



**ANNUAL REPORT OF PRESSURE MONITORING,
 FLUID INJECTION AND ENHANCED RECOVERY**

Complete all blanks - add pages if needed. Copy to be retained for five (5) years after filing date.

OPERATOR: License # _____ Name: _____ Address 1: _____ Address 2: _____ City: _____ State: _____ Zip: _____ + _____ Contact Person: _____ Phone: (_____) _____ Lease Name: _____ Well Number: _____	API No.: _____ Permit No.: _____ Reporting Year: _____ <p style="text-align: center;"><i>(January 1 to December 31)</i></p> _____ - _____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ <input type="checkbox"/> E <input type="checkbox"/> W <i>(a/a/a/a)</i> _____ feet from <input type="checkbox"/> N / <input type="checkbox"/> S Line of Section _____ feet from <input type="checkbox"/> E / <input type="checkbox"/> W Line of Section County: _____
---	---

I. Injection Fluid:

Type (Pick one): Fresh Water Treated Brine Untreated Brine Water/Brine

Source: Produced Water Other (Attach list)

Quality: Total Dissolved Solids: _____ mg/l Specific Gravity: _____ Additives: _____

(Attach water analysis, if available)

II. Well Data:

Maximum Authorized Injection Pressure: _____ psi Injection Zone: _____

Maximum Authorized Injection Rate: _____ barrels per day

Total Number of Enhanced Recovery Injection Wells Covered by this Permit: _____ *(Include TA's)*

III.	Month:	Total Fluid Injected BBL	Maximum Fluid Pressure	Total Gas Injected MCF	Maximum Gas Pressure	# Days of Injection
	January	_____	_____	_____	_____	_____
	February	_____	_____	_____	_____	_____
	March	_____	_____	_____	_____	_____
	April	_____	_____	_____	_____	_____
	May	_____	_____	_____	_____	_____
	June	_____	_____	_____	_____	_____
	July	_____	_____	_____	_____	_____
	August	_____	_____	_____	_____	_____
	September	_____	_____	_____	_____	_____
	October	_____	_____	_____	_____	_____
	November	_____	_____	_____	_____	_____
	December	_____	_____	_____	_____	_____
	TOTAL	_____	_____	_____	_____	_____

Technical Report for

Rosewood Resources, Inc.

Rosewood

Accutest Job Number: D50964

Sampling Date: 09/25/13

Report to:

Rosewood Resources, Inc.
1498 US Highway 36
Saint Francis, KS 67756
wmahon@rosewd.com

ATTN: Wayne Mahon

Total number of pages in report: 20



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.



Scott Heideman
Laboratory Director

Client Service contact: Renea Jackson 303-425-6021

Certifications: CO (CO00049), ID, NE (CO00049), ND (R-027), NJ (CO 0007), OK (D9942), UT (NELAP CO00049), TX (T104704511)

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories. Test results relate only to samples analyzed.

Table of Contents

-1-

Section 1: Sample Summary	3
Section 2: Summary of Hits	4
Section 3: Sample Results	5
3.1: D50964-1: ISERNHAGEN 3-23 SWD	6
3.2: D50964-2: RRI SWD 21-11	8
Section 4: Misc. Forms	10
4.1: Chain of Custody	11
Section 5: GC Volatiles - QC Data Summaries	13
5.1: Method Blank Summary	14
5.2: Blank Spike Summary	15
5.3: Matrix Spike/Matrix Spike Duplicate Summary	16
Section 6: GC Semi-volatiles - QC Data Summaries	17
6.1: Method Blank Summary	18
6.2: Blank Spike Summary	19
6.3: Matrix Spike/Matrix Spike Duplicate Summary	20

1

2

3

4

5

6



Sample Summary

Rosewood Resources, Inc.

