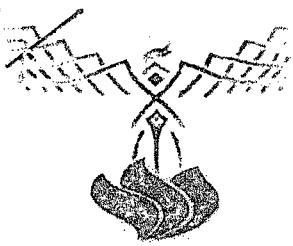


1R - 426-116

**GENERAL
CORRESPONDENCE**

**YEAR(S):
2005**



PHOENIX ENVIRONMENTAL LLC

P.O. Box 1856

2113 French Dr.

Hobbs, NM 88241-1856

Office 505-391-9685

Fax 505-391-9687

September 9, 2005

Irvin Boyd
PO Box 121
Eunice, New Mexico 88231

Attn: Mr. Irvin Boyd

RE: Rice Operating Sites Located on the Boyd Ranch that are BDA-27 and the Vent N-11

Dear Mr. Boyd:

Phoenix Environmental, LLC (Phoenix) would like to take this time to thank you for the opportunity to provide our professional services on the site assessment of the above listed sites that is located on the Boyd Ranch.

If you have any questions and/or need more data in regards to this project please call at any time.

Sincerely,

Allen Hodge, REM
Sr. Project Manager
Phoenix Environmental LLC

2006 JUN 12 PM 3 41



Summary/Overview

The two Rice Operating sites should be completed and remediated in accordance with the standards of the Boyd Ranch and the New Mexico Oil Conservation Division (NMOCD) guidelines for cleanup of spills and releases. It is our understanding that any potential contamination from the site was a result of activities associated with the disposal of waste water or produced water from the oil and gas industry.

The potential contaminants of concern are mid to high-level concentrations of petroleum-based hydrocarbons and produced water that were lost due to a disposal line leak and from old junction box leaks, that were absorbed by the surrounding near-surface soils.

The NMOCD regulates the remediation and disposal of non-domestic wastes resulting from the Oil and Gas industry. In addition, the NMOCD administers all Water Quality Act regulations pertaining to surface and ground water except sewage for the oil and gas industry. This authority includes the disposition of non-domestic, non-hazardous wastes at Oil and Gas facilities.

The two Rice Operating sites are the BDA-27 located in unit A of Sec. 27, T22S, and R37E in Lea County New Mexico and the Vent N-11 located in Sec. 11, T22S and R37E in Lea County New Mexico. The site BDA-27 had a GPS readings of 32° 22' 04.5" N and 103° 08' 43.2" W with an elevation of 3,341' ASL and the site Vent N-11 had a GPS reading of 32° 24' 11.0" N and 103° 08' 17.5" W with an elevation of 3,355' ASL. The lands primary use is domestic pasture for ranching and the production of oil and gas. The site is located on the Boyd Ranch.

The ground water depth data available for this section from the state engineer's office showed the depth to ground water to be in the 50' range at the BDA-27 and in the 40' range at the Vent N-11.

Pursuant to the standards of the Boyd Ranch and the NMOCD guidelines for clean up of leaks and spills, the clean up level for these sites will be at <100ppm of TPH and ND for BTEX. This is due to the fact that the ground water in the area is less than 50' BGS. The Boyd Ranch requires that the chlorides be at background levels or very near (<100ppm).



Assessment Data

Phoenix was contracted by the Boyd Ranch to be at the sites in order to witness and split samples with Rice Operating to insure that the Boyd Ranch gets good site data on the amount of impact at the two sites.

The first site was the BDA-27 where Rice had a spill of produced water that ran out into the pasture and impacted an estimated 15,000sq/ft of surface area. In May of 2005 Rice was on site and hand augured soil samples across the spill area. Phoenix split these samples with Rice and then sent select samples to a third party lab for analysis. The samples were tested for TPH, BTEX and CL. The lab analysis showed that vertical impact went down into the 5' range (See lab analysis).

Based on the lab analysis from the first site there would be an estimated 2,778cyds of impacted soils that need to be addressed for site closure.

