Texas Brine Company, LLC
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November 4, 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 - 07:50 - 10:00, Britt Barnett (Code Red) - 07:00 - 11:00; Bijeet Mukherjee - 07:45 - 11:45, Britt Barnett (Code Red) - 07:00 - 17:00; Steven Shaughnessy - 07:45 - 09:30, Britt Barnett (Code Red) - 07:00 - 11:00	11/1 - 11/3/2013	NA	NA	NA	AreaRAE Monitors	11/2- 11/4/2013
	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	11/1 - 11/3/2013	NA	NA	NA	NA	NA
	Well Gas Sampling	No work performed	11/1 - 11/3/2013	NA	NA	NA	NA	NA
	Under Slab Gas Sampling	No work performed	11/1 - 11/3/2013	NA	NA	NA	NA	NA
	Indoor Air Monitoring	No work performed	11/1 - 11/3/2013	NA	NA	NA	NA	NA
Respec	Inclinometers/Tilt Meters/Transducers	11/1 - 11/3/2213 No work Conducted	NA NA	NA	NA	NA	NA	NA
	InSAR Reflector Installations	11/1 - 11/3/2213 No work Conducted	NA NA	NA	NA	NA	NA	NA
	Subsidence Survey-Fenstermaker	11/1 - 11/3/2213 No work Conducted	NA NA	NA	NA	NA	NA	NA
	Shallow Geophone Installation	11/1 - 11/3/2213 No work Conducted	NA NA	NA	NA	NA	NA	NA
	Deep Geophone Installation	11/1 - 11/3/2213 No work Conducted	NA NA	NA	NA	NA	NA	NA
	Amendment #3, Directive #2	11/1 - 11/3/2213 No work Conducted	NA NA	NA	NA	NA	NA	NA
	Expansion of geoprobe gas sampling locations	11/1 - 11/3/2213 No work Conducted	NA NA	NA	NA	NA	NA	NA
	DPVE Pilot Test	11/1 - 11/3/2213 No work Conducted	NA NA	NA	NA	NA	NA	NA
	MIHPT	11/1 - 11/3/2213 No work Conducted	NA NA	NA	NA	NA	NA	NA
Miller	Weekly Stability Survey	No Work Performed	11/1 - 11/3/2013	NA	NA	NA	NA	NA
	Misc. Survey Work	No Work Performed	11/1 - 11/3/2013	NA	NA	NA	NA	NA
	Sinkhole Hydro/Perimeter Survey	No Work Performed	11/1 - 11/3/2013	NA	NA	NA	NA	NA
Pisani	Surface Water	NA	11/1 - 11/3/2013	NA	NA	NA	NA	NA
	Industrial Well Water	NA	11/1 - 11/3/2013	NA	NA	NA	NA	NA
	MRAA Well Water	NA	11/1 - 11/3/2013	NA	NA	NA	NA	NA
	GP/ORW Water	NA	11/1 - 11/3/2013	NA	NA	NA	NA	NA
	Cavern Fluids	NA	11/1 - 11/3/2013	NA	NA	NA	NA	NA
	Discharge/Outfall Water	NA	11/1 - 11/3/2013	NA	NA	NA	NA	NA
	Geoprobe Wells	NA	11/1 - 11/3/2013	NA	NA	NA	NA	NA

Grand Bayou Well 3A	
Daily Operations at 3A	Summary of Today's events
	Oxy 3A
11/2 - 11/4/2013	7am 673.13 11/2/2013 7am 680.39 11/3/2013 7am 687.42 11/4/2013
	Relief Well #1
11/2 - 11/4/2013	See ORW-01 Flare Spreadsheet

Attachments

Daily Action Summary

November 1, 2013

Stationary Air Monitoring

- Bijeet Mukherjee onsite from 07:45 to 11:45. Changed out the monitors between 08:31 and 09:35. Collected data from the monitoring database and forwarded to Steve Shaughnessy 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: 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, no data is being collected for ORW-7a and ORW-8a at this time.