Job No: D50964

Rosewood

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
D50964-1	09/25/13	10:00 WM	09/26/13	AQ	Surface Water	ISERNHAGEN 3-23 SWD
D50964-2	09/25/13	10:45 WM	09/26/13	AQ	Surface Water	RRI SWD 21-11



Summary of Hits

Job Number: D50964
Account: Rosewood Resources, Inc.
Project: Rosewood
Collected: 09/25/13

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
---------------	------------------	-----------------	----	-----	-------	--------

D50964-1 ISERNHAGEN 3-23 SWD

TPH-GRO (C6-C10)	1.91	0.20	0.10	mg/l	SW846 8015B
TPH-DRO (C10-C28)	23.4	1.9	1.7	mg/l	SW846-8015B

D50964-2 RRI SWD 21-11

TPH-GRO (C6-C10) ^a	0.932	0.20	0.10	mg/l	SW846 8015B
TPH-DRO (C10-C28)	3.30	0.19	0.17	mg/l	SW846-8015B

(a) The pH of the sample was > 2 at time of analysis.

Sample Results

Report of Analysis

Report of Analysis

3.1
3

Client Sample ID: ISERNHAGEN 3-23 SWD Lab Sample ID: D50964-1 Matrix: AQ - Surface Water Method: SW846 8015B Project: Rosewood	Date Sampled: 09/25/13 Date Received: 09/26/13 Percent Solids: n/a
---	---

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GA19710.D	1	09/27/13	EV	n/a	n/a	GGA1105
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	1.91	0.20	0.10	mg/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
120-82-1	1,2,4-Trichlorobenzene	119%		60-140%		

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

3.1
3

Client Sample ID: ISERNHAGEN 3-23 SWD Lab Sample ID: D50964-1 Matrix: AQ - Surface Water Method: SW846-8015B SW846 3510C Project: Rosewood	Date Sampled: 09/25/13 Date Received: 09/26/13 Percent Solids: n/a
---	---

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FH013614.D	10	10/02/13	TU	10/01/13	OP8663	GFH720
Run #2							

Run #	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	23.4	1.9	1.7	mg/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
84-15-1	o-Terphenyl	62%		20-140%		

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

32
3

Client Sample ID: RRI SWD 21-11 Lab Sample ID: D50964-2 Matrix: AQ - Surface Water Method: SW846 8015B Project: Rosewood	Date Sampled: 09/25/13 Date Received: 09/26/13 Percent Solids: n/a
---	---

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	GA19711.D	1	09/27/13	EV	n/a	n/a	GGA1105
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.932	0.20	0.10	mg/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
120-82-1	1,2,4-Trichlorobenzene	103%		60-140%		

(a) The pH of the sample was > 2 at time of analysis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

32
3

Client Sample ID: RRI SWD 21-11 Lab Sample ID: D50964-2 Matrix: AQ - Surface Water Method: SW846-8015B SW846 3510C Project: Rosewood	Date Sampled: 09/25/13 Date Received: 09/26/13 Percent Solids: n/a
---	---

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FH013616.D	1	10/02/13	TU	10/01/13	OP8663	GFH720
Run #2							

Run #	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	3.30	0.19	0.17	mg/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
84-15-1	o-Terphenyl	81%		20-140%		

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

Accutest Job Number: D50964

Client: ROSEWOOD

Immediate Client Services Action Required: No

Date / Time Received: 9/26/2013 10:00:00 AM

No. Coolers: 1

Client Service Action Required at Login: No

Project:

Airbill #'s: UPS

<u>Cooler Security</u>	<u>Y or N</u>		<u>Y or N</u>	
1. Custody Seals Present:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. COC Present:	<input checked="" type="checkbox"/> <input type="checkbox"/>
2. Custody Seals Intact:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. Smp'l Dates/Time OK	<input checked="" type="checkbox"/> <input type="checkbox"/>

<u>Cooler Temperature</u>	<u>Y or N</u>	
1. Temp criteria achieved:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Cooler temp verification:	Infrared gun	
3. Cooler media:	Ice (bag)	

<u>Quality Control Preservation</u>	<u>Y or N</u>		<u>N/A</u>
1. Trip Blank present / cooler:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. Trip Blank listed on COC:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. Samples preserved properly:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4. VOCs headspace free:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<u>Sample Integrity - Documentation</u>	<u>Y or N</u>	
1. Sample labels present on bottles:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Container labeling complete:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Sample container label / COC agree:	<input checked="" type="checkbox"/>	<input type="checkbox"/>

