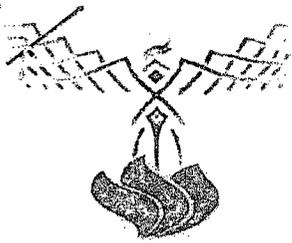


1R - 426-116

**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,

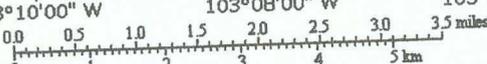
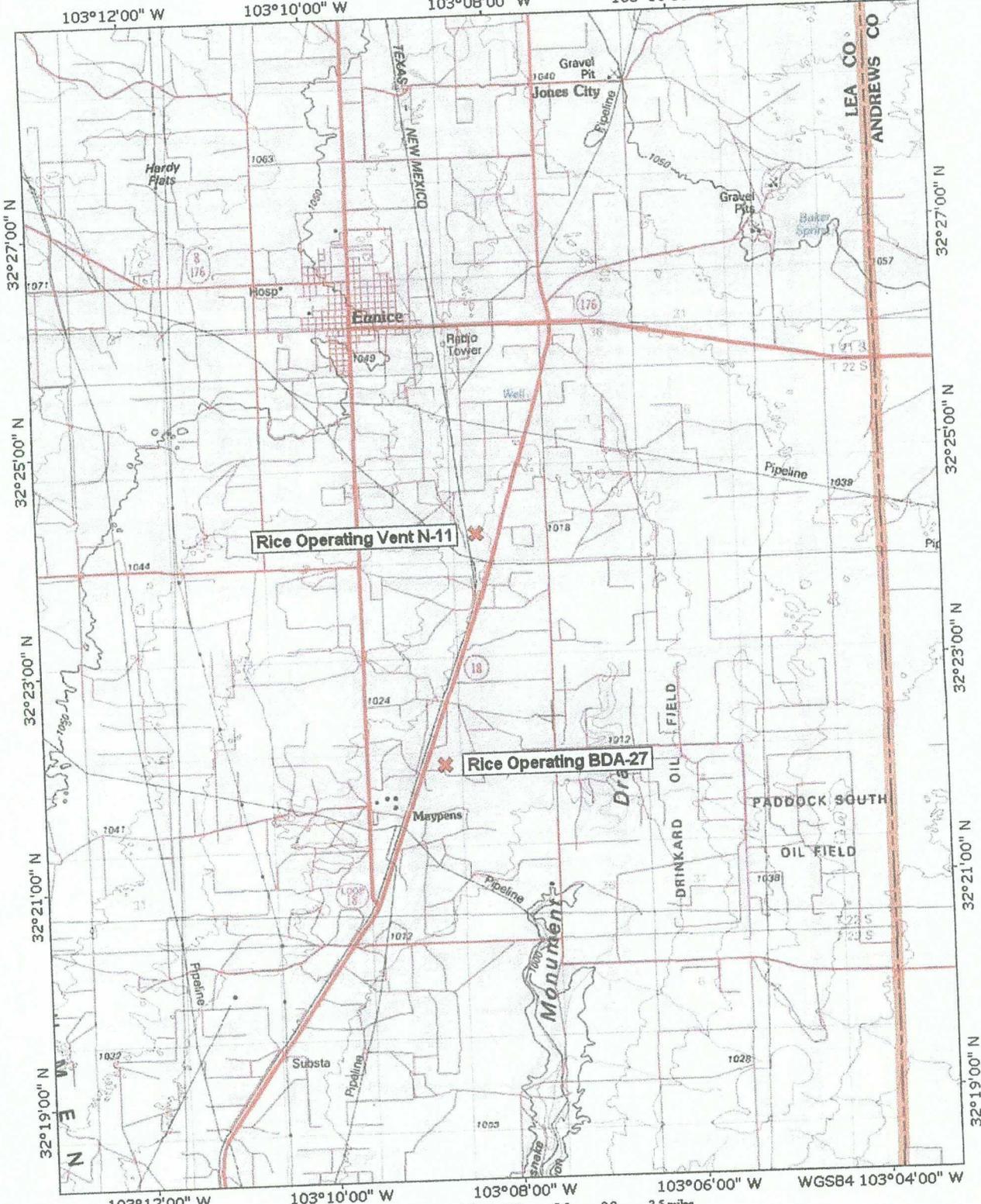
A handwritten signature in black ink, appearing to read 'Allen Hodge', written in a cursive style.

