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Responsible Care®
Good Chemistry at Work

September 2, 2013

Commissioner James H. Welsh
P.O. Box 94275
Baton Rouge, LA 70804

RE: In response to State of Louisiana Department of Natural Resources Office of Conservation's Second Amendment to Declaration of Emergency and Directive

Commissioner Welsh,

In response to the Second Amendment and Declaration of Emergency and Directive order issued by the Louisiana Department of Natural Resources (LDNR), Office of Conservation on September 25, 2012, Texas Brine Company, LLC (TPC) understands the seven items listed in the document.

In the above mentioned, TBC was specifically directed and ordered to perform certain tasks outlined in the above mentioned document. Below are the required responses, as directed.

1. TBC's counsel provided LDNR legal counsel with a response to Directives 1-3 on September 28, 2012.
2. TBC understands Directive 4, which is to provide all daily logs and field notes from all contractors conducting investigation into subsidence and natural gas bubbling. The Daily Action Summary and results for current information can be found in the Attachment section of this report.
3. TBC understands Directive 5, which directs TBC to immediately allow for split or share any sample taken on site related to Well 3A (Serial Number 974265), the cavern, other wells facilities or other site locations. The Daily Action Summary of today's collection can be found in Attachment section of this report.
4. TBC understands Directive 6, which directs TBC to immediately report the results (final and preliminary) of any tests, logs samples or data collection performed on Well 3A, the cavern, other wells, facilities or site locations that indicate a change in any previously known conditions related to the investigation of the subsidence or natural gas bubbling

events, and continue to report any such results. The Daily Action Summary and the Results related to this Directive can be found in Attachment section of this report.

5. TBC understands the Directive 7, which states that TBC will provide a daily summary of all tests, or logs performed or samples taken from Well 3A and the cavern as well as any results of those tests or logs, including preliminary as of September 25, 2012 and going forward. The Daily Summary and Results related to this Directive can be found in Attachment section of this report.

Please note that the drilling rig used for the Observation Well 3A has been removed and the site is being rigged down and returned to pre-drilling condition. As such, daily drilling reports for this well have ceased. Plans are being made for longer term potential gas venting/flaring requirements and possible hydrocarbon material recover from Well 3A.

In addition, previous daily summary reports issued to LDNR have included significant duplicate information as there is a fair amount of overlap in the information requested in each of the Directives included in the September 25, 2012 order. All requested information associated with the Directives issued in the September 25, 2012 order are included in the Attachment section of this report.

TBC believes that the submittal of this report satisfies the requirements of the Declaration of Emergency and Directive issued on September 25, 2012. As directed this report is submitted by email to conservationorder@la.gov, ref. "Emergency Declaration-Texas Brine Company LLC-9/25/2012.

Bruce E. Martin

Vice President, Operations

Texas Brine Company, LLC

Summary Table for Daily Events

TBC Oxy Grand Bayou Data Management-Environmental									
Contractor	Responsibilities	Collected By		Date Collected		Delivered to Lab	Results from Lab	Laboratory	Method	Date to Agencies
Sage	Stationary Air Monitoring	Bijeet Mukherjee - 08:05 - 09:00, Darlene McManus (Code Red) - 07:00 - 17:00; Steven Shaughnessy - 08:05 - 08:50, Darlene McManus (Code Red) - 07:00 - 11:00; Steven Shaughnessy - 08:00 - 08:45, Darlene McManus (Code Red) - 07:00 - 11:00; Steven Shaughnessy - 08:00 - 09:00, Britt Barnett (Code Red) - 07:00 - 12:00		8/30 - 9/2/2013		NA	NA	NA	AreaRAE Monitors	8/31 - 9/3/2013
	Residential Air Monitoring	Sage has been requested to suspend bimonthly residential air monitoring. Therefore, Sage will discontinue these activities.		NA		NA	NA	NA	NA	NA
	Gas Seep Sampling	No work performed		8/30 - 9/2/2013		NA	NA	NA	NA	NA
	Well Gas Sampling	No work performed		8/30 - 9/2/2013		NA	NA	NA	NA	NA
	Under Slab Gas Sampling	No work performed		8/30 - 9/2/2013		NA	NA	NA	NA	NA
	Indoor Air Monitoring	No work performed		8/30 - 9/2/2013		NA	NA	NA	NA	NA
Respec	Inclinometers/Tilt Meters/Transducers	8/30 - 9/1/2013	site 88 to 99, Installed water level monitoring sites 5 & 6, Ran power and brought on-line site 88/99.	N. Marnach	NA	NA	NA	NA	NA	NA
	InSAR Reflector Installations	8/30 - 9/1/2013	No work Conducted	NA	NA	NA	NA	NA	NA	NA
	Subsidence Survey-Fenstermaker	8/30 - 9/1/2013	No work Conducted	NA	NA	NA	NA	NA	NA	NA
	Shallow Geophone Installation	8/30 - 9/1/2013	No work Conducted	NA	NA	NA	NA	NA	NA	NA
	Deep Geophone Installation	8/30 - 9/1/2013	No work Conducted	NA	NA	NA	NA	NA	NA	NA
	Amendment #3, Directive #2	8/30 - 9/1/2013	No work Conducted	NA	NA	NA	NA	NA	NA	NA
	Expansion of geoprobe gas sampling locations	8/30 - 9/1/2013	No work Conducted	NA	NA	NA	NA	NA	NA	NA
	DPVE Pilot Test	8/30 - 9/1/2013	Continue operation of DPVE-26.	P.Smith, N. Marnach	NA	NA	NA	NA	NA	NA
	MIHPT	8/30 - 9/1/2013	MiHPT 38.	P.Smith	NA	NA	NA	NA	NA	NA
Miller	Weekly Stability Survey	No Work Performed		8/30 - 9/2/2013		NA	NA	NA	NA	NA
	Misc. Survey Work	Matt Fore		August 30, 2013		NA	NA	NA	NA	NA
	Sinkhole Hydro/Perimeter Survey	No Work Performed		8/30 - 9/2/2013		NA	NA	NA	NA	NA
Pisani	Surface Water	NA		8/30 - 9/2/2013		NA	NA	NA	NA	NA
	Industrial Well Water	NA		8/30 - 9/2/2013		NA	NA	NA	NA	NA
	MRAA Well Water	NA		8/30 - 9/2/2013		NA	NA	NA	NA	NA
	GP/ORW Well	NA		8/30 - 9/2/2013		NA	NA	NA	NA	NA
	Sinkhole Profile	NA		8/30 - 9/2/2013		NA	NA	NA	NA	NA