The second site the Vent N-11 is a junction box for their pipelines where they had had several leaks in the past that had not been cleaned up. In June of 2005 Rice was on site with a backhoe to dig some test holes to sample and check the vertical depth of impact. Rice first started at the box and then started going out north, south, east and west in 5' increments. Rice didn't finish the vertical and horizontal delineation of the impact and stopped at 15' west and 15' east and only went 5' north and south. Samples were taken from the test holes and select samples were sent to a third party lab for analysis and tested for TPH, BTEX and CL. The lab analysis showed that there were very high levels of TPH in the 12,000ppm range and CL in the 1,500ppm (See lab analysis). Rice said that they were going to be back, but as of yet they have not. The total amount of impacted soils at this site is not known as of this date due to the fact that Rice has not finished the assessment of the site.

On 8-31-05, 9-1-05 and 9-2-05 Rice had Hicks Consultants on the BDA-27 site with a drilling rig to drill test holes to define the vertical depth of impact. The first boring on the south end of the BDA-27 spill showed that the CL impact went all the way to water and was completed as a monitor well to check the level of impact to the groundwater. Hicks drilled 7 more borings down through the spill area with a average depth of 18'. Using the surface area and the average depth of impact this site will yield an estimated 10,000cyds of impacted soils that need to be addressed for site closure.



Taking the average cost of clean ups for this area at 40.00cyd it would take an estimated 400,000.00 to clean up this site. This estimated cost does not include the cost of addressing the groundwater impact.

Note: The Vent N-11 has a very real threat of being in the ground water due to the fact that the vertical depth was not found and the excavation has been left open. With all the rain the site has had in the past few months with run off going into the hole it is pushing the impact into the groundwater.

If you have any questions and/or need more data in regards to this project please call at any time.