As discussed in the 10/31/2013 Daily Action Summary, beginning at approximately 16:33 on 10/31/2013, RTU-5, located at ORW-9, did not properly transmit data due to a reception issue. RTU-5 is not equipped with an internal data logger, thus the data could not be retrieved. RTU-5 will no longer be deployed at ORW-9. Additionally, RTU-8, located at Pad #9, recorded elevated H_2S readings from approximately 10:00 to 18:00 on 11/1/2013. The maximum instantaneous reading recorded was 3.5 ppm. During this time, the well located on Pad #9 was being logged.

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 -5					Observation Relief Well - 9					Observation Relief Well -11					South of OG3A-1					Onsite Trailers				
	ORW-5a					ORW-9					ORW-11a					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 (%)
11/01/2013 01:00:00 AM	<1.0	0.0	0.0	0.0	20.9	Data not properly transmitted - see note					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
11/01/2013 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
11/01/2013 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	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/01/2013 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	20.8
11/01/2013 05:00:00 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	20.6
11/01/2013 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	20.6
11/01/2013 07:00:00 AM	<1.0	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	<1.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.6
11/01/2013 08:00:00 AM	<1.0	0.0	0.0	0.0	20.9	<1.0	<1.0	<1.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.7
11/01/2013 09:00:00 AM	<1.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	21.1	0.0	0.0	0.0	0.0	20.9
11/01/2013 10:00:00 AM	0.0	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	20.9	<1.0	<1.0	<1.0	0.0	21.0	0.0	0.0	0.0	0.0	20.9
11/01/2013 11:00:00 AM	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	1.1	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/01/2013 12:00:00 PM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.1	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	2.0	0.0	21.0	0.0	0.0	0.0	0.0	20.9
11/01/2013 01:00:00 PM	0.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.3	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	2.9	0.0	21.2	0.0	0.0	0.0	0.0	20.9
11/01/2013 02:00:00 PM	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.5	<1.0	0.0	<1.0	0.0	21.1	<1.0	0.0	3.2	0.0	21.2	0.0	0.0	0.0	0.0	20.9
11/01/2013 03:00:00 PM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.7	<1.0	0.0	<1.0	0.0	21.3	0.0	0.0	2.9	0.0	21.3	0.0	0.0	0.0	0.0	20.9
11/01/2013 04:00:00 PM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.7	<1.0	0.0	0.0	0.0	21.3	<1.0	0.0	2.0	0.0	21.3	0.0	0.0	0.0	0.0	20.9
11/01/2013 05:00:00 PM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.7	<1.0	0.0	0.0	0.0	21.2	0.0	0.0	<1.0	0.0	21.5	0.0	0.0	0.0	0.0	20.9
11/01/2013 06:00:00 PM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.6	<1.0	<1.0	0.0	0.0	21.0	0.0	0.0	<1.0	0.0	21.4	0.0	0.0	0.0	0.0	20.9
11/01/2013 07:00:00 PM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	<1.0	<1.0	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
11/01/2013 08:00:00 PM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.2	<1.0	1.2	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.3	0.0	0.0	0.0	0.0	20.9
11/01/2013 09:00:00 PM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.0	<1.0	1.3	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	21.3	0.0	0.0	0.0	0.0	20.9
11/01/2013 10:00:00 PM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	1.3	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9
11/01/2013 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	1.3	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9
11/02/2013 12:00:00 AM	0.0	0.0	0.0	0.0	20.6	0.0	0.0	0.0	0.0	20.9	<1.0	1.2	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	21.2	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 no data is being collected for ORW-7a and ORW-8a at this time.
Beginning at approximately 04:33 PM on 10/31/2013, RTU-5, located at ORW-9, did not properly transmit data due to a reception issue. RTU-5 is not equipped with an internal data logger, thus the data could not be retrieved. RTU-5 will no longer be deployed at ORW-9.
RTU-8, located at Pad #9, recorded elevated H2S readings from approximately 10:00 AM to 06:00 PM on 11/1/2013. The maximum instantaneous reading recorded was 3.5 ppm. During this time, the well located on Pad #9 was being logged.