<u>Sample Integrity - Condition</u>	<u>Y or N</u>	
1. Sample recvd within HT:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. All containers accounted for:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Condition of sample:	Intact	

<u>Sample Integrity - Instructions</u>	<u>Y or N</u>		<u>N/A</u>
1. Analysis requested is clear:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. Bottles received for unspecified tests	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. Sufficient volume rec'd for analysis:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4. Compositing instructions clear:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Filtering instructions clear:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Comments

4.1
4

GC Volatiles

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: D50964
Account: ROSRKSS Rosewood Resources, Inc.
Project: Rosewood

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GGA1105-MB	GA19705.D	1	09/27/13	EV	n/a	n/a	GGA1105

The QC reported here applies to the following samples:

Method: SW846 8015B

D50964-1, D50964-2

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.10	mg/l	

CAS No.	Surrogate Recoveries	Limits
120-82-1	1,2,4-Trichlorobenzene	87% 60-140%

Blank Spike Summary

Job Number: D50964
Account: ROSRKSS Rosewood Resources, Inc.
Project: Rosewood

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GGA1105-BS	GA19706.D	1	09/27/13	EV	n/a	n/a	GGA1105

The QC reported here applies to the following samples:

Method: SW846 8015B

D50964-1, D50964-2

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	2.2	2.14	97	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
120-82-1	1,2,4-Trichlorobenzene	102%	60-140%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: D50964
 Account: ROSRKSS Rosewood Resources, Inc.
 Project: Rosewood

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D50948-1MS	GA19708.D	1	09/27/13	EV	n/a	n/a	GGA1105
D50948-1MSD	GA19709.D	1	09/27/13	EV	n/a	n/a	GGA1105
D50948-1	GA19707.D	1	09/27/13	EV	n/a	n/a	GGA1105

The QC reported here applies to the following samples:

Method: SW846 8015B

D50964-1, D50964-2

CAS No.	Compound	D50948-1 mg/l	Spike Q mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND	2.2	2.00	91	1.96	89	2	70-130/30

CAS No.	Surrogate Recoveries	MS	MSD	D50948-1	Limits
120-82-1	1,2,4-Trichlorobenzene	93%	99%	89%	60-140%

* = Outside of Control Limits.

5.3.1
 5

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: D50964
Account: ROSRKSS Rosewood Resources, Inc.
Project: Rosewood

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP8663-MB	FH013600.D	1	10/02/13	TU	10/01/13	OP8663	GFH720

The QC reported here applies to the following samples:

Method: SW846-8015B

D50964-1, D50964-2

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.20	0.18	mg/l	

CAS No.	Surrogate Recoveries	Limits
84-15-1	o-Terphenyl	45% 20-140%

6.1.1
6

Blank Spike Summary

Job Number: D50964
Account: ROSRKSS Rosewood Resources, Inc.
Project: Rosewood

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP8663-BS	FH013602.D	1	10/02/13	TU	10/01/13	OP8663	GFH720

The QC reported here applies to the following samples:

Method: SW846-8015B

D50964-1, D50964-2

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-DRO (C10-C28)	20	11.2	56	36-140

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	70%	20-140%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: D50964
 Account: ROSRKSS Rosewood Resources, Inc.
 Project: Rosewood

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP8663-MS	FH013604.D	1	10/02/13	TU	10/01/13	OP8663	GFH720
OP8663-MSD	FH013606.D	1	10/02/13	TU	10/01/13	OP8663	GFH720
D48570-28	FH013608.D	1	10/02/13	TU	10/01/13	OP8663	GFH720

The QC reported here applies to the following samples:

Method: SW846-8015B

D50964-1, D50964-2

CAS No.	Compound	D48570-28 mg/l	Spike Q mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	ND	20	11.0	55	13.6	68	21	28-140/30

CAS No.	Surrogate Recoveries	MS	MSD	D48570-28	Limits
84-15-1	o-Terphenyl	64%	78%	74%	20-140%

* = Outside of Control Limits.