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**EME
REPORTS**

DATE:

4-1-08

RICE Operating Company

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April 1, 2008

Mr. Wayne Price
New Mexico Energy, Minerals, & Natural Resources
Oil Conservation Division, Environmental Bureau
1220 S. St. Francis Drive
Santa Fe, New Mexico 87504

RE: JUNCTION BOX UPGRADE REPORT for 2007
EME SWD SYSTEM
Lea County, New Mexico

Mr. Price:

Rice Operating Company (ROC) takes this opportunity to submit the Junction Box Upgrade results for the year 2007. Enclosed is a list of the completed junction boxes and their respective closure/disclosure dates. These boxes are located in the Eunice-Monument-Eumont (EME) Salt Water Disposal (SWD) System located in the vicinity of Monument, New Mexico.

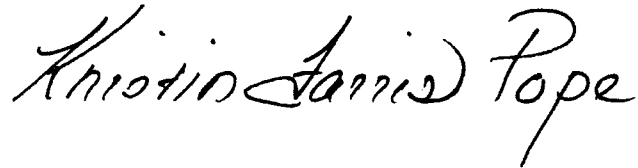
ROC completed 20 junction box sites in 2007. Junction box upgrades in 2008 will be conducted in conjunction with scheduled pipeline replacements.

Enclosed are the 2007 results (6 sites evaluated) from the PID/BTEX study described in the NMOCD-approved Revised Junction Box Upgrade Work Plan (July 16, 2003). This comparison study is ongoing and data will continue to be collected in 2008. From the data collected thus far, no definitive conclusions can be drawn from the composite methods analyzed.

ROC is the service provider (agent) for the EME SWD System and has no ownership of any portion of the pipeline, well, or facility. The System is owned by a consortium of oil producers, System Partners, who provide all operating capital on a percentage ownership/usage basis. Replacement/closure projects of this magnitude require System Partner AFE approval and work begins as funds are received.

Thank you for your consideration of this Junction Box Upgrade Report for 2007.

RICE OPERATING COMPANY

A handwritten signature in black ink that reads "Kristin Farris Pope". The signature is written in a cursive, flowing style.

Kristin Farris Pope
Project Scientist

enclosures as stated

cc: SC, MB, file, Mr. Chris Williams
 NMOCD, District I Office
 1625 N. French Drive
 Hobbs, NM 88240

2007 BTEX Study

Revised Junction Box Upgrade Plan (2003)

System: BD
Site: jct. G-3-1

Date: 6/7/2007
Sampler: Noel Carmona

Laboratory: Cardinal
Laboratories

Location	Component	PID reading (ppm)	FIELD COMPOSITE (mg/kg)			
			Benzene	Toluene	Ethyl Benzene	Total Xylenes
bottom composite at 16 ft BGS	1	150	<0.005	0.005	0.023	0.204
	2	212				
	3	484				
	4	200				
	5	183				
			LAB COMPOSITE (mg/kg)			
			<0.005	<0.005	<0.005	0.016

Field PID tests <100 ppm are considered final for BTEX. If PID is >100 ppm, the components of the BTEX composite sample will be collected individually and will be composited under laboratory conditions to prevent excessive volatilization. A 15-box, 30-sample study will be made to compare field-compositing with lab-compositing BTEX samples. Composite components are collected in a skewed 'W' pattern.

Revised Junction Box Upgrade Work Plan (July 16, 2003)

2007 BTEX Study

Revised Junction Box Upgrade Plan (2003)

System: Vacuum
Site: F-33 boot

Date: 10/2/2007
Sampler: Roy Rascon

Laboratory: Cardinal
Laboratories

Location	Component	PID reading (ppm)	FIELD COMPOSITE (mg/kg)			
			Benzene	Toluene	Ethyl Benzene	Total Xylenes
bottom composite at 12 ft BGS	5 sample points	355	0.012	0.103	0.096	0.527

excavation dimeisions
30 x 30 x 12 ft

LAB COMPOSITE (mg/kg)			
0.025	0.189	0.076	0.589

FIELD COMPOSITE (mg/kg)						
4-wall composite	20 sample points	235	<0.025	0.128	0.624	1.85

LAB COMPOSITE (mg/kg)			
<0.025	0.075	0.922	2.83

Field PID tests <100 ppm are considered final for BTEX. If PID is >100 ppm, the components of the BTEX composite sample will be collected individually and will be composited under laboratory conditions to prevent excessive volatilization. A 15-box, 30-sample study will be made to compare field-compositing with lab-compositing BTEX samples. Composite components are collected in a skewed 'W' pattern.

Revised Junction Box Upgrade Work Plan (July 16, 2003)

2007 BTEX Study

Revised Junction Box Upgrade Plan (2003)

System: BD Date: 10/11/2007 Laboratory: Cardinal
 Site: N-32 vent Sampler: L. Bruce Baker Laboratories

Location	Component	PID reading (ppm)	FIELD COMPOSITE (mg/kg)			
			Benzene	Toluene	Ethyl Benzene	Total Xylenes
4-WALL COMPOSITE from 30 x 30 x 12 ft	NORTH wall	106	<0.001	<0.001	0.011	0.010
	SOUTH wall					
	EAST wall					
	WEST wall					
			LAB COMPOSITE (mg/kg)			
			<0.001	<0.001	<0.001	<0.003