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 -5					Observation Relief Well - 9					Observation Relief Well -11					South of OG3A-1					Onsite Trailers				
	ORW-5a					ORW-9					ORW-11a					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 (%)
11/01/2013 05:00:00 AM	<1.0	0.0	0.0	0.0	20.9	Data not properly transmitted - see note					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	20.6
11/01/2013 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	20.6
11/01/2013 07:00:00 AM	<1.0	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	<1.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.6
11/01/2013 08:00:00 AM	<1.0	0.0	0.0	0.0	20.9	<1.0	<1.0	<1.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.7
11/01/2013 09:00:00 AM	<1.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	21.1	0.0	0.0	0.0	0.0	20.9
11/01/2013 10:00:00 AM	0.0	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	20.9	<1.0	<1.0	<1.0	0.0	21.0	0.0	0.0	0.0	0.0	20.9
11/01/2013 11:00:00 AM	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	1.1	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/01/2013 12:00:00 PM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.1	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	2.0	0.0	21.0	0.0	0.0	0.0	0.0	20.9
11/01/2013 01:00:00 PM	0.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.3	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	2.9	0.0	21.2	0.0	0.0	0.0	0.0	20.9
11/01/2013 02:00:00 PM	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.5	<1.0	0.0	<1.0	0.0	21.1	<1.0	0.0	3.2	0.0	21.2	0.0	0.0	0.0	0.0	20.9
11/01/2013 03:00:00 PM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.7	<1.0	0.0	<1.0	0.0	21.3	0.0	0.0	2.9	0.0	21.3	0.0	0.0	0.0	0.0	20.9
11/01/2013 04:00:00 PM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.7	<1.0	0.0	0.0	0.0	21.3	<1.0	0.0	2.0	0.0	21.3	0.0	0.0	0.0	0.0	20.9
11/01/2013 05:00:00 PM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.7	<1.0	0.0	0.0	0.0	21.2	0.0	0.0	<1.0	0.0	21.5	0.0	0.0	0.0	0.0	20.9
11/01/2013 06:00:00 PM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.6	<1.0	<1.0	0.0	0.0	21.0	0.0	0.0	<1.0	0.0	21.4	0.0	0.0	0.0	0.0	20.9
11/01/2013 07:00:00 PM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	<1.0	<1.0	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
11/01/2013 08:00:00 PM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.2	<1.0	1.2	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.3	0.0	0.0	0.0	0.0	20.9
11/01/2013 09:00:00 PM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.0	<1.0	1.3	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	21.3	0.0	0.0	0.0	0.0	20.9
11/01/2013 10:00:00 PM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	1.3	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9
11/01/2013 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	1.3	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9
11/02/2013 12:00:00 AM	0.0	0.0	0.0	0.0	20.6	0.0	0.0	0.0	0.0	20.9	<1.0	1.2	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9
11/02/2013 01:00:00 AM	0.0	0.0	0.0	0.0	20.6	0.0	0.0	0.0	0.0	20.9	<1.0	1.5	<1.0	0.0	20.9	<1.0	<1.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9
11/02/2013 02:00:00 AM	0.0	0.0	0.0	0.0	20.6	0.0	0.0	0.0	0.0	20.9	<1.0	1.5	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9
11/02/2013 03:00:00 AM	0.0	0.0	0.0	0.0	20.6	0.0	0.0	0.0	0.0	20.9	<1.0	1.5	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9
11/02/2013 04:00:00 AM	0.0	0.0	0.0	0.0	20.6	0.0	0.0	0.0	0.0	20.9	<1.0	1.4	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9
11/02/2013 05:00:00 AM	0.0	0.0	0.0	0.0	20.6	0.0	0.0	0.0	0.0	20.9	<1.0	1.3	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.2	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 no data is being collected for ORW-7a and ORW-8a at this time.
Beginning at approximately 04:33 PM on 10/31/2013, RTU-5, located at ORW-9, did not properly transmit data due to a reception issue. RTU-5 is not equipped with an internal data logger, thus the data could not be retrieved. RTU-5 will no longer be deployed at ORW-9.
RTU-8, located at Pad #9, recorded elevated H2S readings from approximately 10:00 AM to 06:00 PM on 11/1/2013. The maximum instantaneous reading recorded was 3.5 ppm. During this time, the well located on Pad #9 was being logged.