Grand Bayou Well 3A			
Daily Operations at 3A	Summary of Today's events		
	Oxy 3A		
8/31 - 9/3/2013	7am	677.34	8/31/2013
	7am	675.47	9/1/2013
	7am	674.06	9/2/2013
	7am	674.53	9/3/2013
	Relief Well #1		
8/31 - 9/3/2013	See ORW-01 Flare Spreadsheet		

Attachments

Daily Action Summary

August 30, 2013

Stationary Air Monitoring

- Bijeet Mukherjee onsite from 08:05 to 09:00. Changed out the monitors between 08:30 and 08:39. Collected data from the monitoring database and forwarded to Eric Rucinski in the Baton Rouge office for processing.

- Darlene McManus of Code Red (monitor sub-contractor) onsite from 07:00 to 17:00. Assisted in battery change outs and maintenance of the monitoring equipment.

Residential Air Monitoring

- Sage has been requested to suspend bimonthly residential air monitoring. Therefore, Sage will discontinue these activities. The last event was conducted on March 26, 2013.

Gas Seep Sampling

- Not Scheduled

Well Gas Sampling

- Not Scheduled

Under Slab Gas Sampling

- Not Scheduled

Air Indoor Monitoring

- Not Scheduled

Texas Brine - Belle Rose, Louisiana
Hourly Air Monitoring Data

*Time indicates start of time period (ex. 12:00:00 AM gives the time period 12:00:00 AM to 12:59:59 AM)

	Observation Relief Well -7					Observation Relief Well - 8					Observation Relief Well -11					South of OG3A-1					Onsite Trailers				
	ORW-7					ORW-8					ORW-11					Pad #9					TR-1				
Date-Time *	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	SO2 (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)
08/30/2013 01:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/30/2013 02:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/30/2013 03:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/30/2013 04:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/30/2013 05:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/30/2013 06:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/30/2013 07:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/30/2013 08:00:00 AM	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.1	0.0	0.0	<1.0	0.0	20.9
08/30/2013 09:00:00 AM	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.2	0.0	0.0	<1.0	0.0	20.9
08/30/2013 10:00:00 AM	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.2	0.0	0.0	<1.0	0.0	20.9
08/30/2013 11:00:00 AM	0.0	0.0	0.0	0.0	21.2	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	21.3	0.0	0.0	<1.0	0.0	20.9
08/30/2013 12:00:00 PM	0.0	0.0	0.0	0.0	21.3	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	21.3	0.0	0.0	<1.0	0.0	20.9
08/30/2013 01:00:00 PM	0.0	0.0	0.0	0.0	21.4	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	21.3	0.0	0.0	<1.0	0.0	20.9
08/30/2013 02:00:00 PM	0.0	0.0	0.0	0.0	21.4	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	21.3	0.0	0.0	<1.0	0.0	20.9
08/30/2013 03:00:00 PM	0.0	0.0	0.0	0.0	21.4	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	<1.0	0.0	21.3	0.0	0.0	<1.0	0.0	20.9
08/30/2013 04:00:00 PM	0.0	0.0	0.0	0.0	21.4	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	21.3	0.0	0.0	<1.0	0.0	20.9
08/30/2013 05:00:00 PM	0.0	0.0	0.0	0.0	21.5	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	21.3	0.0	0.0	<1.0	0.0	20.9
08/30/2013 06:00:00 PM	0.0	0.0	0.0	0.0	21.5	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.1	0.0	0.0	<1.0	0.0	21.5	0.0	0.0	<1.0	0.0	20.9
08/30/2013 07:00:00 PM	0.0	0.0	0.0	0.0	21.4	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.2	0.0	0.0	<1.0	0.0	21.5	0.0	0.0	<1.0	0.0	20.9
08/30/2013 08:00:00 PM	0.0	0.0	0.0	0.0	21.2	<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.5	0.0	0.0	<1.0	0.0	20.9
08/30/2013 09:00:00 PM	0.0	0.0	0.0	0.0	21.1	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	0.0	0.0	<1.0	0.0	20.9
08/30/2013 10:00:00 PM	0.0	0.0	0.0	0.0	21.0	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	0.0	0.0	<1.0	0.0	20.9
08/30/2013 11:00:00 PM	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	0.0	0.0	<1.0	0.0	20.9
08/31/2013 12:00:00 AM	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	0.0	0.0	<1.0	0.0	20.9