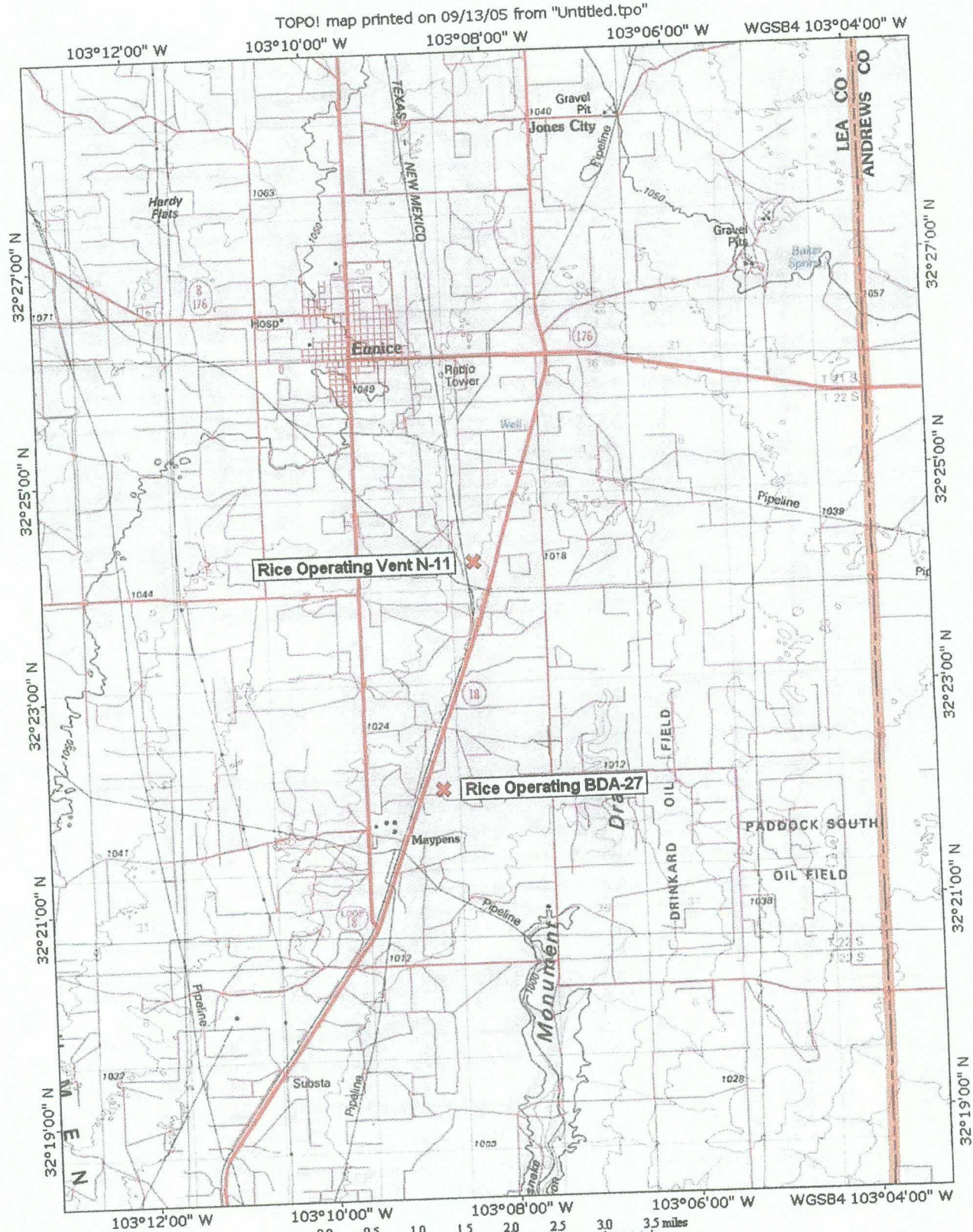
Sincerely,

A handwritten signature in black ink, appearing to read 'Allen Hodge', with a stylized flourish at the end.

Allen Hodge, REM
Sr. Project Manager
Phoenix Environmental LLC



TOPO! map printed on 09/13/05 from "Untitled.tpo"

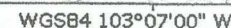


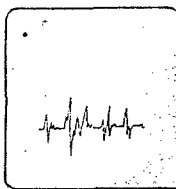
TN*MN
84°

Map created with TOPO! © 2003 National Geographic (www.nationalgeographic.com/topo)



WGS84 103°07'00" W





ASSAIGAI ANALYTICAL LABORATORIES, INC.

4301 Masthead NE • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259

3332 Wedgewood, Ste. N • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820
127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) 662-2558

PHOENIX ENVIRONMENTAL, LLC
attn: ALLEN HODGE
PO BOX 1856
HOBBS

NM 88241

Explanation of codes

B	Analyte Detected in Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: PHOENIX ENVIRONMENTAL, LLC
Project: BOYD / RICE - BDA-27
Order: 0505431 PHO01 Receipt: 05-19-05

William P. Biava: President of Assaigai Analytical Laboratories, Inc.

Sample: SP-13 @ SURFACE 0-6"

Collected: 05-18-05 8:00:00 By: DP

Matrix: SOIL

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-01A		EPA 300.0 Anions by IC							By: JTK	
W05400	WC.2005.1422.9	16887-00-6	Chloride	5.05	mg / Kg	10	0.5		05-24-05	05-23-05
0505431-01A		SW846 5035B/8015B GRO by GC/FID							By: TRS	
V05034	XG.2005.879.16		Gasoline Range Organics	ND	mg / Kg	1	0.55		05-25-05	05-25-05
0505431-01A		SW846 5035B/8021B Purgeable VOCs by GC/PID							By: TRS	
V05020	XG.2005.863.5	71-43-2	Benzene	ND	mg / Kg	1	0.005		05-23-05	05-23-05
V05020	XG.2005.863.5	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		05-23-05	05-23-05
V05020	XG.2005.863.5	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		05-23-05	05-23-05
V05020	XG.2005.863.5	108-38-3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		05-23-05	05-23-05
V05020	XG.2005.863.5	108-88-3	Toluene	ND	mg / Kg	1	0.005		05-23-05	05-23-05
0505431-01A		SW846 8015B Diesel Range Organics by GC/FID							By: JWB	
S05024	XG.2005.852.59		Diesel Range Organics	ND	mg / Kg	1	25		05-21-05	05-22-05

Sample: SP-13 @ 4'

Collected: 05-18-05 8:10:00 By: DP

Matrix: SOIL

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-02A		EPA 300.0 Anions by IC							By: JTK	
W05400	WC.2005.1422.11	16887-00-6	Chloride	6.45	mg / Kg	10	0.5		05-24-05	05-23-05