Daily Action Summary

November 2, 2013

Stationary Air Monitoring

- Bijeet Mukherjee onsite from 07:50 to 10:00. Changed out the monitors between 08:46 and 09:26. Collected data from the monitoring database and forwarded to Eric Rucinski 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, no data is being collected for ORW-7a and ORW-8a at this time.

Additionally, RTU-9, located at ORW-9, began recording elevated VOC readings at approximately 21:00 on 11/02/2013. RTU-2 replaced RTU-9 at 08:23 on 11/03/2013, and readings returned to normal. RTU-9 will be inspected and serviced by onsite technician as necessary.

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 -5					Observation Relief Well - 9					Observation Relief Well -11					South of OG3A-1					Onsite Trailers				
	ORW-5a					ORW-9					ORW-11a					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 (%)
11/02/2013 01:00:00 AM	0.0	0.0	0.0	0.0	20.6	0.0	0.0	0.0	0.0	20.9	<1.0	1.5	<1.0	0.0	20.9	<1.0	<1.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9
11/02/2013 02:00:00 AM	0.0	0.0	0.0	0.0	20.6	0.0	0.0	0.0	0.0	20.9	<1.0	1.5	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9
11/02/2013 03:00:00 AM	0.0	0.0	0.0	0.0	20.6	0.0	0.0	0.0	0.0	20.9	<1.0	1.5	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9
11/02/2013 04:00:00 AM	0.0	0.0	0.0	0.0	20.6	0.0	0.0	0.0	0.0	20.9	<1.0	1.4	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9
11/02/2013 05:00:00 AM	0.0	0.0	0.0	0.0	20.6	0.0	0.0	0.0	0.0	20.9	<1.0	1.3	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9
11/02/2013 06:00:00 AM	0.0	0.0	0.0	0.0	20.6	0.0	0.0	0.0	0.0	20.9	<1.0	1.2	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9
11/02/2013 07:00:00 AM	0.0	0.0	0.0	0.0	20.6	0.0	0.0	0.0	0.0	20.9	<1.0	1.2	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9
11/02/2013 08:00:00 AM	0.0	0.0	0.0	0.0	20.5	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	21.0	0.0	0.0	0.0	0.0	20.9
11/02/2013 09:00:00 AM	<1.0	0.0	<1.0	0.0	20.7	0.0	<1.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/02/2013 10:00:00 AM	0.0	<1.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	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
11/02/2013 11:00:00 AM	0.0	<1.0	<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	<1.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9
11/02/2013 12:00:00 PM	0.0	<1.0	<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	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/02/2013 01:00:00 PM	0.0	<1.0	<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	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/02/2013 02:00:00 PM	0.0	<1.0	<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	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/02/2013 03:00:00 PM	0.0	<1.0	<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	<1.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/02/2013 04:00:00 PM	0.0	<1.0	<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	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/02/2013 05:00:00 PM	0.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.0	<1.0	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
11/02/2013 06:00:00 PM	0.0	<1.0	<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	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/02/2013 07:00:00 PM	0.0	<1.0	<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	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/02/2013 08:00:00 PM	0.0	<1.0	<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	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/02/2013 09:00:00 PM	0.0	<1.0	<1.0	0.0	20.9	0.0	10.4	0.0	0.0	20.9	<1.0	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
11/02/2013 10:00:00 PM	0.0	<1.0	<1.0	0.0	20.9	0.0	18.9	0.0	0.0	20.9	<1.0	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
11/02/2013 11:00:00 PM	0.0	<1.0	<1.0	0.0	20.9	0.0	22.9	0.0	0.0	20.9	<1.0	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
11/03/2013 12:00:00 AM	0.0	<1.0	<1.0	0.0	20.9	0.0	30.4	0.0	0.0	20.9	<1.0	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:
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 no data is being collected for ORW-7a and ORW-8a at this time.
RTU-9, located at ORW-9, began recording elevated VOC readings at approximately 09:00 PM on 11/02/2013. RTU-2 replaced RTU-9 at 08:23 AM on 11/03/2013, and readings returned to normal. RTU-9 will be inspected and serviced by onsite technician as necessary.