Notes:

Texas Brine - Belle Rose, Louisiana
Hourly Air Monitoring Data

*Time indicates start of time period (ex. 12:00:00 AM gives the time period 12:00:00 AM to 12:59:59 AM)

	Observation Relief Well -7					Observation Relief Well - 8					Observation Relief Well -11					South of OG3A-1					Onsite Trailers				
	ORW-7					ORW-8					ORW-11					Pad #9					TR-1				
Date-Time *	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	SO2 (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)
08/30/2013 05:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/30/2013 06:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/30/2013 07:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/30/2013 08:00:00 AM	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.1	0.0	0.0	<1.0	0.0	20.9
08/30/2013 09:00:00 AM	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.2	0.0	0.0	<1.0	0.0	20.9
08/30/2013 10:00:00 AM	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.2	0.0	0.0	<1.0	0.0	20.9
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08/30/2013 12:00:00 PM	0.0	0.0	0.0	0.0	21.3	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	21.3	0.0	0.0	<1.0	0.0	20.9
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08/30/2013 08:00:00 PM	0.0	0.0	0.0	0.0	21.2	<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.5	0.0	0.0	<1.0	0.0	20.9
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08/31/2013 01:00:00 AM	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	0.0	0.0	<1.0	0.0	20.9
08/31/2013 02:00:00 AM	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	0.0	0.0	<1.0	0.0	20.9
08/31/2013 03:00:00 AM	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	0.0	0.0	0.0	0.0	20.9
08/31/2013 04:00:00 AM	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	0.0	0.0	<1.0	0.0	20.9
08/31/2013 05:00:00 AM	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	0.0	0.0	<1.0	0.0	20.9

Notes:

Daily Action Summary

August 31, 2013

Stationary Air Monitoring

- Steven Shaughnessy onsite from 08:05 to 08:50. Changed out the monitors between 08:21 and 08:37. Collected data from the monitoring database and forwarded to Jill Martin in the Baton Rouge office for processing.

- Darlene McManus of Code Red (monitor sub-contractor) onsite from 07:00 to 11:00. Assisted in battery change outs and maintenance of the monitoring equipment.

NOTE: RTU-3 experienced a battery malfunction causing downtime at ORW-8 beginning at approximately 16:40 on 08/31/2013. RTU-5 replaced RTU-3 at 08:32 on 09/1/2013, and normal data collection resumed.

Residential Air Monitoring

- Sage has been requested to suspend bimonthly residential air monitoring. Therefore, Sage will discontinue these activities. The last event was conducted on March 26, 2013.

Gas Seep Sampling

- Not Scheduled

Well Gas Sampling

- Not Scheduled

Under Slab Gas Sampling

- Not Scheduled

Air Indoor Monitoring

- Not Scheduled

Texas Brine - Belle Rose, Louisiana
Hourly Air Monitoring Data

*Time indicates start of time period (ex. 12:00:00 AM gives the time period 12:00:00 AM to 12:59:59 AM)