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **PHOENIX ENVIRONMENTAL, LLC**
 Project: **BOYD / RICE - BDA-27**
 Order: **0505431 PHO01** Receipt: **05-19-05**

Sample: **SP-14 @ SURFACE 0-6"** Collected: **05-18-05 8:20:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-03A		EPA 300.0 Anions by IC By: JTK								
W05400	WC.2005.1422.14	16887-00-6	Chloride	1610	mg / Kg	10	0.5		05-24-05	05-23-05

Sample: **SP-14 @ 2'** Collected: **05-18-05 8:30:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-04A		EPA 300.0 Anions by IC By: JTK								
W05400	WC.2005.1422.16	16887-00-6	Chloride	897	mg / Kg	10	0.5		05-24-05	05-23-05

Sample: **SP-19 @ SURFACE 0-6"** Collected: **05-18-05 8:40:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-05A		EPA 300.0 Anions by IC By: JTK								
W05400	WC.2005.1422.18	16887-00-6	Chloride	1360	mg / Kg	10	0.5		05-24-05	05-23-05

Sample: **SP-19 @ 2'** Collected: **05-18-05 8:50:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-06A		EPA 300.0 Anions by IC By: JTK								
W05400	WC.2005.1422.20	16887-00-6	Chloride	426	mg / Kg	10	0.5		05-24-05	05-24-05

Sample: **SP-25 @ SURFACE 0-6"** Collected: **05-18-05 9:20:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-07A		EPA 300.0 Anions by IC By: JTK								
W05400	WC.2005.1422.22	16887-00-6	Chloride	816	mg / Kg	10	0.5		05-24-05	05-24-05

Sample: **SP-25 @ 2'** Collected: **05-18-05 9:30:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-08A		EPA 300.0 Anions by IC By: JTK								
W05400	WC.2005.1422.24	16887-00-6	Chloride	2100	mg / Kg	100	0.5		05-24-05	05-24-05

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **PHOENIX ENVIRONMENTAL, LLC**
 Project: **BOYD / RICE - BDA-27**
 Order: **0505431 PHO01** Receipt: **05-19-05**

Sample: **SP-25 @ 2'** Collected: 05-18-05 9:30:00 By: DP
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
Sample:	SP-26 @ SURFACE 0-6"									
Matrix:	SOIL									
Collected: 05-18-05 9:50:00 By: DP										

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-09A EPA 300.0 Anions by IC By: JTK										
W05400	WC.2005.1422.27	16887-00-6	Chloride	1710	mg / Kg	10	0.5		05-24-05	05-24-05
0505431-09A SW846 5035B/8015B GRO by GC/FID By: TRS										
V05034	XG.2005.879.17		Gasoline Range Organics	ND	mg / Kg	1	0.55		05-25-05	05-25-05
0505431-09A SW846 5035B/8021B Purgeable VOCs by GC/PID By: TRS										
V05020	XG.2005.863.8	71-43-2	Benzene	ND	mg / Kg	1	0.005		05-23-05	05-23-05
V05020	XG.2005.863.8	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		05-23-05	05-23-05
V05020	XG.2005.863.8	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		05-23-05	05-23-05
V05020	XG.2005.863.8	108-38-3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		05-23-05	05-23-05
V05020	XG.2005.863.8	108-88-3	Toluene	ND	mg / Kg	1	0.005		05-23-05	05-23-05
0505431-09A SW846 8015B Diesel Range Organics by GC/FID By: JWB										
S05024	XG.2005.852.60		Diesel Range Organics	ND	mg / Kg	1	25		05-21-05	05-22-05

Sample: **SP-26 @ 1'** Collected: 05-18-05 10:10:00 By: DP
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-10A EPA 300.0 Anions by IC By: JTK										
W05400	WC.2005.1422.29	16887-00-6	Chloride	1310	mg / Kg	10	0.5		05-24-05	05-24-05

Sample: **SP-35 @ SURFACE 0-6"** Collected: 05-18-05 10:20:00 By: DP
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-11A EPA 300.0 Anions by IC By: JTK										
W05400	WC.2005.1422.31	16887-00-6	Chloride	5.64	mg / Kg	10	0.5		05-24-05	05-24-05