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 -5					Observation Relief Well - 9					Observation Relief Well -11					South of OG3A-1					Onsite Trailers				
	ORW-5a					ORW-9					ORW-11a					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 (%)
11/02/2013 05:00:00 AM	0.0	0.0	0.0	0.0	20.6	0.0	0.0	0.0	0.0	20.9	<1.0	1.3	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9
11/02/2013 06:00:00 AM	0.0	0.0	0.0	0.0	20.6	0.0	0.0	0.0	0.0	20.9	<1.0	1.2	0.0	0.0	20.9	0.0	0.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9
11/02/2013 07:00:00 AM	0.0	0.0	0.0	0.0	20.6	0.0	0.0	0.0	0.0	20.9	<1.0	1.2	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9
11/02/2013 08:00:00 AM	0.0	0.0	0.0	0.0	20.5	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	21.0	0.0	0.0	0.0	0.0	20.9
11/02/2013 09:00:00 AM	<1.0	0.0	<1.0	0.0	20.7	0.0	<1.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/02/2013 10:00:00 AM	0.0	<1.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	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
11/02/2013 11:00:00 AM	0.0	<1.0	<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	<1.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9
11/02/2013 12:00:00 PM	0.0	<1.0	<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	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/02/2013 01:00:00 PM	0.0	<1.0	<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	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/02/2013 02:00:00 PM	0.0	<1.0	<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	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/02/2013 03:00:00 PM	0.0	<1.0	<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	<1.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/02/2013 04:00:00 PM	0.0	<1.0	<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	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/02/2013 05:00:00 PM	0.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.0	<1.0	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
11/02/2013 06:00:00 PM	0.0	<1.0	<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	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/02/2013 07:00:00 PM	0.0	<1.0	<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	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/02/2013 08:00:00 PM	0.0	<1.0	<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	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/02/2013 09:00:00 PM	0.0	<1.0	<1.0	0.0	20.9	0.0	10.4	0.0	0.0	20.9	<1.0	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
11/02/2013 10:00:00 PM	0.0	<1.0	<1.0	0.0	20.9	0.0	18.9	0.0	0.0	20.9	<1.0	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
11/02/2013 11:00:00 PM	0.0	<1.0	<1.0	0.0	20.9	0.0	22.9	0.0	0.0	20.9	<1.0	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
11/03/2013 12:00:00 AM	0.0	<1.0	<1.0	0.0	20.9	0.0	30.4	0.0	0.0	20.9	<1.0	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
11/03/2013 01:00:00 AM	0.0	<1.0	<1.0	0.0	20.9	0.0	38.5	0.0	0.0	20.9	<1.0	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
11/03/2013 02:00:00 AM	0.0	<1.0	<1.0	0.0	20.9	0.0	34.8	0.0	0.0	20.9	<1.0	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
11/03/2013 03:00:00 AM	0.0	<1.0	<1.0	0.0	20.9	0.0	26.7	0.0	0.0	20.9	<1.0	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
11/03/2013 04:00:00 AM	Data not properly transmitted due to computer malfunction					0.0	29.0	0.0	0.0	20.9	Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction				
11/03/2013 05:00:00 AM						0.0	23.1	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 no data is being collected for ORW-7a and ORW-8a at this time.
Beginning at approximately 03:21 AM on 11/03/2013, data was not properly transmitted due to a computer malfunction. RTU-9, located at ORW-9, is equipped with an internal data logger, thus this data was able to be retrieved. Efforts are being made so that all units will be equipped with internal data loggers.
RTU-9, located at ORW-9, began recording elevated VOC readings at approximately 09:00 PM on 11/02/2013. RTU-2 replaced RTU-9 at 08:23 AM on 11/03/2013, and readings returned to normal. RTU-9 will be inspected and serviced by onsite technician as necessary.

