

1R - 427-02

REPORTS

DATE:

3-10-2003

1R0427-2

DISCLOSURE REPORT

**RICE OPERATING COMPANY
JUNCTION BOX DISCLOSURE REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
EME	H-10	H	10	20S	36E	Lea	No Box		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER George & Harry Klein OTHER _____

Depth to Groundwater 31 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 1/29/2003 Date Completed 2/27/2003 OCD Witness No

Soil Excavated 156 cubic yards Excavation Length 24 Width 11 Depth 16 feet

Soil Disposed 0 cubic yards Offsite Facility n/a Location n/a

FINAL ANALYTICAL RESULTS: Sample Date 2/10/2003 Sample Depth 16'

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	88.6
BOTTOM	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	677
REMEDIATED	<0.025	<0.025	<0.025	<0.025	<10.0	65.7	106

General Description of Remedial Action: A 24' x 11' area was excavated to 16' bgs

with a slope on the north side. TPH concentrations met OCD guidelines at 16', however,

chloride impact only declined somewhat with depth. Sidewalls were clean with respect to TPH

and chloride impact so a 1' compacted clay barrier was installed at the bottom to slow vertical

chloride migration. The excavation was backfilled with the excavated soil that was remediated

on-site and contoured to the surrounding area. This site is no longer a junction so a box is

not required. Remaining TPH is expected to naturally attenuate. This site will be re-seeded

with native vegetation and will be monitored for growth.

cc: photos, lab results, diagrams

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
Vertical	4	1223
	8	399
	12	552
12' S	12	458
6'W	12	432
5'E	12	577
8'N	12	690
Wall Comp.	10'	170
Bottom Comp.	16'	800

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

DATE 3/10/2003 PRINTED NAME Kristin Farris

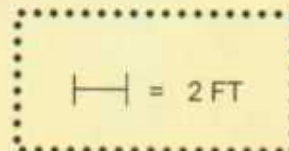
SIGNATURE Kristin Farris TITLE Projects Scientist

EME jct. H-10
Impact Excavation



 = area to be re-seeded

steel
flow
lines



SLOPE
TO
SURFACE

new 2"
poly line
at 4' bgs

center of
old box

16' BGS

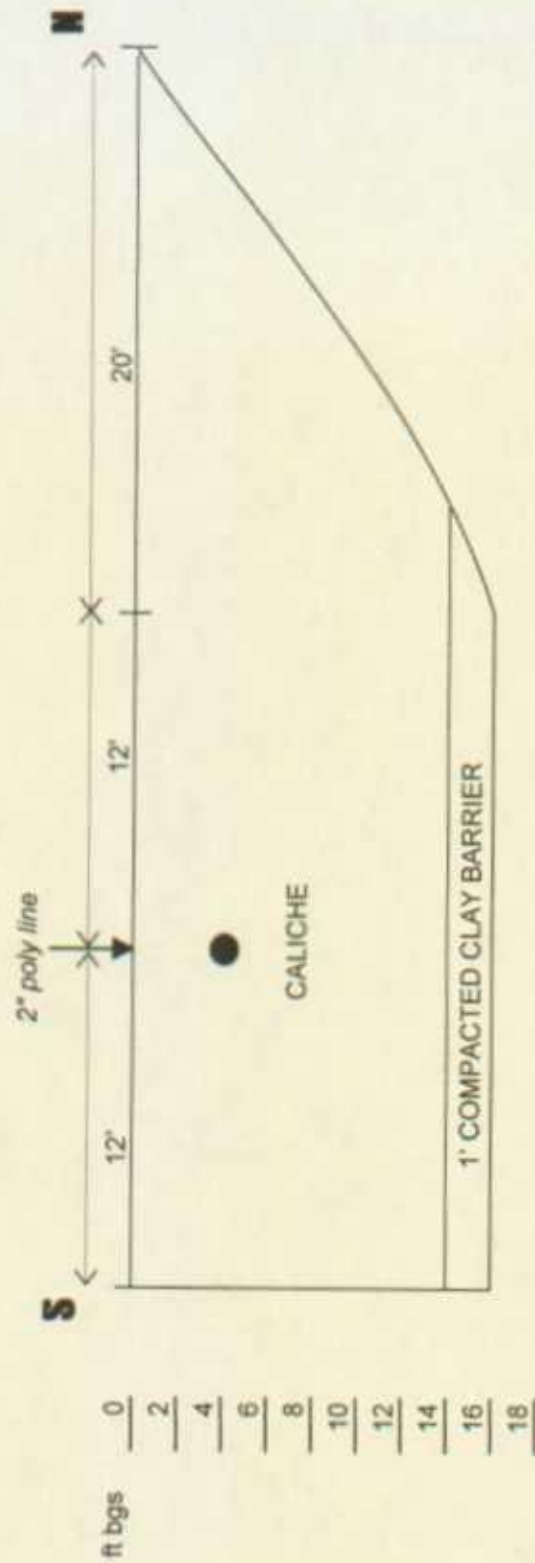
R
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A
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VEGETATION