	Observation Relief Well -7					Observation Relief Well - 8					Observation Relief Well -11					South of OG3A-1					Onsite Trailers				
	ORW-7					ORW-8					ORW-11					Pad #9					TR-1				
Date-Time *	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	SO2 (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)
08/31/2013 01:00:00 AM	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	0.0	0.0	<1.0	0.0	20.9
08/31/2013 02:00:00 AM	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	0.0	0.0	<1.0	0.0	20.9
08/31/2013 03:00:00 AM	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	0.0	0.0	0.0	0.0	20.9
08/31/2013 04:00:00 AM	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	0.0	0.0	<1.0	0.0	20.9
08/31/2013 05:00:00 AM	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	0.0	0.0	<1.0	0.0	20.9
08/31/2013 06:00:00 AM	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.3	0.0	0.0	<1.0	0.0	20.9
08/31/2013 07:00:00 AM	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.3	0.0	0.0	<1.0	0.0	20.9
08/31/2013 08:00:00 AM	0.0	<1.0	0.0	0.0	20.9	<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	21.0	0.0	0.0	<1.0	0.0	20.9
08/31/2013 09:00:00 AM	0.0	0.0	0.0	0.0	20.7	<1.0	0.0	0.0	0.0	20.7	0.0	0.0	<1.0	0.0	20.6	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/31/2013 10:00:00 AM	0.0	0.0	<1.0	0.0	20.6	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.8	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/31/2013 11:00:00 AM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.7
08/31/2013 12:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.7
08/31/2013 01:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/31/2013 02:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/31/2013 03:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/31/2013 04:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/31/2013 05:00:00 PM	0.0	0.0	<1.0	0.0	20.9						0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9
08/31/2013 06:00:00 PM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/31/2013 07:00:00 PM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/31/2013 08:00:00 PM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/31/2013 09:00:00 PM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/31/2013 10:00:00 PM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/31/2013 11:00:00 PM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 12:00:00 AM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9

Downtime - Battery Malfunction

Notes:
RTU-3 experienced a battery malfunction causing downtime at ORW-8 beginning at approximately 4:40 PM on 08/31/2013. RTU-5 replaced RTU-3 at 8:32 AM on 09/1/2013, and normal data collection resumed

Texas Brine - Belle Rose, Louisiana
Hourly Air Monitoring Data

*Time indicates start of time period (ex. 12:00:00 AM gives the time period 12:00:00 AM to 12:59:59 AM)

	Observation Relief Well -7					Observation Relief Well - 8					Observation Relief Well -11					South of OG3A-1					Onsite Trailers				
	ORW-7					ORW-8					ORW-11					Pad #9					TR-1				
Date-Time *	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	SO2 (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)
08/31/2013 05:00:00 AM	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	0.0	0.0	<1.0	0.0	20.9
08/31/2013 06:00:00 AM	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.3	0.0	0.0	<1.0	0.0	20.9
08/31/2013 07:00:00 AM	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.3	0.0	0.0	<1.0	0.0	20.9
08/31/2013 08:00:00 AM	0.0	<1.0	0.0	0.0	20.9	<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	21.0	0.0	0.0	<1.0	0.0	20.9
08/31/2013 09:00:00 AM	0.0	0.0	0.0	0.0	20.7	<1.0	0.0	0.0	0.0	20.7	0.0	0.0	<1.0	0.0	20.6	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/31/2013 10:00:00 AM	0.0	0.0	<1.0	0.0	20.6	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.8	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/31/2013 11:00:00 AM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.7
08/31/2013 12:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.7
08/31/2013 01:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/31/2013 02:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/31/2013 03:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/31/2013 04:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/31/2013 05:00:00 PM	0.0	0.0	<1.0	0.0	20.9						0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9
08/31/2013 06:00:00 PM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/31/2013 07:00:00 PM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/31/2013 08:00:00 PM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/31/2013 09:00:00 PM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/31/2013 10:00:00 PM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
08/31/2013 11:00:00 PM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 12:00:00 AM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 01:00:00 AM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 02:00:00 AM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 03:00:00 AM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 04:00:00 AM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 05:00:00 AM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9

Downtime - Battery Malfunction

Notes:
RTU-3 experienced a battery malfunction causing downtime at ORW-8 beginning at approximately 4:40 PM on 08/31/2013. RTU-5 replaced RTU-3 at 8:32 AM on 09/1/2013, and normal data collection resumed.

Daily Action Summary

September 1, 2013

Stationary Air Monitoring

- Steven Shaughnessy onsite from 08:00 to 08:45. Changed out the monitors between 08:14 and 08:33. Collected data from the monitoring database and forwarded to Jill Martin in the Baton Rouge office for processing.

- Darlene McManus of Code Red (monitor sub-contractor) onsite from 07:00 to 11:00. Assisted in battery change outs and maintenance of the monitoring equipment.

NOTE: As discussed on the 08/31/2013 Daily Action Summary, RTU-3 experienced a battery malfunction causing downtime at ORW-8 beginning at approximately 16:40 on 08/31/2013. RTU-5 replaced RTU-3 at 08:32 on 09/1/2013, and normal data collection resumed.

Additionally, RTU-7 experienced a battery malfunction causing downtime at ORW-7 beginning at approximately 22:02 on 09/01/2013. RTU-6 replaced RTU-7 at 08:38 on 09/2/2013, and normal data collection resumed.

Residential Air Monitoring

- Sage has been requested to suspend bimonthly residential air monitoring. Therefore, Sage will discontinue these activities. The last event was conducted on March 26, 2013.