Daily Action Summary

November 3, 2013

Stationary Air Monitoring

- Steven Shaughnessy onsite from 07:45 to 09:30. Changed out the monitors between 08:23 and 09:11. Collected data from the monitoring database and forwarded to Eric Rucinski 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, no data is being collected for ORW-7a and ORW-8a at this time.

As discussed on the 11/02/2013 Daily Action Summary, RTU-9, located at ORW-9, began recording elevated VOC readings at approximately 21:00 on 11/02/2013. RTU-2 replaced RTU-9 at 08:23 on 11/03/2013, and readings returned to normal. RTU-9 will be inspected and serviced by onsite technician as necessary. Additionally, beginning at approximately 03:21 AM and 10:35 AM on 11/03/2013, data was not properly transmitted due to a computer malfunction. Available data was retrieved from deployed units equipped with internal data loggers. Efforts are being made so that all units will be equipped with internal data loggers. Additionally, a new monitoring computer has been ordered.

Also, time was manually adjusted from 08:57 AM to 07:57 AM on 11/03/2013 to account for the end of daylight saving time. The additional hour of data is not available due to the computer malfunction.

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 -5					Observation Relief Well - 9					Observation Relief Well -11					South of OG3A-1					Onsite Trailers				
	ORW-5a					ORW-9					ORW-11a					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 (%)
11/03/2013 01:00:00 AM	0.0	<1.0	<1.0	0.0	20.9	0.0	38.5	0.0	0.0	20.9	<1.0	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
11/03/2013 02:00:00 AM	0.0	<1.0	<1.0	0.0	20.9	0.0	34.8	0.0	0.0	20.9	<1.0	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
11/03/2013 03:00:00 AM	0.0	<1.0	<1.0	0.0	20.9	0.0	26.7	0.0	0.0	20.9	<1.0	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
11/03/2013 04:00:00 AM						0.0	29.0	0.0	0.0	20.9															
11/03/2013 05:00:00 AM	Data not properly transmitted due to computer malfunction					0.0	23.1	0.0	0.0	20.9	Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction				
11/03/2013 06:00:00 AM						0.0	32.7	0.0	0.0	20.9															
11/03/2013 07:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	36.9	0.0	0.0	20.9	<1.0	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
11/03/2013 08:00:00 AM	0.0	<1.0	0.0	0.0	20.9	0.0	16.3	0.0	0.0	20.9	<1.0	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
11/03/2013 09:00:00 AM	<1.0	<1.0	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
11/03/2013 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	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/03/2013 11:00:00 AM						0.0	0.0	0.0	0.0	20.9											0.0	0.0	0.0	0.0	20.9
11/03/2013 12:00:00 PM						0.0	0.0	0.0	0.0	20.9											0.0	0.0	0.0	0.0	20.9
11/03/2013 01:00:00 PM						0.0	0.0	0.0	0.0	21.0											0.0	0.0	0.0	0.0	20.9
11/03/2013 02:00:00 PM						0.0	0.0	0.0	0.0	20.9											0.0	0.0	0.0	0.0	20.9
11/03/2013 03:00:00 PM						0.0	0.0	0.0	0.0	21.1											0.0	0.0	0.0	0.0	20.9
11/03/2013 04:00:00 PM						0.0	0.0	0.0	0.0	21.3											0.0	0.0	0.0	0.0	20.9
11/03/2013 05:00:00 PM						0.0	0.0	0.0	0.0	21.3											0.0	0.0	0.0	0.0	20.9
11/03/2013 06:00:00 PM	Data not properly transmitted due to computer malfunction					0.0	0.0	0.0	0.0	21.3	Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					0.0	0.0	0.0	0.0	20.9
11/03/2013 07:00:00 PM						0.0	0.0	0.0	0.0	21.2											0.0	0.0	0.0	0.0	20.9
11/03/2013 08:00:00 PM						0.0	0.0	0.0	0.0	21.1											0.0	0.0	0.0	0.0	20.9
11/03/2013 09:00:00 PM						0.0	0.0	0.0	0.0	20.9											0.0	0.0	0.0	0.0	20.9
11/03/2013 10:00:00 PM						0.0	0.0	0.0	0.0	20.9											0.0	0.0	0.0	0.0	20.9
11/03/2013 11:00:00 PM						0.0	0.0	0.0	0.0	20.9											0.0	0.0	0.0	0.0	20.9
11/04/2013 12:00:00 AM						0.0	0.0	0.0	0.0	20.9											0.0	0.0	0.0	0.0	20.9