EME jct. H-10 Impact Excavation Cross-Section

—|— = 2 FT



EME jet H-10



Impact Excavation



Clay Barrier @ 16' bgs

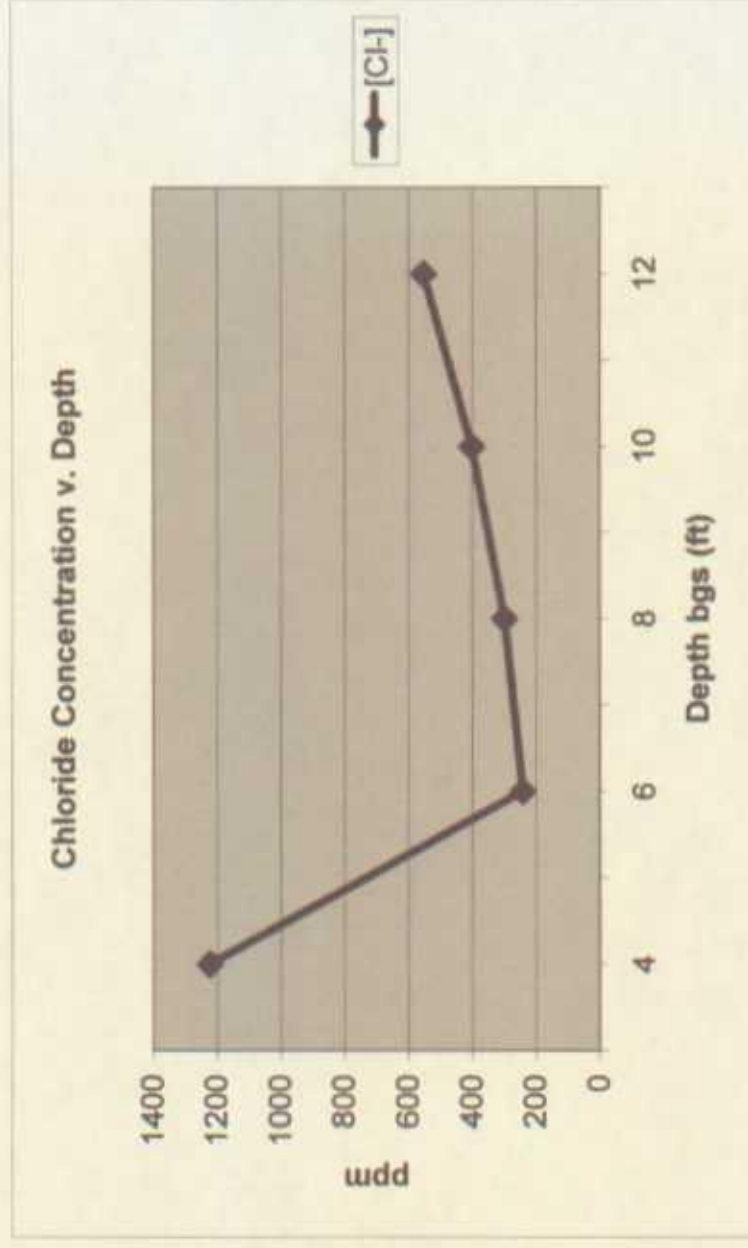


Remediated & Backfilled (looking west)

EME, jet. H-10
T20S, R36E

Depth bgs (ft)	[Cl-] ppm
4	1223
6	241
8	299
10	402
12	552

Groundwater = 31 ft



ANALYTICAL REPORT

Prepared for:

Kristin Farris
Rice Operating
122 W. Taylor
Hobbs, NM 88240

Remediated

Project: Jct. H-10
PO#: 749
Order#: G0305836
Report Date: 03/05/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS**SAMPLE WORK LIST**

Rice Operating
122 W. Taylor
Hobbs, NM 88240
505-397-1471

Order#: G0305836
Project:
Project Name: Jct. H-10
Location: EME

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>
0305836-01	Remed. Comp.	SOIL	2/26/03	2/27/03 19:36	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: -2 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Kristin Farris
Rice Operating
122 W. Taylor
Hobbs, NM 88240

Order#: G0305836
Project:
Project Name: Jct. H-10
Location: EME

Lab ID: 0305836-01
Sample ID: Remed. Comp.

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		2/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	65.7	10.0
TOTAL, C6-C35	65.7	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	106%	70	130
1-Chlorooctadecane	98%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004839-02		3/4/03 12:00	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	90%	80	120
Bromofluorobenzene	95%	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

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Kristin Farris
Rice Operating
122 W. Taylor
Hobbs, NM 88240

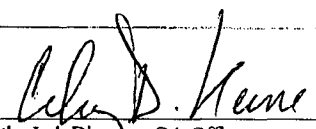
Order#: G0305836
Project:
Project Name: Jet. H-10
Location: EME

Lab ID: 0305836-01
Sample ID: Remed. Comp.

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	106	mg/kg	1	20	9253	3/3/03	SB

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

3/5/03

RL = Reporting Limit N/A = Not Applicable

Page 1 of 1

ENVIRONMENTAL LAB OF TEXAS I, LTD.

12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0305836

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0004808-02			<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0305835-01	0	952	875	91.9%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0305835-01	0	952	809	85.0%	7.8%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0004808-05		1000	822	82.2%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0305836

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0004839-02			<0.025		
Toluene-mg/kg		0004839-02			<0.025		
Ethylbenzene-mg/kg		0004839-02			<0.025		
p/m-Xylene-mg/kg		0004839-02			<0.025		
o-Xylene-mg/kg		0004839-02			<0.025		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0305835-02	0	0.1	0.097	97.%	
Toluene-mg/kg		0305835-02	0	0.1	0.100	100.%	
Ethylbenzene-mg/kg		0305835-02	0	0.1	0.102	102.%	
p/m-Xylene-mg/kg		0305835-02	0	0.2	0.210	105.%	
o-Xylene-mg/kg		0305835-02	0	0.1	0.103	103.%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0305835-02	0	0.1	0.098	98.%	1.%
Toluene-mg/kg		0305835-02	0	0.1	0.100	100.%	0.%
Ethylbenzene-mg/kg		0305835-02	0	0.1	0.101	101.%	1.%
p/m-Xylene-mg/kg		0305835-02	0	0.2	0.208	104.%	1.%
o-Xylene-mg/kg		0305835-02	0	0.1	0.102	102.%	1.%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0004839-05		0.1	0.098	98.%	
Toluene-mg/kg		0004839-05		0.1	0.102	102.%	
Ethylbenzene-mg/kg		0004839-05		0.1	0.102	102.%	
p/m-Xylene-mg/kg		0004839-05		0.2	0.211	105.5%	
o-Xylene-mg/kg		0004839-05		0.1	0.105	105.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0305836

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0004828-01			<20.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0305835-01	106	1000	1100	99.4%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0305835-01	106	1000	1100	99.4%	0.0%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0004828-04		5000	4960	99.2%	

Environmental Lab of Texas, Inc.
12800 West 1-20 East
Odessa, Texas 79763
Phone: 315-563-1800
Fax: 315-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS BENEFIT

Project Manager: Kristin Ferris

Company Name RICE Operating

Company Address: 122 W. Taylor

City/State/Zip: Hobbs, NM 88240

Telephone No. (505) 393-9174

Fax No: (505) 397-1471

Sampler Signature: Martin Laine

Project Name: Act. H-10

Project #:

Project Loc: EME

PO #: 749

Requested by: H. G. G. G. Requested by: CD Harper		Date: 02-27-03 Time: 11:30	Received by: Rel. G. G. G. Date: 2-27-03 Time: 11:30	Date: 02-27-03 Time: 11:30	Date: 02-27-03 Time: 11:30
Special Instructions:					
Field Code: 01 Rmnd. Comp.					
Date Sampled: 02-26-03					
Time Sampled: —					
No. of Containers: 1					
Preservative:					
Ice ☒					
HNO ₃ ☐					
HCl ☐					
NaOH ☐					
H ₂ SO ₄ ☐					
None ☐					
Other (Specify) ☐					
Matrix:					
Water ☐					
Sludge ☐					
Soil ☒					
Other (specify): ☒					
TPH/CLASAR/EC					
TPH 418.1					
TPH TX 1005/1006					
TPH 8015M GRO/DRO					
Metals: As Ag Ba Cd Cr Pb Hg Se					
Volatiles					
Semivolatiles					
BTEX 8021B/6030					
RUSH TAT (Pre-Schedule)					
Standard TAT					

ANALYTICAL REPORT

Prepared for:

Kristin Farris
Rice Operating
122 W. Taylor
Hobbs, NM 88240

Project: Jct. H-10
PO#: 749
Order#: G0305703
Report Date: 02/14/2003

Btm. Comp. @ 16'

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Rice Operating
122 W. Taylor
Hobbs, NM 88240
505-397-1471

Order#: G0305703
Project: None Given
Project Name: Jct. H-10
Location: EME

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<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>
0305703-01	Bottom Comp. @16'	SOIL	2/10/03	2/12/03 19:50	4 oz Glass	Ice
<u>Lab Testing:</u>		Rejected: No	Temp:	1.0 C		
8015M						
8021B/5030 BTEX						
Chloride						

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Kristin Farris
Rice Operating
122 W. Taylor
Hobbs, NM 88240

Order#: G0305703
Project: None Given
Project Name: Jct. H-10
Location: EME

Lab ID: 0305703-01
Sample ID: Bottom Comp. @16'

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		2/13/03	1	1	CK	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	97%	70	130
1-Chlorooctadecane	100%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004632-02		2/14/03 1:01	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	94%	80	120
Bromofluorobenzene	102%	80	120

Approval: Raland K. Tuttle 2-16-03
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.

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Kristin Farris
Rice Operating
122 W. Taylor
Hobbs, NM 88240

Order#: G0305703
Project: None Given
Project Name: Jct. H-10
Location: EME

Lab ID: 0305703-01
Sample ID: 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	677	mg/kg	1	20.0	9253	2/14/03	CK

Approval:

Raland K. Tuttle 2-17-03

Raland K. Tuttle, Lab Director, QA Officer

Date

Celey D. Keene, Org. Tech. Director

Jeanne McMurrey, Inorg. Tech. Director

Sandra Biezugbe, Lab Tech.

Sara Molina, Lab Tech.

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0305703

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0004634-02			<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0305702-01	49.2	952	849	84.4%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0305702-01	49.2	952	845	83.6%	0.5%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0004634-05		1000	903	90.3%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0305703

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0004632-02			<0.025		
Toluene-mg/kg		0004632-02			<0.025		
Ethylbenzene-mg/kg		0004632-02			<0.025		
p/m-Xylene-mg/kg		0004632-02			<0.025		
o-Xylene-mg/kg		0004632-02			<0.025		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0305706-04	0	2.5	2.14	85.6%	
Toluene-mg/kg		0305706-04	0.037	2.5	2.21	86.9%	
Ethylbenzene-mg/kg		0305706-04	0	2.5	2.25	90.%	
p/m-Xylene-mg/kg		0305706-04	0.058	5	4.90	96.8%	
o-Xylene-mg/kg		0305706-04	0	2.5	2.31	92.4%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0305706-04	0	2.5	2.21	88.4%	3.2%
Toluene-mg/kg		0305706-04	0.037	2.5	2.24	88.1%	1.3%
Ethylbenzene-mg/kg		0305706-04	0	2.5	2.26	90.4%	0.4%
p/m-Xylene-mg/kg		0305706-04	0.058	5	4.91	97.%	0.2%
o-Xylene-mg/kg		0305706-04	0	2.5	2.34	93.6%	1.3%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0004632-05		0.1	0.087	87.%	
Toluene-mg/kg		0004632-05		0.1	0.088	88.%	
Ethylbenzene-mg/kg		0004632-05		0.1	0.088	88.%	
p/m-Xylene-mg/kg		0004632-05		0.2	0.192	96.%	
o-Xylene-mg/kg		0004632-05		0.1	0.092	92.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0305703

