



Texas Brine Company, LLC

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October 28, 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 (TBC) 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	Eric Rucinski - 08:10 - 09:15, Britt Barnett (Code Red) - 07:00 - 17:00; Eric Rucinski - 07:55 - 08:45, Britt Barnett (Code Red) - 07:00 - 11:00; Eric Rucinski - 08:00 - 08:50, Britt Barnett (Code Red) - 07:00 - 11:00	10/25 - 10/27/2013	NA	NA	NA	AreaRAE Monitors	10/26 - 10/28/2013
	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	10/25 - 10/27/2013	NA	NA	NA	NA	NA
	Well Gas Sampling	Steve Shaughnessy - 10:47	10/25/2013	To be delivered on 10/28/2013	No	Isotech SPL	Isotopic Sulfur	upon receipt of results from labs
	Under Slab Gas Sampling	No work performed	10/25 - 10/27/2013	NA	NA	NA	NA	NA
	Indoor Air Monitoring	No work performed	10/25 - 10/27/2013	NA	NA	NA	NA	NA
Respec	Inclinometers/Tilt Meters/Transducers	10/24 - 10/27/2213 Replace tilt meter at east brine tank. O&M of systems as possible given Code level	N. Marncah; E. Krantz	NA	NA	NA	NA	NA
	InSAR Reflector Installations	10/24 - 10/27/2213 Located and marked sites for ARs 24,27,28. Assist with early warning system. O&M of systems as possible given Code level	N. Marncah; E. Krantz	NA	NA	NA	NA	NA
	Subsidence Survey-Fenstermaker	10/24 - 10/27/2213 No work Conducted	NA	NA	NA	NA	NA	NA
	Shallow Geophone Installation	10/24 - 10/27/2213 No work Conducted	NA	NA	NA	NA	NA	NA
	Deep Geophone Installation	10/24 - 10/27/2213 No work Conducted	NA	NA	NA	NA	NA	NA
	Amendment #3, Directive #2	10/24 - 10/27/2213 No work Conducted	NA	NA	NA	NA	NA	NA
	Expansion of geoprobe gas sampling locations	10/24 - 10/27/2213 No work Conducted	NA	NA	NA	NA	NA	NA
	DPVE Pilot Test	10/24 - 10/27/2213 Collected final well measurements. Shipped gas samples. Remove all	N. Marncah	NA	NA	NA	NA	NA
	MIHPT	10/24 - 10/27/2213 No work Conducted	NA	NA	NA	NA	NA	NA
Miller	Weekly Stability Survey	No Work Performed	10/24 - 10/27/2013	NA	NA	NA	NA	NA
	Misc. Survey Work	Kevin Pichoff/Kevin Pichoff, Jr. H. Sauce/H. Blakesley	10/24 - 10/27/2013	NA	NA	NA	NA	NA
	Sinkhole Hydro/Perimeter Survey	No Work Performed	10/24 - 10/27/2013	NA	NA	NA	NA	NA
Pisani	Surface Water	NA	10/24 - 10/27/2013	NA	NA	NA	NA	NA
	Industrial Well Water	NA	10/24 - 10/27/2013	NA	NA	NA	NA	NA
	MRAA Well Water	NA	10/24 - 10/27/2013	NA	NA	NA	NA	NA
	GP/ORW Water	NA	10/24 - 10/27/2013	NA	NA	NA	NA	NA
	Cavern Fluids	PMR	10/25/2013	NA	NA	Isotech	Fluid Properties; Oil Print Analysis	NA
	Discharge/Outfall Water	NA	10/24 - 10/27/2013	NA	NA	NA	NA	NA
	Geoprobe Wells	NA	10/24 - 10/27/2013	NA	NA	NA	NA	NA
Grand Bayou Well 3A								
Daily Operations at 3A		Summary of Today's events						
10/26 - 10/28/2013		Oxy 3A						
	7am	0.47	10/26/2013					
	7am	0.23	10/27/2013					
	7am	0.23	10/28/2013					
10/26 - 10/28/2013		Relief Well #1						
		See ORW-01 Flare Spreadsheet						

Attachments

Daily Action Summary

October 25, 2013

Stationary Air Monitoring

- Eric Rucinski onsite from 08:10 to 09:15. Changed out the monitors between 08:36 and 09:08. 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 17:00. Assisted in battery change outs and maintenance of the monitoring equipment.