Allen Hodge, REM
Sr. Project Manager
Phoenix Environmental LLC



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

WGS84 103°04'00" W



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

TN MN
8 1/2°



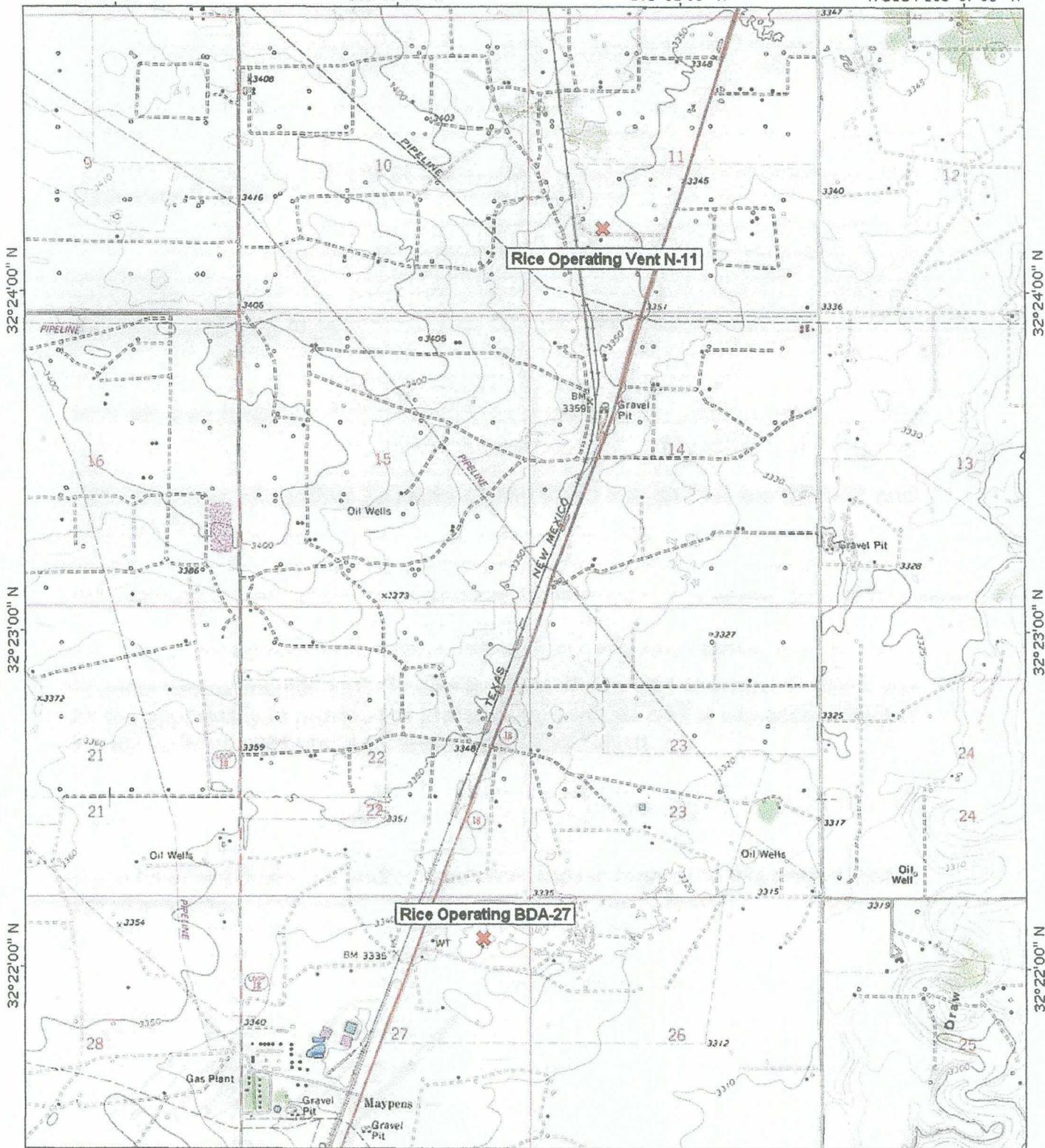
TOPO! map printed on 09/13/05 from "Untitled.tpo"