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **PHOENIX ENVIRONMENTAL, LLC**
 Project: **BOYD / RICE - BDA-27**
 Order: **0505431 PHO01** Receipt: **05-19-05**

Sample: **SP-35 @ 2'** Collected: **05-18-05 10:30:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-12A		EPA 300.0 Anions by IC By: JTK								
W05400	WC.2005.1422.33	16887-00-6	Chloride	6.34	mg / Kg	10	0.5		05-24-05	05-24-05

Sample: **SP-47 @ SURFACE 0-6"** Collected: **05-18-05 10:40:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-13A		EPA 300.0 Anions by IC By: JTK								
W05400	WC.2005.1422.36	16887-00-6	Chloride	194	mg / Kg	10	0.5		05-24-05	05-24-05

Sample: **SP-47 @ 2'** Collected: **05-18-05 10:50:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-14A		EPA 300.0 Anions by IC By: JTK								
W05400	WC.2005.1422.38	16887-00-6	Chloride	925	mg / Kg	10	0.5		05-24-05	05-24-05

Sample: **SP-61 @ SURFACE 0-6"** Collected: **05-18-05 11:00:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-15A		EPA 300.0 Anions by IC By: JTK								
W05403	WC.2005.1429.7	16887-00-6	Chloride	10.9	mg / Kg	10	0.5		05-25-05	05-24-05

Sample: **SP-61 @ 3'** Collected: **05-18-05 11:10:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-16A		EPA 300.0 Anions by IC By: JTK								
W05403	WC.2005.1429.9	16887-00-6	Chloride	1070	mg / Kg	10	0.5		05-25-05	05-24-05

Sample: **SP-66 @ SURFACE 0-6"** Collected: **05-18-05 11:30:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-17A		EPA 300.0 Anions by IC By: JTK								
W05403	WC.2005.1429.11	16887-00-6	Chloride	1290	mg / Kg	10	0.5		05-25-05	05-24-05

Assagai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **PHOENIX ENVIRONMENTAL, LLC**
 Project: **BOYD / RICE - BDA-27**
 Order: **0505431 PHO01** Receipt: **05-19-05**

Sample: **SP-66 @ SURFACE 0-6"** Collected: **05-18-05 11:30:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-17A			SW846 5035B/8015B GRO by GC/FID					By: TRS		
V05036	XG.2005.885.5		Gasoline Range Organics	ND	mg / Kg	1	0.55		05-26-05	05-26-05
0505431-17A			SW846 5035B/8021B Purgeable VOCs by GC/PID					By: TRS		
V05020	XG.2005.863.9	71-43-2	Benzene	ND	mg / Kg	1	0.005		05-23-05	05-23-05
V05020	XG.2005.863.9	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		05-23-05	05-23-05
V05020	XG.2005.863.9	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		05-23-05	05-23-05
V05020	XG.2005.863.9	108-38-3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		05-23-05	05-23-05
V05020	XG.2005.863.9	108-88-3	Toluene	ND	mg / Kg	1	0.005		05-23-05	05-23-05
0505431-17A			SW846 8015B Diesel Range Organics by GC/FID					By: JWB		
S05024	XG.2005.852.61		Diesel Range Organics	ND	mg / Kg	1	25		05-21-05	05-22-05

Sample: **SP-66 @ 3'** Collected: **05-18-05 11:40:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-18A			EPA 300.0 Anions by IC					By: JTK		
W05403	WC.2005.1429.14	16887-00-6	Chloride	1480	mg / Kg	10	0.5		05-25-05	05-24-05