Field PID tests <100 ppm are considered final for BTEX. If PID is >100 ppm, the components of the BTEX composite sample will be collected individually and will be composited under laboratory conditions to prevent excessive volatilization. A 15-box, 30-sample study will be made to compare field-compositing with lab-compositing BTEX samples. Composite components are collected in a skewed 'W' pattern.
 Revised Junction Box Upgrade Work Plan (July 16, 2003)

2007 BTEX Study

Revised Junction Box Upgrade Plan (2003)

System: Vacuum
Site: C-33 boot

Date: 9/13/2007
Sampler: Roy Rascon

Laboratory: Cardinal
Laboratories

Location	Component	PID reading (ppm)	FIELD COMPOSITE (mg/kg)			
			Benzene	Toluene	Ethyl Benzene	Total Xylenes
bottom composite at 12 ft BGS	5 sample points	353	0.007	0.022	0.040	0.337
<i>excavation dimensions</i> <i>30 x 30 x 12 ft</i>			LAB COMPOSITE (mg/kg)			
			0.005	0.017	0.043	0.280

Field PID tests <100 ppm are considered final for BTEX. If PID is >100 ppm, the components of the BTEX composite sample will be collected individually and will be composited under laboratory conditions to prevent excessive volatilization. A 15-box, 30-sample study will be made to compare field-compositing with lab-compositing BTEX samples. Composite components are collected in a skewed 'W' pattern.

Revised Junction Box Upgrade Work Plan (July 16, 2003)

2007 BTEX Study

Revised Junction Box Upgrade Plan (2003)

System: BD
Site: F-23 vent (2 boxes)

Date: 2/8/2007
Sampler: Noel Carmona

Laboratory: Cardinal
Laboratories

Location	Component	PID reading (ppm)	FIELD COMPOSITE (mg/kg)			
			Benzene	Toluene	Ethyl Benzene	Total Xylenes
bottom composite at 12 ft BGS	5 sample points	122	<0.005	<0.005	0.024	0.036
			LAB COMPOSITE (mg/kg)			
			<0.005	0.027	0.326	0.546

excavation dimensions
25 x 25 x 12 ft

Field PID tests <100 ppm are considered final for BTEX. If PID is >100 ppm, the components of the BTEX composite sample will be collected individually and will be composited under laboratory conditions to prevent excessive volatilization. A 15-box, 30-sample study will be made to compare field-compositing with lab-compositing BTEX samples. Composite components are collected in a skewed 'W' pattern.

Revised Junction Box Upgrade Work Plan (July 16, 2003)

2007 BTEX Study

Revised Junction Box Upgrade Plan (2003)

System: EME
Site: jct. B-7

Date: 9/12/2007
Sampler: L. Bruce Baker

Laboratory: Cardinal
Laboratories

Location	Component	PID reading (ppm)	FIELD COMPOSITE (mg/kg)			
			Benzene	Toluene	Ethyl Benzene	Total Xylenes
bottom composite at 12 ft BGS	5 sample points	1444	<0.002	<0.002	<0.002	<0.006
			LAB COMPOSITE (mg/kg)			
			<0.002	<0.002	<0.002	0.017

*excavation dimensions
30 x 30 x 12 ft*

Field PID tests <100 ppm are considered final for BTEX. If PID is >100 ppm, the components of the BTEX composite sample will be collected individually and will be composited under laboratory conditions to prevent excessive volatilization. A 15-box, 30-sample study will be made to compare field-compositing with lab-compositing BTEX samples. Composite components are collected in a skewed 'W' pattern.

Revised Junction Box Upgrade Work Plan (July 16, 2003)

EME → 1R427

RICE Operating Company EME SWD System Junction Box Upgrade Project 2007 Completed Boxes								
		Legal Description						
	Jct Box Name	Unit	Sec	T	R	Completion Date	OCD Assessment Score	Report Status
1	Jct A-4	A	4	20S	37E	1/22/2007	20	Closure
2	Jct E-5 (Marathon Barber)	E	5	20S	37E	1/16/2007	20	Closure
3	Jct P-27-1	P	27	19S	36E	4/17/2007	40	Closure
4	Jct K-31 Vent	K	31	20S	37E	7/13/2007	0	Closure
5	Jct G-20	G	20	20S	37E	9/16/2004	20	Closure
6	Jct D-18	D	18	19S	37E	8/29/2007	10	Closure
7	Jct J-33	J	33	19S	37E	8/24/2007	20	Closure
8	Jct P-8	P	8	20S	37E	1/23/2007	20	Closure
9	Jct S-3	S	3	21S	37E	8/31/2007	0	Closure
10	Conoco 'C-20' EOL Boot	K	20	21S	36E	10/29/2007	0	Closure
11	Jct A-34-1	A	34	19S	36E	4/18/2007	30	Closure
12	Laughlin 'A' EOL	O	5	20S	37E	5/4/2006	20	Closure
13	Jct G-3	G	3	20S	36E	8/30/1970	10	Closure
14	Jct O-17-2 aka Skelly 'F' EOL	O	17	20S	37E	12/27/2007	20	Closure
15	Jct B-7 (2 Boxes)	B	7	19S	37E	9/18/2007	20	Closure
16	P-8-3 Boot	P	8	20S	37E	12/28/2007	20	Disclosure
17	G-4 Boot	G	4	21S	36E	1/17/2007	0	Closure
18	Cooper 'E' EOL	A	4	20S	37E	2/2/2007	20	Closure
19	G-36 Vent	G	36	20S	36E	7/13/2007	0	Closure
20	J-31 Vent	J	31	20S	37E	7/11/2007	0	Closure

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