103°10'00" W

103°09'00" W

103°08'00" W

WGS84 103°07'00" W



32°24'00" N

32°24'00" N

32°23'00" N

32°23'00" N

32°22'00" N

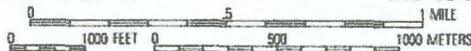
32°22'00" N

103°10'00" W

103°09'00" W

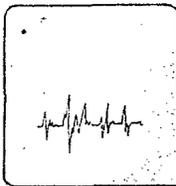
103°08'00" W

WGS84 103°07'00" W



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





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
EPA 300.0 Anions by IC By: JTK										
0505431-01A	WC.2005.1422.9	16887-00-6	Chloride	5.05	mg / Kg	10	0.5		05-24-05	05-23-05
SW846 5035B/8015B GRO by GC/FID By: TRS										
0505431-01A	XG.2005.879.16		Gasoline Range Organics	ND	mg / Kg	1	0.55		05-25-05	05-25-05
SW846 5035B/8021B Purgeable VOCs by GC/PID By: TRS										
0505431-01A	XG.2005.863.5	71-43-2	Benzene	ND	mg / Kg	1	0.005		05-23-05	05-23-05
0505431-01A	XG.2005.863.5	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		05-23-05	05-23-05
0505431-01A	XG.2005.863.5	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		05-23-05	05-23-05
0505431-01A	XG.2005.863.5	108-38-3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		05-23-05	05-23-05
0505431-01A	XG.2005.863.5	108-88-3	Toluene	ND	mg / Kg	1	0.005		05-23-05	05-23-05
SW846 8015B Diesel Range Organics by GC/FID By: JWB										
0505431-01A	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
EPA 300.0 Anions by IC By: JTK										
0505431-02A	WC.2005.1422.11	16887-00-6	Chloride	6.45	mg / Kg	10	0.5		05-24-05	05-23-05

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-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
EPA 300.0 Anions by IC By: JTK										
0505431-03A	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
EPA 300.0 Anions by IC By: JTK										
0505431-04A	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
EPA 300.0 Anions by IC By: JTK										
0505431-05A	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
EPA 300.0 Anions by IC By: JTK										
0505431-06A	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
EPA 300.0 Anions by IC By: JTK										
0505431-07A	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
EPA 300.0 Anions by IC By: JTK										
0505431-08A	WC.2005.1422.24	16887-00-6	Chloride	2100	mg / Kg	100	0.5		05-24-05	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-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"** Collected: 05-18-05 9:50:00 By: DP
 Matrix: **SOIL**

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

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-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
EPA 300.0 Anions by IC By: JTK										
0505431-20A	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
EPA 300.0 Anions by IC By: JTK										
0505431-21A	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
EPA 300.0 Anions by IC By: JTK										
0505431-22A	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
EPA 300.0 Anions by IC By: JTK										
0505431-23A	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
EPA 300.0 Anions by IC By: JTK										
0505431-24A	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
EPA 300.0 Anions by IC By: JTK										
0505431-25A	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
SW846 5035B/8015B GRO by GC/FID By: TRS										
0505431-25A										
V05036	XG.2005.885.8		Gasoline Range Organics	ND	mg / Kg	1	0.55		05-26-05	05-26-05
SW846 5035B/8021B Purgeable VOCs by GC/PID By: TRS										
0505431-25A										
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
SW846 8015B Diesel Range Organics by GC/FID By: JWB										
0505431-25A										
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
EPA 300.0 Anions by IC By: JTK										
0505431-26A										
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
EPA 300.0 Anions by IC By: JTK										
0505431-27A										
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
EPA 300.0 Anions by IC By: JTK										
0505431-28A										
W05403	WC.2005.1429.36	16887-00-6	Chloride	1820	mg / Kg	10	0.5		05-25-05	05-25-05

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-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.