NOTE: Beginning at approximately 18:43 on 10/25/2013, data was not properly transmitted due to a malfunction with the monitoring computer. The computer malfunction was resolved at approximately 07:15 on 10/26/2013, and normal data collection resumed. Additionally, a Code 3 was issued for the sink hole work area on 10/25/2013. Access to ORW-7a and ORW-8a is not allowed during times that a Code 3 is issued; thus, the monitors deployed at these locations on 10/24/2013 remained in place. These monitors will be serviced and replaced as soon as the Code 3 is lifted.

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

- Well gas samples were collected from OG3A-1. Steven Shaughnessy started the scheduled well gas sampling at 10:47. Four samples were collected; two for isotopic analysis and two for sulfur analysis. All samples will be delivered to the Accutest service center on Monday, October 28, 2013. Samples will be transported to the SPL Louisiana laboratory for sulfur analysis. Samples will also be shipped to Isotech Laboratories in Illinois for isotopic analysis.

Under Slab Gas Sampling

- Not Scheduled

Air Indoor Monitoring

- Not Scheduled

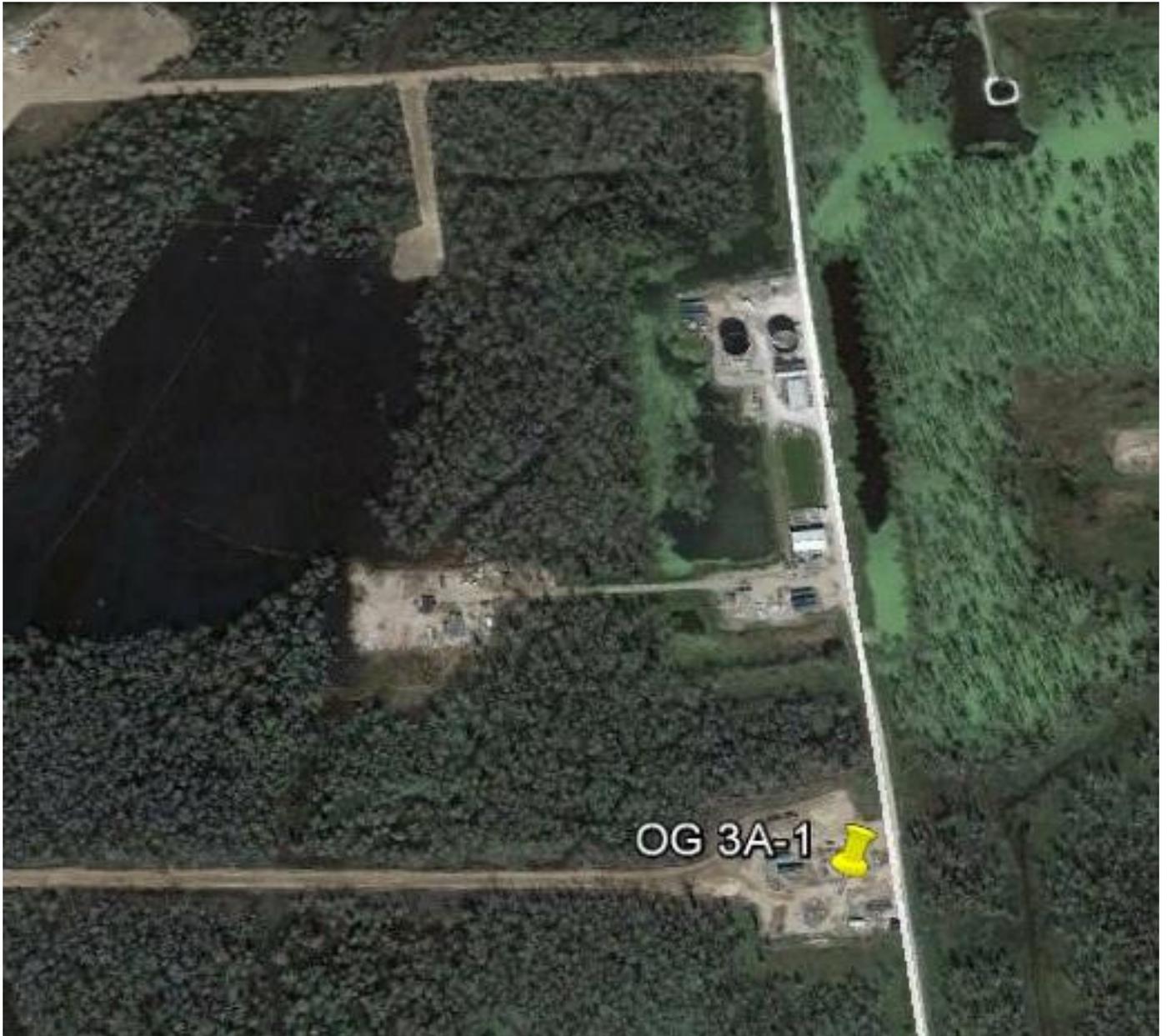
Texas Brine - Belle Rose, Louisiana
Hourly Air Monitoring Data