Gas Seep Sampling

- Not Scheduled

Well Gas Sampling

- Not Scheduled

Under Slab Gas Sampling

- Not Scheduled

Air Indoor Monitoring

- Not Scheduled

Texas Brine - Belle Rose, Louisiana
Hourly Air Monitoring Data

*Time indicates start of time period (ex. 12:00:00 AM gives the time period 12:00:00 AM to 12:59:59 AM)

	Observation Relief Well -7					Observation Relief Well - 8					Observation Relief Well -11					South of OG3A-1					Onsite Trailers				
	ORW-7					ORW-8					ORW-11					Pad #9					TR-1				
Date-Time *	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	SO2 (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)
09/01/2013 01:00:00 AM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 02:00:00 AM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 03:00:00 AM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 04:00:00 AM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 05:00:00 AM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 06:00:00 AM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.5
09/01/2013 07:00:00 AM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 08:00:00 AM	0.0	<1.0	<1.0	0.0	20.8	<1.0	0.0	<1.0	0.0	20.8	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.8	0.0	0.0	0.0	0.0	20.9
09/01/2013 09:00:00 AM	0.0	0.0	<1.0	0.0	20.6	<1.0	0.0	<1.0	0.0	20.6	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.7	0.0	0.0	0.0	0.0	20.9
09/01/2013 10:00:00 AM	0.0	0.0	<1.0	0.0	20.8	<1.0	0.0	<1.0	0.0	20.6	0.0	0.0	0.0	0.0	21.0	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 11:00:00 AM	0.0	0.0	<1.0	0.0	20.9	1.0	0.0	<1.0	0.0	20.8	0.0	0.0	0.0	0.0	21.2	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 12:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 01:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9
09/01/2013 02:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9
09/01/2013 03:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.5	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 04:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.5	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 05:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.5	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 06:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 07:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 08:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.3	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 09:00:00 PM	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.2	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 10:00:00 PM	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.0	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 11:00:00 PM	Downtime - Battery Malfunction					<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 12:00:00 AM						<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9

Notes:
RTU-7 experienced a battery malfunction causing downtime at ORW-7 beginning at approximately 11:02 PM on 09/01/2013. RTU-6 replaced RTU-7 at 8:38 AM on 09/2/2013, and normal data collection resumed.
RTU-3 experienced a battery malfunction causing downtime at ORW-8 beginning at approximately 4:40 PM on 08/31/2013. RTU-5 replaced RTU-3 at 8:32 AM on 09/1/2013, and normal data collection resumed

Texas Brine - Belle Rose, Louisiana
Hourly Air Monitoring Data

*Time indicates start of time period (ex. 12:00:00 AM gives the time period 12:00:00 AM to 12:59:59 AM)

	Observation Relief Well -7					Observation Relief Well - 8					Observation Relief Well -11					South of OG3A-1					Onsite Trailers				
	ORW-7					ORW-8					ORW-11					Pad #9					TR-1				
Date-Time *	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	SO2 (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)
09/01/2013 05:00:00 AM	0.0	0.0	0.0	0.0	20.9	Downtime - Battery Malfunction					0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 06:00:00 AM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.5
09/01/2013 07:00:00 AM	0.0	0.0	0.0	0.0	20.9						0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 08:00:00 AM	0.0	<1.0	<1.0	0.0	20.8	<1.0	0.0	<1.0	0.0	20.8	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.8	0.0	0.0	0.0	0.0	20.9
09/01/2013 09:00:00 AM	0.0	0.0	<1.0	0.0	20.6	<1.0	0.0	<1.0	0.0	20.6	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.7	0.0	0.0	0.0	0.0	20.9
09/01/2013 10:00:00 AM	0.0	0.0	<1.0	0.0	20.8	<1.0	0.0	<1.0	0.0	20.6	0.0	0.0	0.0	0.0	21.0	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 11:00:00 AM	0.0	0.0	<1.0	0.0	20.9	1.0	0.0	<1.0	0.0	20.8	0.0	0.0	0.0	0.0	21.2	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 12:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 01:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9
09/01/2013 02:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9
09/01/2013 03:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.5	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 04:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.5	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 05:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.5	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 06:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 07:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 08:00:00 PM	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.3	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 09:00:00 PM	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.2	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 10:00:00 PM	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.0	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/01/2013 11:00:00 PM	Downtime - Battery Malfunction					<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 12:00:00 AM						<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 01:00:00 AM						<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 02:00:00 AM						<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 03:00:00 AM						<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 04:00:00 AM						<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 05:00:00 AM						<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9

Notes:
RTU-7 experienced a battery malfunction causing downtime at ORW-7 beginning at approximately 11:02 PM on 09/01/2013. RTU-6 replaced RTU-7 at 8:38 AM on 09/2/2013, and normal data collection resumed.
RTU-3 experienced a battery malfunction causing downtime at ORW-8 beginning at approximately 4:40 PM on 08/31/2013. RTU-5 replaced RTU-3 at 8:32 AM on 09/1/2013, and normal data collection resumed.

Daily Action Summary

September 2, 2013

Stationary Air Monitoring

- Steven Shaughnessy onsite from 08:00 to 09:00. Changed out the monitors between 08:16 and 08:38. Collected data from the monitoring database and forwarded to Jill Martin in the Baton Rouge office for processing.

