



CHI SUNRISE 25 #2

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

30-025-39007

October 21, 2010

Mike Felkins

Roadrunner Environmental Inc.

PO Box 1238

Carlsbad, NM 88220

RE: SUNRISE 25 #2

Enclosed are the results of analyses for samples received by the laboratory on 10/20/10 9:35.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

 Roadrunner Environmental Inc.  
 Mike Felkins  
 PO Box 1238  
 Carlsbad NM, 88220  
 Fax To: (505) 887-2057

 Received: 10/20/2010  
 Reported: 10/21/2010  
 Project Name: SUNRISE 25 #2  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 10/20/2010  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Jodi Henson

**Sample ID: #1 (H021105-01)**

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	10/21/2010	ND	416	104	400	0.00	
TPH 8015M			mg/kg		Analyzed By: AB				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/21/2010	ND	168	84.1	200	6.29	
DRO >C10-C28	777	10.0	10/21/2010	ND	191	95.7	200	11.4	
Surrogate: 1-Chlorooctane	98.3 %	70-130							
Surrogate: 1-Chlorooctadecane	99.6 %	70-130							

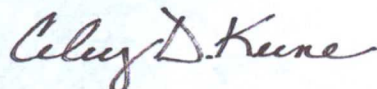
**Sample ID: #2 (H021105-02)**

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2010	ND	416	104	400	0.00	
TPH 8015M			mg/kg		Analyzed By: AB				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/21/2010	ND	168	84.1	200	6.29	
DRO >C10-C28	<10.0	10.0	10/21/2010	ND	191	95.7	200	11.4	
Surrogate: 1-Chlorooctane	92.2 %	70-130							
Surrogate: 1-Chlorooctadecane	88.6 %	70-130							

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 Roadrunner Environmental Inc.  
 Mike Felkins  
 PO Box 1238  
 Carlsbad NM, 88220  
 Fax To: (505) 887-2057

 Received: 10/20/2010  
 Reported: 10/21/2010  
 Project Name: SUNRISE 25 #2  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 10/20/2010  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Jodi Henson

**Sample ID: #3 (H021105-03)**

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2010	ND	416	104	400	0.00	
TPH 8015M			mg/kg		Analyzed By: AB				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/21/2010	ND	168	84.1	200	6.29	
DRO >C10-C28	<10.0	10.0	10/21/2010	ND	191	95.7	200	11.4	
Surrogate: 1-Chlorooctane	99.6 %	70-130							
Surrogate: 1-Chlorooctadecane	96.3 %	70-130							

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Celey D. Keene, Lab Director/Quality Manager



**Notes and Definitions**

- S-06      The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- ND      Analyte NOT DETECTED at or above the reporting limit
- RPD      Relative Percent Difference
- \*\*      Samples not received at proper temperature of 6°C or below.
- \*\*\*      Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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Caley D. Keene, Lab Director/Quality Manager





(575) 393-2326 FAX (575) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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FORM-006  
Revision 1.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476























T 10/19/10 CHI SUNRISE STATE 25

002 FLOWLINE LEAK

- SOIL & VEGETATION
- THEN TAKE MORE SAMPLES
- START TOMORROW MORNING 830 OR 900 (BACKHOE AVAILABLE TOMORROW)
- FLOWLINE IS FROM 002 TO ~~SOUTH~~ <sup>WEST</sup> RUNNING UP HERE TO TURN ~~EAST~~ <sup>SOUTH</sup> CONNECT W/ TANK BAT
- WILL ALSO PICK UP PARAFFIN @ 002
- WILL ALSO TAKE BG SAMPLES TO ~~SOUTH~~ WEST
- GOES TO ABOUT FENCELINE TO ~~WEST~~ NORTH
- JOE EVQUA DEPARTS

1042 - TAKING DOCUMENTATION PHOTOS OF 002, OXY INT 25-741, POLYLINE & 001 & TB

1115 - HQ - MILEAGE 22.630

Staff taking  
10/19/10