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

Date-Time *	Observation Relief Well -7					Observation Relief Well - 8					Observation Relief Well -11					South of OG3A-1					Onsite Trailers				
	ORW-7a					ORW-8a					ORW-11a					Pad #9					TR-1				
	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 (%)
10/25/2013 01:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	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
10/25/2013 02:00:00 AM	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	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/25/2013 03:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.8	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
10/25/2013 04:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.7	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
10/25/2013 05:00:00 AM	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.7	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/25/2013 06:00:00 AM	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.6	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
10/25/2013 07:00:00 AM	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.6	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
10/25/2013 08:00:00 AM	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.6	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9
10/25/2013 09:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.7	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9
10/25/2013 10:00:00 AM	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	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/25/2013 11:00:00 AM	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	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/25/2013 12:00:00 PM	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	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/25/2013 01:00:00 PM	0.0	0.0	0.0	0.0	21.0	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
10/25/2013 02:00:00 PM	0.0	0.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	21.1	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9
10/25/2013 03:00:00 PM	0.0	0.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9
10/25/2013 04:00:00 PM	0.0	0.0	0.0	0.0	21.1	0.0	0.0	0.0	0.0	21.1	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
10/25/2013 05:00:00 PM	0.0	0.0	0.0	0.0	21.1	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	0.0	0.0	0.0	0.0	20.9
10/25/2013 06:00:00 PM	0.0	0.0	0.0	0.0	21.1	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
10/25/2013 07:00:00 PM	Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction				
10/25/2013 08:00:00 PM	Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction				
10/25/2013 09:00:00 PM	Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction				
10/25/2013 10:00:00 PM	Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction				
10/25/2013 11:00:00 PM	Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction				
10/26/2013 12:00:00 AM	Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction				

Notes:

Beginning at approximately 06:43 PM on 10/25/2013, data was not properly transmitted due to a malfunction with the monitoring computer. The computer malfunction was resolved at approximately 07:15 AM on 10/26/2013, and normal data collection resumed.
A Code 3 was issued for the sink hole work area on 10/25/2013. Access to ORW-7a and ORW-8a is not allowed during times that a Code 3 is issued; thus, the monitors deployed at these locations on 10/24/2013 remained in place. These monitors will be serviced and replaced as soon as the Code 3 is lifted.



OG 3A-1 Well Gas Sampling Location

October 25, 2013



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)

Date-Time *	Observation Relief Well -7					Observation Relief Well - 8					Observation Relief Well -11					South of OG3A-1					Onsite Trailers				
	ORW-7a					ORW-8a					ORW-11a					Pad #9					TR-1				
	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 (%)
10/25/2013 05:00:00 AM	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.7	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/25/2013 06:00:00 AM	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.6	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
10/25/2013 07:00:00 AM	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.6	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
10/25/2013 08:00:00 AM	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.6	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9
10/25/2013 09:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.7	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9
10/25/2013 10:00:00 AM	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	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/25/2013 11:00:00 AM	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	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/25/2013 12:00:00 PM	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	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/25/2013 01:00:00 PM	0.0	0.0	0.0	0.0	21.0	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
10/25/2013 02:00:00 PM	0.0	0.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	21.1	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9
10/25/2013 03:00:00 PM	0.0	0.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9
10/25/2013 04:00:00 PM	0.0	0.0	0.0	0.0	21.1	0.0	0.0	0.0	0.0	21.1	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
10/25/2013 05:00:00 PM	0.0	0.0	0.0	0.0	21.1	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	0.0	0.0	0.0	0.0	20.9
10/25/2013 06:00:00 PM	0.0	0.0	0.0	0.0	21.1	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
10/25/2013 07:00:00 PM	Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction				
10/25/2013 08:00:00 PM																									
10/25/2013 09:00:00 PM																									
10/25/2013 10:00:00 PM																									
10/25/2013 11:00:00 PM																									
10/26/2013 12:00:00 AM																									
10/26/2013 01:00:00 AM																									
10/26/2013 02:00:00 AM																									
10/26/2013 03:00:00 AM																									
10/26/2013 04:00:00 AM																									
10/26/2013 05:00:00 AM																									

