PO#:

Order#: G0306116

Report Date: 04/02/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

RICE OPERATING CORP.
122 WEST TAYLOR
HOBBS, NM 88240
505-397-1471

Order#: G0306116
Project:
Project Name: I-8
Location: BD

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306116-01	Wall Composite	SOIL	3/27/03 14:00	3/28/03 19:55	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 3 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					
0306116-02	5 pt Bottom Comp @ 16'	SOIL	3/27/03 14:00	3/28/03 19:55	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 3 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CAROLYN HAYNES
RICE OPERATING CORP.
122 WEST TAYLOR
HOBBS, NM 88240

Order#: G0306116
Project:
Project Name: 1-8
Location: BD

Lab ID: 0306116-01
Sample ID: Wall Composite

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
Blank	Prepared	Analyzed	Amount	Factor		
		4/1/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	106%	70	130
1-Chlorooctadecane	100%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
Blank	Prepared	Analyzed	Amount	Factor		
0005116-02		4/1/03 17:43	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	88%	80	120
Bromofluorobenzene	120%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 1 of 2

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CAROLYN HAYNES
RICE OPERATING CORP.
122 WEST TAYLOR
HOBBS, NM 88240

Order#: G0306116
Project:
Project Name: 1-8
Location: BD

Lab ID: 0306116-02
Sample ID: 5 pt Bottom Comp @ 16'

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/1/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	103%	70	130
1-Chlorooctadecane	101%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005116-02		4/1/03 18:03	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	83%	80	120
Bromofluorobenzene	115%	80	120

Approval:

Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 2 of 2

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CAROLYN HAYNES
RICE OPERATING CORP.
122 WEST TAYLOR
HOBBS, NM 88240

Order#: G0306116
Project:
Project Name: I-8
Location: BD

Lab ID: 0306116-01
Sample ID: Wall Composite

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	2140	mg/kg	1	20	9253	3/31/03	CK

Lab ID: 0306116-02
Sample ID: 5 pt Bottom Comp @ 16'

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	5850	mg/kg	1	20	9253	3/31/03	CK

Approval:

Coley D. Keene 04/02/03
Raland K. Tuttle, Lab Director, QA Officer
Coley D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

RL = Reporting Limit N/A = Not Applicable

Page 1 of 1

ENVIRONMENTAL LAB OF TEXAS I, LTD.

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ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0306116

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005102-02			<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306116-01	0	952	898	94.3%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306116-01	0	952	923	97.7%	2.7%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005102-05		1000	907	90.7%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306116

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005116-02			<0.025		
Toluene-mg/kg		0005116-02			<0.025		
Ethylbenzene-mg/kg		0005116-02			<0.025		
p/m-Xylene-mg/kg		0005116-02			<0.025		
o-Xylene-mg/kg		0005116-02			<0.025		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306119-01	0	0.1	0.089	89.9%	
Toluene-mg/kg		0306119-01	0	0.1	0.092	92.9%	
Ethylbenzene-mg/kg		0306119-01	0	0.1	0.100	100.9%	
p/m-Xylene-mg/kg		0306119-01	0	0.2	0.209	104.5%	
o-Xylene-mg/kg		0306119-01	0	0.1	0.107	107.9%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306119-01	0	0.1	0.086	86.9%	3.4%
Toluene-mg/kg		0306119-01	0	0.1	0.089	89.9%	3.3%
Ethylbenzene-mg/kg		0306119-01	0	0.1	0.097	97.9%	3.9%
p/m-Xylene-mg/kg		0306119-01	0	0.2	0.204	102.9%	2.4%
o-Xylene-mg/kg		0306119-01	0	0.1	0.103	103.9%	3.8%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005116-05		0.1	0.085	85.9%	
Toluene-mg/kg		0005116-05		0.1	0.089	89.9%	
Ethylbenzene-mg/kg		0005116-05		0.1	0.095	95.9%	
p/m-Xylene-mg/kg		0005116-05		0.2	0.199	99.5%	
o-Xylene-mg/kg		0005116-05		0.1	0.099	99.9%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0306116

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0005095-01			<20.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306109-02	0	500	532	106.4%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306109-02	0	500	517	103.4%	2.9%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0005095-04		5000	4960	99.2%	

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

78

Project #: BD
Project Loc: BD

DD

Analyze For:

[illegible]