- Britt Barnett of Code Red (monitor sub-contractor) onsite from 07:00 to 12:00. Assisted in battery change outs and maintenance of the monitoring equipment.

NOTE: As discussed on the 09/01/2013 Daily Action Summary, RTU-7 experienced a battery malfunction causing downtime at ORW-7 beginning at approximately 22:02 on 09/01/2013. RTU-6 replaced RTU-7 at 08:38 on 09/2/2013, and normal data collection resumed.

Residential Air Monitoring

- Sage has been requested to suspend bimonthly residential air monitoring. Therefore, Sage will discontinue these activities. The last event was conducted on March 26, 2013.

Gas Seep Sampling

- Not Scheduled

Well Gas Sampling

- Not Scheduled

Under Slab Gas Sampling

- Not Scheduled

Air Indoor Monitoring

- Not Scheduled

Texas Brine - Belle Rose, Louisiana
Hourly Air Monitoring Data

*Time indicates start of time period (ex. 12:00:00 AM gives the time period 12:00:00 AM to 12:59:59 AM)

	Observation Relief Well -7					Observation Relief Well - 8					Observation Relief Well -11					South of OG3A-1					Onsite Trailers				
	ORW-7					ORW-8					ORW-11					Pad #9					TR-1				
Date-Time *	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	SO2 (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)
09/02/2013 01:00:00 AM						<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 02:00:00 AM						<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 03:00:00 AM						<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 04:00:00 AM			Downtime - Battery Malfunction			<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 05:00:00 AM						<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 06:00:00 AM						<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 07:00:00 AM						<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 08:00:00 AM	<1.0	0.0	<1.0	0.0	20.8	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.8	0.0	<1.0	0.0	0.0	20.9
09/02/2013 09:00:00 AM	<1.0	0.0	<1.0	0.0	20.1	<1.0	0.0	<1.0	0.0	20.9	0.0	1.7	<1.0	0.0	20.7	<1.0	0.0	0.0	0.0	20.6	0.0	<1.0	0.0	0.0	20.9
09/02/2013 10:00:00 AM	<1.0	0.0	<1.0	0.0	20.7	<1.0	0.0	<1.0	0.0	20.9	0.0	1.1	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.7	0.0	0.0	0.0	0.0	20.9
09/02/2013 11:00:00 AM	<1.0	0.0	<1.0	0.0	20.8	<1.0	0.0	<1.0	0.0	20.9	0.0	<1.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.7	0.0	<1.0	0.0	0.0	20.9
09/02/2013 12:00:00 PM	<1.0	0.0	<1.0	0.0	20.8	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0	0.0	20.9
09/02/2013 01:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 02:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 03:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 04:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 05:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 06:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 07:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 08:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 09:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 10:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 11:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/03/2013 12:00:00 AM	<1.0	<1.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9

Notes:
RTU-7 experienced a battery malfunction causing downtime at ORW-7 beginning at approximately 11:02 PM on 09/01/2013. RTU-6 replaced RTU-7 at 8:38 AM on 09/2/2013, and normal data collection resumed.

Texas Brine - Belle Rose, Louisiana
Hourly Air Monitoring Data

*Time indicates start of time period (ex. 12:00:00 AM gives the time period 12:00:00 AM to 12:59:59 AM)

	Observation Relief Well -7					Observation Relief Well - 8					Observation Relief Well -11					South of OG3A-1					Onsite Trailers				
	ORW-7					ORW-8					ORW-11					Pad #9					TR-1				
Date-Time *	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	SO2 (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)
09/02/2013 05:00:00 AM	Downtime - Battery Malfunction					<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 06:00:00 AM						<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 07:00:00 AM						<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 08:00:00 AM	<1.0	0.0	<1.0	0.0	20.8	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.8	0.0	<1.0	0.0	0.0	20.9
09/02/2013 09:00:00 AM	<1.0	0.0	<1.0	0.0	20.1	<1.0	0.0	<1.0	0.0	20.9	0.0	1.7	<1.0	0.0	20.7	<1.0	0.0	0.0	0.0	20.6	0.0	<1.0	0.0	0.0	20.9
09/02/2013 10:00:00 AM	<1.0	0.0	<1.0	0.0	20.7	<1.0	0.0	<1.0	0.0	20.9	0.0	1.1	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.7	0.0	0.0	0.0	0.0	20.9
09/02/2013 11:00:00 AM	<1.0	0.0	<1.0	0.0	20.8	<1.0	0.0	<1.0	0.0	20.9	0.0	<1.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.7	0.0	<1.0	0.0	0.0	20.9
09/02/2013 12:00:00 PM	<1.0	0.0	<1.0	0.0	20.8	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0	0.0	20.9
09/02/2013 01:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 02:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 03:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 04:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 05:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 06:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 07:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 08:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 09:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 10:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/02/2013 11:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/03/2013 12:00:00 AM	<1.0	<1.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/03/2013 01:00:00 AM	<1.0	<1.0	0.0	0.0	21.4	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/03/2013 02:00:00 AM	<1.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/03/2013 03:00:00 AM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/03/2013 04:00:00 AM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
09/03/2013 05:00:00 AM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9

Notes:
RTU-7 experienced a battery malfunction causing downtime at ORW-7 beginning at approximately 11:02 PM on 09/01/2013. RTU-6 replaced RTU-7 at 8:38 AM on 09/2/2013, and normal data collection resumed.