Notes:

Beginning at approximately 06:43 PM on 10/25/2013, data was not properly transmitted due to a malfunction with the monitoring computer. The computer malfunction was resolved at approximately 07:15 AM on 10/26/2013, and normal data collection resumed.

A Code 3 was issued for the sink hole work area on 10/25/2013. Access to ORW-7a and ORW-8a is not allowed during times that a Code 3 is issued; thus, the monitors deployed at these locations on 10/24/2013 remained in place. These monitors will be serviced and replaced as soon as the Code 3 is lifted.

Daily Action Summary

October 26, 2013

Stationary Air Monitoring

- Eric Rucinski onsite from 07:55 to 08:45. Changed out the monitors between 08:11 and 08:22. 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 11:00. Assisted in battery change outs and maintenance of the monitoring equipment.

NOTE: As reported on the 10/25/2013 Daily Action Summary, beginning at approximately 18:43 on 10/25/2013, data was not properly transmitted due to a malfunction with the monitoring computer. The computer malfunction was resolved at approximately 07:15 on 10/26/2013, and normal data collection resumed. Additionally, RTU-9, located at TR-1, recorded elevated VOC while deployed on 10/26/2012. RTU-2 replaced RTU-9 at 08:12 on 10/26/2012, and normal VOC readings resumed. RTU-9 will be inspected and serviced as necessary by the onsite technician.

A Code 3 was issued for the sink hole work area on 10/25/2013 and continued to remain in effect on 10/26/2013. Access to ORW-7a and ORW-8a is not allowed during times that a Code 3 is issued; thus, the monitors deployed at these locations on 10/24/2013 remain in place. The battery life expired on 10/25/2013 for these monitors; thus, no data was collected for ORW-7a and ORW-8a on 10/26/2013. These monitors will be serviced and replaced as soon as the Code 3 is lifted.

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)

Date-Time *	Observation Relief Well -7 ORW-7a					Observation Relief Well - 8 ORW-8a					Observation Relief Well -11 ORW-11a					South of OG3A-1 Pad #9					Onsite Trailers TR-1														
	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 (%)										
10/26/2013 01:00:00 AM	No data collected - no access to monitors due to Code 3					No data collected - no access to monitors due to Code 3					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction														
10/26/2013 02:00:00 AM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 03:00:00 AM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 04:00:00 AM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 05:00:00 AM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 06:00:00 AM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 07:00:00 AM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 08:00:00 AM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 09:00:00 AM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 10:00:00 AM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 11:00:00 AM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 12:00:00 PM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 01:00:00 PM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 02:00:00 PM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 03:00:00 PM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 04:00:00 PM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 05:00:00 PM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 06:00:00 PM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 07:00:00 PM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 08:00:00 PM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 09:00:00 PM	0.0					0.0					0.0					0.0					0.0														
10/26/2013 10:00:00 PM	0.0					0.0					0.0					0.0					0.0														
10/26/2013 11:00:00 PM	0.0					0.0					0.0					0.0					0.0														
10/27/2013 12:00:00 AM	0.0					0.0					0.0					0.0					0.0														

Notes:

Beginning at approximately 06:43 PM on 10/25/2013, data was not properly transmitted due to a malfunction with the monitoring computer. The computer malfunction was resolved at approximately 07:15 AM on 10/26/2013, and normal data collection resumed.

A Code 3 was issued for the sink hole work area on 10/25/2013 and continued to remain in effect on 10/26/2013. Access to ORW-7a and ORW-8a is not allowed during times that a Code 3 is issued; thus, the monitors deployed at these locations on 10/24/2013 remain in place. The battery life expired on 10/25/2013 for these monitors; thus, no data was collected for ORW-7a and ORW-8a on 10/26/2013. These monitors will be serviced and replaced as soon as the Code 3 is lifted.