Sample: **SP-70 @ SURFACE 0-6"** Collected: **05-18-05 12:00:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-19A			EPA 300.0 Anions by IC					By: JTK		
W05403	WC.2005.1429.16	16887-00-6	Chloride	ND	mg / Kg	10	0.5		05-25-05	05-24-05
0505431-19A			SW846 5035B/8015B GRO by GC/FID					By: TRS		
V05034	XG.2005.879.19		Gasoline Range Organics	ND	mg / Kg	1	0.55		05-25-05	05-25-05
0505431-19A			SW846 5035B/8021B Purgeable VOCs by GC/PID					By: TRS		
V05020	XG.2005.863.10	71-43-2	Benzene	ND	mg / Kg	1	0.005		05-23-05	05-23-05
V05020	XG.2005.863.10	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		05-23-05	05-23-05
V05020	XG.2005.863.10	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		05-23-05	05-23-05
V05020	XG.2005.863.10	108-38-3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		05-23-05	05-23-05
V05020	XG.2005.863.10	108-88-3	Toluene	ND	mg / Kg	1	0.005		05-23-05	05-23-05
0505431-19A			SW846 8015B Diesel Range Organics by GC/FID					By: JWB		
S05024	XG.2005.852.62		Diesel Range Organics	ND	mg / Kg	1	25		05-21-05	05-22-05

Assagai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **PHOENIX ENVIRONMENTAL, LLC**
 Project: **BOYD / RICE - BDA-27**
 Order: **0505431 PHO01** Receipt: **05-19-05**

Sample: **SP-70 @ 6'** Collected: **05-18-05 12:20:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-20A		EPA 300.0 Anions by IC By: JTK								
W05403	WC.2005.1429.18	16887-00-6	Chloride	10.8	mg / Kg	10	0.5		05-25-05	05-24-05

Sample: **SP-77 @ SURFACE 0-6"** Collected: **05-18-05 12:30:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-21A		EPA 300.0 Anions by IC By: JTK								
W05403	WC.2005.1429.20	16887-00-6	Chloride	416	mg / Kg	10	0.5		05-25-05	05-24-05

Sample: **SP-77 @ 4'** Collected: **05-18-05 12:40:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-22A		EPA 300.0 Anions by IC By: JTK								
W05403	WC.2005.1429.22	16887-00-6	Chloride	321	mg / Kg	10	0.5		05-25-05	05-24-05

Sample: **SP-85 @ SURFACE 0-6"** Collected: **05-18-05 13:00:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-23A		EPA 300.0 Anions by IC By: JTK								
W05403	WC.2005.1429.25	16887-00-6	Chloride	730	mg / Kg	10	0.5		05-25-05	05-24-05

Sample: **SP-85 @ 2'** Collected: **05-18-05 13:10:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-24A		EPA 300.0 Anions by IC By: JTK								
W05403	WC.2005.1429.26	16887-00-6	Chloride	1810	mg / Kg	100	0.5		05-25-05	05-24-05

Sample: **SP-1 @ 6"-8"** Collected: **05-18-05 13:30:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-25A		EPA 300.0 Anions by IC By: JTK								
W05403	WC.2005.1429.29	16887-00-6	Chloride	642	mg / Kg	10	0.5		05-25-05	05-24-05

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **PHOENIX ENVIRONMENTAL, LLC**
 Project: **BOYD / RICE - BDA-27**
 Order: **0505431 PHO01** Receipt: **05-19-05**

Sample: **SP-1 @ 6"-8"** Collected: **05-18-05 13:30:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-25A SW846 5035B/8015B GRO by GC/FID By: TRS										
V05036	XG.2005.885.8		Gasoline Range Organics	ND	mg / Kg	1	0.55		05-26-05	05-26-05
0505431-25A SW846 5035B/8021B Purgeable VOCs by GC/PID By: TRS										
V05020	XG.2005.863.11	71-43-2	Benzene	ND	mg / Kg	1	0.005		05-23-05	05-23-05
V05020	XG.2005.863.11	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		05-23-05	05-23-05
V05020	XG.2005.863.11	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		05-23-05	05-23-05
V05020	XG.2005.863.11	108-38-3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		05-23-05	05-23-05
V05020	XG.2005.863.11	108-88-3	Toluene	ND	mg / Kg	1	0.005		05-23-05	05-23-05
0505431-25A SW846 8015B Diesel Range Organics by GC/FID By: JWB										
S05024	XG.2005.852.63		Diesel Range Organics	ND	mg / Kg	1	25		05-21-05	05-22-05

Sample: **SP-A @ 8'** Collected: **05-18-05 14:00:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-26A EPA 300.0 Anions by IC By: JTK										
W05403	WC.2005.1429.31	16887-00-6	Chloride	57.3	mg / Kg	10	0.5		05-25-05	05-25-05