RESPEC Consulting & Services

Texas Brine, L.L.C.

Assumption Parish, Louisiana

Daily Field Report

Report By: Pete Smith

Company: RESPEC

Date: 8/30/13

Job #: 02241

Personnel	Company	Job Title
Peter Smith, CPG	RESPEC	Staff Geologist
Nick Marnach	RESPEC	Staff Engineer

Time On Site: Start Time: 07:00 End Time: 19:00

DAILY ACTIVITY

MiHPT: MiHPT 38 was completed. Log forwarded to Hecox and added to the Box.

DPVE Pilot Test:

The system ran without interruption overnight. From 17:00 on 8/29 through 07:30 on 8/30 the system recovered approximately 6,000 gallons of water. The system vacuum remained at 25 inches of mercury. Well DPVE-26-1 continued to produce more water than DPVE-26-3A. Although DPVE-26-1 is producing a great deal of water, the draw down is not sufficient enough to expose the screen and increase air flow. The vacuum at this well is consistently at 18 to 20 inches of mercury. The water in the well is being "mounded" by the vacuum on the well casing. The plan is to increase the drop tube (stinger) to 2 inch diameter PVC to increase the water flow to lower the water table and expose the screen, which should increase the air flow. Well DPVE-26-3A has consistently had a vacuum of 12 inches of mercury with an air flow of approximately 60 cfm. The screen at this well is exposed to the system's vacuum.

Methane concentrations from the system discharge remained in the 40,000 to 47,000 ppm range until Friday afternoon when it increased to above 50,000 ppm. The average methane recovery has been calculated at approximately 7 lbs per hour. The total runtime of the system was 48.7 hours as of 12:10 on 8/30/13. It should be noted that the 48.7 hours is a total runtime and it includes periods when only one well was running due to startup and modifications to one well or the other.

The most important observation at the site is that the bubbles in the lagoon have been significantly reduced. Prior to system startup, there were at least 4 distinct areas of bubble circles with one larger than the others. At noon on Friday, 8/30/13, only one bubble was left and it was very small. This observation was noted and confirmed by a number of site employees familiar with the site over the last several

months. RESPEC downloaded/manually collected and recorded DPVE monitoring well data and called tanker truck to schedule extra 5500 gallon pickup.

Instrumentation: Removed and relocated tilt meter site 88 to 99; material preparation for the installation of site 5 & 6.

PROPOSED SCHEDULE

MiHPT: MiHPT will continue after the break on Wednesday.

DPVE Pilot Test: Continue to operate the vacuum system in dual phase mode over the holiday weekend.

Initials: PHS

RESPEC Consulting & Services

Texas Brine, L.L.C.

Assumption Parish, Louisiana

Daily Field Report

Report By: Pete Smith

Company: RESPEC

Date: 8/31/13

Job #: 02241

Personnel	Company	Job Title
Nick Marnach	RESPEC	Staff Engineer

Time On Site: Start Time: 09:30 End Time: 17:00

DAILY ACTIVITY

MiHPT: No MiHPT work completed.

DPVE Pilot Test: Continue to operate the vacuum system. Downloaded/manually collected and recorded DPVE monitoring well data; two (2) 5500 gal tankers at frac tank (10:00 AM and 12:00 PM).

Instrumentation: Installed water level monitoring sites 5 & 6.

PROPOSED SCHEDULE

MiHPT: MiHPT will continue after the break on Wednesday.

DPVE Pilot Test: Continue to operate the vacuum system in dual phase mode over the holiday weekend.

Initials: PHS

RESPEC Consulting & Services

Texas Brine, L.L.C.

Assumption Parish, Louisiana

Daily Field Report

Report By: Pete Smith

Company: RESPEC

Date: 9/1/13

Job #: 02241

Personnel	Company	Job Title
Nick Marnach	RESPEC	Staff Engineer

Time On Site: Start Time: 08:00 End Time: 15:00

DAILY ACTIVITY

MiHPT: No MiHPT work completed.

DPVE Pilot Test: Continue to operate the vacuum system. Downloaded/manually collected and recorded DPVE monitoring well data. Two loads of water picked up; tanker truck driver reports sand in tank.

Instrumentation: Ran power and brought on-line site 88/99. Painted site 88/99 white.

PROPOSED SCHEDULE

MiHPT: MiHPT will continue after the break on Wednesday.