RTU-9, located at TR-1, recorded elevated VOC while deployed on 10/26/2012. RTU-2 replaced RTU-9 at 08:12 AM on 10/26/2012, and normal VOC readings resumed. RTU-9 will be inspected and serviced as necessary by the onsite technician.

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)

Date-Time *	Observation Relief Well -7					Observation Relief Well - 8					Observation Relief Well -11					South of OG3A-1					Onsite Trailers														
	ORW-7a					ORW-8a					ORW-11a					Pad #9					TR-1														
	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 (%)										
10/26/2013 05:00:00 AM	No data collected - no access to monitors due to Code 3					No data collected - no access to monitors due to Code 3					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction														
10/26/2013 06:00:00 AM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 07:00:00 AM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 08:00:00 AM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 09:00:00 AM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 10:00:00 AM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 11:00:00 AM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 12:00:00 PM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 01:00:00 PM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 02:00:00 PM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 03:00:00 PM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 04:00:00 PM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 05:00:00 PM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 06:00:00 PM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 07:00:00 PM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 08:00:00 PM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 09:00:00 PM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 10:00:00 PM											0.0					0.0					0.0					0.0					0.0				
10/26/2013 11:00:00 PM											0.0					0.0					0.0					0.0					0.0				
10/27/2013 12:00:00 AM											0.0					0.0					0.0					0.0					0.0				
10/27/2013 01:00:00 AM	0.0					0.0					0.0					0.0					0.0														
10/27/2013 02:00:00 AM	0.0					0.0					0.0					0.0					0.0														
10/27/2013 03:00:00 AM	0.0					0.0					0.0					0.0					0.0														
10/27/2013 04:00:00 AM	0.0					0.0					0.0					0.0					0.0														
10/27/2013 05:00:00 AM	0.0					0.0					0.0					0.0					0.0														

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Daily Action Summary

October 27, 2013

Stationary Air Monitoring

- Eric Rucinski onsite from 08:00 to 08:50. Changed out the monitors between 08:21 and 08:38. Collected data from the monitoring database and forwarded to Steven Shaughnessy in the Baton Rouge office for processing.
- Britt Barnett 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: A Code 3 was issued for the sink hole work area on 10/25/2013 and continues to remain in effect. Access to ORW-7a and ORW-8a is not allowed during times that a Code 3 is issued; thus, the monitors deployed at these locations on 10/24/2013 remain in place. No data has been collected for ORW-7a and ORW-8a since the battery life of the monitors expired on 10/25/2013. These monitors will be serviced and replaced as soon as the Code 3 is lifted.

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

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Date-Time *	Observation Relief Well -7					Observation Relief Well - 8					Observation Relief Well -11					South of OG3A-1					Onsite Trailers				
	ORW-7a					ORW-8a					ORW-11a					Pad #9					TR-1				
	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 (%)
10/27/2013 01:00:00 AM											0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9
10/27/2013 02:00:00 AM											0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/27/2013 03:00:00 AM											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
10/27/2013 04:00:00 AM											0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9
10/27/2013 05:00:00 AM											0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9
10/27/2013 06:00:00 AM											0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9
10/27/2013 07:00:00 AM											0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9
10/27/2013 08:00:00 AM											0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9
10/27/2013 09:00:00 AM											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
10/27/2013 10:00:00 AM											<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
10/27/2013 11:00:00 AM											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
10/27/2013 12:00:00 PM											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
10/27/2013 01:00:00 PM											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
10/27/2013 02:00:00 PM											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
10/27/2013 03:00:00 PM											<1.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/27/2013 04:00:00 PM											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
10/27/2013 05:00:00 PM											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
10/27/2013 06:00:00 PM											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
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10/27/2013 09:00:00 PM											0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/27/2013 10:00:00 PM											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
10/27/2013 11:00:00 PM											0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/28/2013 12:00:00 AM											0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9

Notes:

A Code 3 was issued for the sink hole work area on 10/25/2013 and continues to remain in effect. Access to ORW-7a and ORW-8a is not allowed during times that a Code 3 is issued; thus, the monitors deployed at these locations on 10/24/2013 remain in place. No data has been collected for ORW-7a and ORW-8a since the battery life of the monitors expired on 10/25/2013. These monitors will be serviced and replaced as soon as the Code 3 is lifted.