Sample: **SP-B @ 7'** Collected: **05-18-05 14:30:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-27A EPA 300.0 Anions by IC By: JTK										
W05403	WC.2005.1429.33	16887-00-6	Chloride	81.3	mg / Kg	10	0.5		05-25-05	05-25-05

Sample: **SP-C @ 12'** Collected: **05-18-05 15:00:00** By: **DP**
 Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-28A EPA 300.0 Anions by IC By: JTK										
W05403	WC.2005.1429.36	16887-00-6	Chloride	1820	mg / Kg	10	0.5		05-25-05	05-25-05

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis*All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).*

Client: **PHOENIX ENVIRONMENTAL, LLC**
Project: **BOYD / RICE - BDA-27**
Order: **0505431 PHO01** Receipt: **05-19-05**

Sample: **SP-D @ 10'** Collected: **05-18-05 15:30:00** By: **DP**
Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0505431-29A		EPA 300.0 Anions by IC							By: JTK	
W05403	WC.2005.1429.38	16887-00-6	Chloride	29.9	mg / Kg	10	0.5		05-25-05	05-25-05

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or footnotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

Chain of Custody Record

4301 Masthead N.E.
ALBUQUERQUE, NEW MEXICO 87109
(505) 345-8964

3332 WEDGEWOOD
EL PASO, TEXAS 79925
(915) 593-6000

127 EASTGATE DRIVE, 212-C
LOS ALAMOS, NEW MEXICO 87544
(505) 662-2558

Lab Job No.: 07054 Date: 1 of 3

Project Manager / Contact: ALLEN HODGE
Telephone No.: (505) 341-9685
Fax No.: (505) 341-9687
Samplers: (signature) R. Page

State / Zip: Hobbs, NM 88201
Name / Number: Box 1 / RICE-BDA-27

Order / Purchase Order / Quote

Analysis Required		Remarks	
No. of Containers	Analysis Required	Remarks	
CL 211101012	DT 340		
TPH 8015 mg/g	DT 340		

AAU Fraction Number	Field Sample Number / Location	Date	Time	Sample Type	Type / Size of Container	Preservation Temp.	Chemical
21A	SP-13 @ SURFACE	5-18-05	0800	Soil	402	ICE	
22A	SP-13 @ 4'	5-18-05	0810				
23A	SP-14 @ 0-6"		0820				
24A	SP-14 @ 2'		0830				
25A	SP-14 @ 0-6"		0840				
26A	SP-14 @ 2'		0850				
27A	SP-25 @ SURFACE		0900				
28A	SP-25 @ 0-6"		0910				
29A	SP-25 @ 2'		0920				
30A	SP-26 @ SURFACE		0930				
31A	SP-26 @ 1'		0940				
32A	SP-35 @ SURFACE		1010				
33A	SP-35 @ 2'		1020				
34A	SP-35 @ 2'		1030				

Relinquished by: Signature: <u>[Signature]</u> Printed: <u>ALLEN HODGE</u> Company: <u>ASSAIGAI ANALYTICAL</u> Reason: <u>Transfer to Lab</u>	Received by: Signature: <u>[Signature]</u> Printed: <u>ALLEN HODGE</u> Company: <u>ASSAIGAI ANALYTICAL</u> Reason: <u>Transfer to Lab</u>	Date: <u>5-19-05</u> Time: <u>1100</u>
After analysis, samples are to be: <input type="checkbox"/> Disposed of (additional fee) <input type="checkbox"/> Stored (30 days max) <input type="checkbox"/> Stored over 30 days (additional fee) <input type="checkbox"/> Returned to customer		

CARRIER

**ASSAIGAI
ANALYTIC,
LABORATO**

**3332 WEDGEWOOD
EL PASO, TEXAS 79925
(915) 593-6000**

127 EASTGATE DRIVE, 212-C
LOS ALAMOS, NEW MEXICO 87544
(505) 662-2558

Lab job No. : 0091 Date 23
Page 2 of 3

Project Manager / Contact Allen W. Boyd
Telephone No. (505) 391-~~4536~~ 9685
Fax No. (505) 391-9687
Samplers: (signature) Allen W. Boyd