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0004640-01			<20.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0305697-01	3540	5000	8510	99.4%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0305697-01	3540	5000	8600	101.2%	1.1%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0004640-04		5000	5230	104.6%	

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

ict. H-10

Project Loc:

PO#

[illegible]

ANALYTICAL REPORT

Prepared for:

Kristin Farris
Rice Operating
122 W. Taylor
Hobbs, NM 88240

Project: Jct. H-10
PO#: 749
Order#: G0305670
Report Date: 02/14/2003

Wall Comp. @ 10'

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Rice Operating
122 W. Taylor
Hobbs, NM 88240
505-397-1471

Order#: G0305670
Project: None Given
Project Name: Jct. H-10
Location: EME

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>
0305670-01	Wall Comp. @10'	SOIL	2/4/03 15:39	2/7/03 19:30	4 oz Glass	Ice
<u>Lab Testing:</u>		Rejected: No	Temp:	0.5 C		
8015M						
8021B/5030 BTEX						
Chloride						

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Kristin Farris
Rice Operating
122 W. Taylor
Hobbs, NM 88240

Order#: G0305670
Project: None Given
Project Name: Jct. H-10
Location: EME

Lab ID: 0305670-01
Sample ID: Wall Comp. @10'

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		2/10/03	1	1	CDH	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	95%	70	130
1-Chlorooctadecane	102%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004627-02		2/13/03 14:39	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	85%	80	120
Bromofluorobenzene	89%	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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Kristin Farris
Rice Operating
122 W. Taylor
Hobbs, NM 88240

Order#: G0305670
Project: None Given
Project Name: Jct. H-10
Location: EME

Lab ID: 0305670-01
Sample ID: Wall Comp. @10'

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	88.6	mg/kg	1	20.0	9253	2/10/03	CK

Approval:

Raland K. Tuttle 2-14-03
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.

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0305670

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0004583-02			<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0305670-01	0	952	935	98.2%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0305670-01	0	952	949	99.7%	1.5%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0004583-05		1000	909	90.9%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0305670

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0004627-02			<0.025		
Toluene-mg/kg		0004627-02			<0.025		
Ethylbenzene-mg/kg		0004627-02			<0.025		
p/m-Xylene-mg/kg		0004627-02			<0.025		
o-Xylene-mg/kg		0004627-02			<0.025		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0305650-01	0	0.1	0.088	88.%	
Toluene-mg/kg		0305650-01	0	0.1	0.088	88.%	
Ethylbenzene-mg/kg		0305650-01	0	0.1	0.087	87.%	
p/m-Xylene-mg/kg		0305650-01	0	0.2	0.188	94.%	
o-Xylene-mg/kg		0305650-01	0	0.1	0.088	88.%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0305650-01	0	0.1	0.085	85.%	3.5%
Toluene-mg/kg		0305650-01	0	0.1	0.085	85.%	3.5%
Ethylbenzene-mg/kg		0305650-01	0	0.1	0.083	83.%	4.7%
p/m-Xylene-mg/kg		0305650-01	0	0.2	0.175	87.5%	7.2%
o-Xylene-mg/kg		0305650-01	0	0.1	0.083	83.%	5.8%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0004627-05		0.1	0.089	89.%	
Toluene-mg/kg		0004627-05		0.1	0.091	91.%	
Ethylbenzene-mg/kg		0004627-05		0.1	0.090	90.%	
p/m-Xylene-mg/kg		0004627-05		0.2	0.196	98.%	
o-Xylene-mg/kg		0004627-05		0.1	0.092	92.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0305670

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0004580-01			< 20.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0305665-02	2350	834	3280	111.5%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0305665-02	2350	834	3190	100.7%	2.8%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0004580-04		5000	5140	102.8%	

12600 West I-20 East
Odessa, Texas 79763

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Name:

ict. H-10

RICE Operating

Project #:

122 W. Taylor

Project Loc: EME

City/State/Zip: Hobbs, NM 88240

PO #: 749

Telephone No. (505) 393-9174

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Christin Storr

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