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10/27/2013 06:00:00 AM											0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9
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10/27/2013 08:00:00 AM											0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9
10/27/2013 09:00:00 AM											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
10/27/2013 10:00:00 AM											<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
10/27/2013 11:00:00 AM											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
10/27/2013 12:00:00 PM											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
10/27/2013 01:00:00 PM											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
10/27/2013 02:00:00 PM											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
10/27/2013 03:00:00 PM											<1.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/27/2013 04:00:00 PM											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
10/27/2013 05:00:00 PM	No data collected - no access to monitors due to Code 3					No data collected - no access to monitors due to Code 3					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
10/27/2013 06:00:00 PM											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
10/27/2013 07:00:00 PM											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
10/27/2013 08:00:00 PM											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
10/27/2013 09:00:00 PM											0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/27/2013 10:00:00 PM											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
10/27/2013 11:00:00 PM											0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/28/2013 12:00:00 AM											0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/28/2013 01:00:00 AM											0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
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10/28/2013 03:00:00 AM											0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/28/2013 04:00:00 AM											0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/28/2013 05:00:00 AM											0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9

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RESPEC Consulting & Services

Texas Brine, L.L.C.

Assumption Parish, Louisiana

Daily Field Report

Report By: David Gnage

Date: 10/24/13

Company: RESPEC

Job #: 02241

Personnel	Company	Job Title
Nick Marnach	RESPEC	Staff Engineer
Eric Krantz, P.E.	RESPEC	Staff Engineer

Time Onsite: Start Time: 7:20 End Time: 14:00

DAILY ACTIVITY:

Attended Daily Contractor meeting.

DPVE pilot program:

Collected final well measurements. Shipped gas samples.

Instrumentation Program:

Located and marked sites for ARs 24,27,28.

PROPOSED SCHEDULE:

DPVE pilot program:

Demobilize generator and transducers. Begin data analysis.

Instrumentation Program:

Finalize instrumentation map. Install new tilt meter at east tank and return old meter. Coordinate UFPO for new artificial reflector locations. Remove NL200 equipment from trailer. Move IPI-2 location once code level returns to code 1.

Initials: DJG

RESPEC Consulting & Services

Texas Brine, L.L.C.

Assumption Parish, Louisiana

Daily Field Report

Report By: David Gnage

Date: 10/25/13

Company: RESPEC

Job #: 02241

Personnel	Company	Job Title
Nick Marnach	RESPEC	Staff Engineer
Eric Krantz, P.E.	RESPEC	Staff Engineer

Time Onsite: Start Time: 7:30 End Time: 17:00

DAILY ACTIVITY:

Attended Daily Contractor meeting.

DPVE pilot program:

Remove all instrumentation. Finalize system demobilization. Begin data analysis.

Instrumentation Program:

Assist with early warning system.

PROPOSED SCHEDULE:

DPVE pilot program:

Begin data analysis.

Instrumentation Program:

Install new tilt meter at east tank and return old meter. Coordinate UFPO for new artificial reflector locations. Remove NL200 equipment from trailer. Move IPI-2 location once code level returns to code 1.

Initials: DJG

RESPEC Consulting & Services

Texas Brine, L.L.C.

Assumption Parish, Louisiana

Daily Field Report

Report By: David Gnage

Company: RESPEC

Date: 10/27/13

Job #: 02241

Personnel	Company	Job Title
Nick Marnach	RESPEC	Staff Engineer
Eric Krantz, P.E.	RESPEC	Staff Engineer

Time Onsite: Start Time: 7:30 End Time: 17:00

DAILY ACTIVITY:

Attended Daily Contractor meeting.

DPVE pilot program:

Demobilize. Begin data analysis.

Instrumentation Program:

Removed old tilt meter and installed new tilt meter at East brine tank.

PROPOSED SCHEDULE:

DPVE pilot program:

Demobilize. Begin data analysis.

Instrumentation Program:

Install new tilt meter at east tank and return old meter. Coordinate UFPO for new artificial reflector locations. Remove NL200 equipment from trailer. Move IPI-2 location once code level returns to code 1.

Initials: DJG

RESPEC Consulting & Services

Texas Brine, L.L.C.

Assumption Parish, Louisiana

Daily Field Report

Report By: David Gnage

Company: RESPEC

Date: 10/27/13

Job #: 02241

Personnel	Company	Job Title
Nick Marnach	RESPEC	Staff Engineer
Eric Krantz, P.E.	RESPEC	Staff Engineer

Time Onsite: Start Time: 7:30 End Time: 17:00

DAILY ACTIVITY:

Attended Daily Contractor meeting.