Phoenix Environmental LLC
PO BOX 1856
State / Zip ~~Neb~~ NE 68241
Name / Number Boyd / Rick BD-A-24

Subject / Purchase Order / Quote

AAU Fraction Number	Field Sample Number	Location	Date	Time	Sample Type	Type / Size of Container	Temp.	Preservation Chemical
1A	SP-47@	0-6" SURFACE	5-18-05	1010	Soil	402		IC9
1A	SP-47@	2'	5-18-05	1050				
2A	SP-61@	0-6" SURFACE		1100				
2A	SP-61@	3'		1110				
1A	SP-66@	0-6" SURFACE		1130				
1A	SP-66@	3'		1140				
1A	SP-70@	0-6" SURFACE		1200				
2A	SP-70@	6'		1220				
1A	SP-77@	0-6" SURFACE		1230				
1A	SP-77@	4'		1240				
1A	SP-85@	0-6" SURFACE		1300				
1A	SP-85@	2'		1310				

Relinquished by: Signature <u>[Signature]</u> Printed <u>Stable</u> Company <u>AAE</u> Reason <u>rel to Lb</u>	Received by: Signature <u>[Signature]</u> Printed <u>Stable</u> Company <u>AAE</u> Reason <u>rel to Lb</u>	Date <u>5-14-57</u> Time <u>1100</u>
Relinquished by: Signature <u>[Signature]</u> Printed <u>Stable</u> Company <u>AAE</u> Reason <u>rel to Lb</u>	Received by: Signature <u>[Signature]</u> Printed <u>Stable</u> Company <u>AAE</u> Reason <u>rel to Lb</u>	Date <u>5-14-57</u> Time <u>1100</u>
Relinquished by: Signature <u>[Signature]</u> Printed <u>Stable</u> Company <u>AAE</u> Reason <u>rel to Lb</u>	Received by: Signature <u>[Signature]</u> Printed <u>Stable</u> Company <u>AAE</u> Reason <u>rel to Lb</u>	Date <u>5-14-57</u> Time <u>1100</u>

Comments:

After analysis, samples are to be:

- ☐ Disposed of (additional fee)
- ☐ Stored (30 days max)
- ☐ Stored over 30 days (additional fee)
- ☐ Returned to customer

CARRIER

Chain of Custody Record

4301 Masthead N.E.
ALBUQUERQUE, NEW MEXICO 87109
(505) 345-8964

3332 WEDGEWOOD
EL PASO, TEXAS 79925
(915) 593-6000

127 EASTGATE DRIVE, 212-C
LOS ALAMOS, NEW MEXICO 87544
(505) 662-2558

Lab Job No.: 0705431 Date: 5/19/03
Page 3 of 3

Project Manager / Contact: ALLEN HODGE
Telephone No: (505) 391-9685
Fax No: (505) 391-9687
Samplers: (signature) R. Page

Phoenix Environmental LLC
PO BOX 1856
Noblesville IN 48241
Name / Number: Boyd/Rice BDA-27

1st / Purchase Order / Quote

AAU Fraction Number	Field Sample Number / Location	Date	Time	Sample Type	Type / Size of Container	Preservation		Remarks
						Temp.	Chemical	
SA	SP-1 @ 6'-8"	5-18-03	1330	Sal	402		Ice	
SA	SP-A @ 8'		1400					
SA	SP-B @ 7'		1430					
SA	SP-C @ 12'		1500					
SA	SP-D @ 10'		1530					

Relinquished by: Signature: <u>[Signature]</u> Printed: <u>S. Taylor</u> Company: <u>AAI</u> Reason: <u>trans to Lab</u>	Received by: Signature: <u>[Signature]</u> Printed: <u>S. Taylor</u> Company: <u>AAI</u> Reason: <u>trans to Lab</u>	Date: <u>5/19/03</u> Time: <u>1100</u>
After analysis, samples are to be: <input type="checkbox"/> Disposed of (additional fee) <input type="checkbox"/> Stored (30 days max) <input type="checkbox"/> Stored over 30 days (additional fee) <input type="checkbox"/> Returned to customer		

CARRIER