DPVE Pilot Test: Continue to operate the vacuum system in dual phase mode over the holiday weekend.

Initials: PHS

ME&A Daily Action Summary

August 30, 2013

Subsidence Survey:

- No Work Done

Sinkhole Perimeter/Hydrographic Survey:

- No Work Done

Support Sinkhole Cleanup

- No Work Done

Misc. Survey Work

- Arrive @ 1:00 pm
- Survey installed CPTs
- Depart 3:00 pm

ME&A Daily Action Summary

August 31, 2013

Subsidence Survey:

- No Work Done

Sinkhole Perimeter/Hydrographic Survey:

- No Work Done

Support Sinkhole Cleanup

- No Work Done

Misc. Survey Work

- No Work Done

ME&A Daily Action Summary

September 1, 2013

Subsidence Survey:

- No Work Done

Sinkhole Perimeter/Hydrographic Survey:

- No Work Done

Support Sinkhole Cleanup

- No Work Done

Misc. Survey Work

- No Work Done

ME&A Daily Action Summary

September 2, 2013

Subsidence Survey:

- No Work Done

Sinkhole Perimeter/Hydrographic Survey:

- No Work Done

Support Sinkhole Cleanup

- No Work Done

Misc. Survey Work

- No Work Done

Michael Pisani & Associates

Texas Brine, L.L.C.
Assumption Parish, Louisiana
Daily Field Report

Report By: Patrick Ritchie Date: 8/30/2013
Company: MP&A Work Order # 80-05

Health and Safety Meeting [y] YES [ ] NO

Weather: 95 F Partly cloudy

Personnel	Company	Job Title
Charles Trahan	MP&A	Geologist
Patrick Ritchie	MP&A	Environmental Scientist

Site Activities: Start Time 6:55 End Time 14:30

Equipment On-site:
Sonic rig
Truck with poly water tank
Skid steer

Daily Activity:
Grouted MRAA-4S.
Well development at MRAA-4M. Well was flushed with fresh water, surge blocked and airlifted
Conduct in-situ monitoring of industrial water wells
Measure water level for the industrial water wells and MRAA wells
Download data from pressure transducer at MRAA-01M
Deployed pressure transducers at MRAA-06M and MRAA-08M

Estimated time of completion:
On-going

Proposed schedule:
Conduct in-situ monitoring of industrial water wells
Measure water level for the industrial water wells and MRAA wells
Measure pressure and water level at TBC Geoprobe locations
Collect laboratory samples from the industrial water wells
Observe, video, measure bubble sites

Estimated time of completion:
On-going

Initials: PMR

Michael Pisani & Associates

Texas Brine, L.L.C.
Assumption Parish, Louisiana
Daily Field Report

Report By: Patrick Ritchie Date: 8/31/2013
Company: MP&A Work Order # 80-05

Health and Safety Meeting [y] YES [ ] NO

Weather: _____

Personnel	Company	Job Title

Site Activities: Start Time _____ End Time _____

Equipment On-site:

Daily Activity:
No Field Acitvities

Estimated time of completion:
On-going

Proposed schedule:
Conduct in-situ monitoring of industrial water wells
Measure water level for the industrial water wells and MRAA wells
Measure pressure and water level at TBC Geoprobe locations
Collect laboratory samples from the industrial water wells
Observe, video, measure bubble sites

Estimated time of completion:
On-going

Initials: PMR

Michael Pisani & Associates

Texas Brine, L.L.C.
Assumption Parish, Louisiana
Daily Field Report

Report By: Patrick Ritchie Date: 9/1/2013
Company: MP&A Work Order # 80-05

Health and Safety Meeting [y] YES [ ] NO

Weather: _____

Personnel	Company	Job Title

Site Activities: Start Time _____ End Time _____

Equipment On-site:

Daily Activity:
No Field Acitvities

Estimated time of completion:
On-going

Proposed schedule:
Conduct in-situ monitoring of industrial water wells
Measure water level for the industrial water wells and MRAA wells
Measure pressure and water level at TBC Geoprobe locations
Collect laboratory samples from the industrial water wells
Observe, video, measure bubble sites

Estimated time of completion:
On-going

Initials: PMR

Michael Pisani & Associates

Texas Brine, L.L.C.
Assumption Parish, Louisiana
Daily Field Report

Report By: Patrick Ritchie Date: 9/2/2013
Company: MP&A Work Order # 80-05

Health and Safety Meeting [y] YES [ ] NO

Weather: _____

Personnel	Company	Job Title

Site Activities: Start Time _____ End Time _____

Equipment On-site:

Daily Activity:
No Field Acitvities

Estimated time of completion:
On-going

Proposed schedule:
Conduct in-situ monitoring of industrial water wells
Measure water level for the industrial water wells and MRAA wells
Measure pressure and water level at TBC Geoprobe locations
Collect laboratory samples from the industrial water wells
Observe, video, measure bubble sites

Estimated time of completion:
On-going

Initials: PMR