DPVE pilot program:

Demobilize. Begin data analysis.

Instrumentation Program:

Meet with Faucheux regarding access to southern locations. Move ARs to trailer for storage. Install solar shielding at tank tilt meter. Reprogrammed CR1000 with new calibration package. Software updates. Finalize instrumentation map.

PROPOSED SCHEDULE:

DPVE pilot program:

Assess future equipment requirements and view visit MK facility.

Instrumentation Program:

Move site 01 and replace transducer pending Code 2 status and work plan approval from Mr. Boudreaux. Check transducer at 89 and adjust antenna at 40 pending Code 2 status. Equipment procurement. Install equipment for measurements in the brine tank expansion joints.

Initials: DJG

ME&A Daily Action Summary

October 25, 2013

Subsidence Survey:

- No Work Done

Sinkhole Perimeter/Hydrographic Survey:

- No Work Done

Support Sinkhole Cleanup

- No Work Done

Misc. Survey Work

- Arrived @ 8:00 am
- Settlement plate survey for DPVE-47
- Benchmark survey
- Departed @ 11:00 am

ME&A Daily Action Summary

October 26, 2013

Subsidence Survey:

- No Work Done

Sinkhole Perimeter/Hydrographic Survey:

- No Work Done

Support Sinkhole Cleanup

- No Work Done

Misc. Survey Work

- Arrived @ 7:00 am
- Settlement plate survey for DPVE-47
- Departed @ 7:30 am

ME&A Daily Action Summary

October 27, 2013

Subsidence Survey:

- No Work Done

Sinkhole Perimeter/Hydrographic Survey:

- No Work Done

Support Sinkhole Cleanup

- No Work Done

Misc. Survey Work

- Arrived @ 7:00 am
- Settlement plate survey for DPVE-47
- Departed @ 7:30 am

Michael Pisani & Associates
Texas Brine, L.L.C.
Assumption Parish, Louisiana
Daily Field Report

Report By: Patrick Ritchie
Company: MP&A

Date: 10/24/2013
Work Order # 80-05

Health and Safety Meeting YES NO

Weather: 78 F Partly Cloudy

<u>Personnel</u>	<u>Company</u>	<u>Job Title</u>
<u>Patrick Ritchie</u>	<u>MP&A</u>	<u>Environmental Scientist</u>

Site Activities: Start Time 10:00 End Time 12:00

Equipment On-site:

Daily Activity:
Meeting with Stella and Maurice regarding the Oxy-3A cavern extraction procedures

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
Download transucer data

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: 10/25/2013

Company: MP&A

Work Order # 80-05

Health and Safety Meeting YES NO

Weather: 81 F Partly Cloudy

Personnel	Company	Job Title
Patrick Ritchie	MP&A	Environmental Scientist
Charles Trahan	MP&A	Geologist
John McGuire	MP&A	Environmental Scientist
Eric Kocken	MP&A	Environmental Scientist

Site Activities: Start Time 8:45 End Time 17:30

Equipment On-site:

Daily Activity:
H2S Training
Collect laboratory sample of hydrocarbon from Oxy-3A
Monitor cavern operations; on stand by for H2S field screening of brine liquids

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
Download transucer data

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: 10/26/2013

Company: MP&A

Work Order # 80-05

Health and Safety Meeting YES NO

Weather: 79 F Partly Cloudy

<u>Personnel</u>	<u>Company</u>	<u>Job Title</u>
<u>Eric Kocken</u>	<u>MP&A</u>	<u>Envrionmental Scientist</u>

Site Activities: Start Time 8:00 End Time 17:30

Equipment On-site:

Daily Activity:
Monitor cavern operations; on stand by for H2S field screening of brine liquids

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
Download transucer data

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
Company: MP&A

Date: 10/27/2013
Work Order # 80-05

Health and Safety Meeting YES NO

Weather: 72 F Partly Cloudy

<u>Personnel</u>	<u>Company</u>	<u>Job Title</u>
<u>John McGuire</u>	<u>MP&A</u>	<u>Envrionmental Scientist</u>

Site Activities: Start Time 7:00 End Time 18:00

Equipment On-site:

Daily Activity:
Monitor cavern operations; on stand by for H2S field screening of brine liquids

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
Download transucer data

Estimated time of completion:
On-going

Initials: PMR