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 no data is being collected for ORW-7a and ORW-8a at this time.
RTU-9, located at ORW-9, began recording elevated VOC readings at approximately 09:00 PM on 11/02/2013. RTU-2 replaced RTU-9 at 08:23 AM on 11/03/2013, and readings returned to normal. RTU-9 will be inspected and serviced by onsite technician as necessary.
Beginning at approximately 03:21 AM and 10:35 AM on 11/03/2013, data was not properly transmitted due to a computer malfunction. Available data was retrieved from deployed units equipped with internal data loggers. Efforts are being made so that all units will be equipped with internal data loggers. Additionally, a new monitoring computer has been ordered.
Time was manually adjusted from 08:57 AM to 07:57 AM on 11/03/2013 to account for the end of daylight saving time. The additional hour of data is not available due to the computer malfunction.

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 -5					Observation Relief Well - 9					Observation Relief Well -11					South of OG3A-1					Onsite Trailers				
	ORW-5a					ORW-9					ORW-11a					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 (%)
11/03/2013 05:00:00 AM	Data not properly transmitted due to computer malfunction					0.0	23.1	0.0	0.0	20.9	Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction				
11/03/2013 06:00:00 AM						0.0	32.7	0.0	0.0	20.9															
11/03/2013 07:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	36.9	0.0	0.0	20.9	<1.0	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
11/03/2013 08:00:00 AM	0.0	<1.0	0.0	0.0	20.9	0.0	16.3	0.0	0.0	20.9	<1.0	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
11/03/2013 09:00:00 AM	<1.0	<1.0	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
11/03/2013 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	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/03/2013 11:00:00 AM						0.0	0.0	0.0	0.0	20.9											0.0	0.0	0.0	0.0	20.9
11/03/2013 12:00:00 PM						0.0	0.0	0.0	0.0	20.9											0.0	0.0	0.0	0.0	20.9
11/03/2013 01:00:00 PM						0.0	0.0	0.0	0.0	21.0											0.0	0.0	0.0	0.0	20.9
11/03/2013 02:00:00 PM						0.0	0.0	0.0	0.0	20.9											0.0	0.0	0.0	0.0	20.9
11/03/2013 03:00:00 PM						0.0	0.0	0.0	0.0	21.1											0.0	0.0	0.0	0.0	20.9
11/03/2013 04:00:00 PM						0.0	0.0	0.0	0.0	21.3											0.0	0.0	0.0	0.0	20.9
11/03/2013 05:00:00 PM						0.0	0.0	0.0	0.0	21.3											0.0	0.0	0.0	0.0	20.9
11/03/2013 06:00:00 PM						0.0	0.0	0.0	0.0	21.3											0.0	0.0	0.0	0.0	20.9
11/03/2013 07:00:00 PM						0.0	0.0	0.0	0.0	21.2											0.0	0.0	0.0	0.0	20.9
11/03/2013 08:00:00 PM	Data not properly transmitted due to computer malfunction					0.0	0.0	0.0	0.0	21.1	Data not properly transmitted due to computer malfunction					Data not properly transmitted due to computer malfunction					0.0	0.0	0.0	0.0	20.9
11/03/2013 09:00:00 PM						0.0	0.0	0.0	0.0	20.9											0.0	0.0	0.0	0.0	20.9
11/03/2013 10:00:00 PM						0.0	0.0	0.0	0.0	20.9											0.0	0.0	0.0	0.0	20.9
11/03/2013 11:00:00 PM						0.0	0.0	0.0	0.0	20.9											0.0	0.0	0.0	0.0	20.9
11/04/2013 12:00:00 AM						0.0	0.0	0.0	0.0	20.9											0.0	0.0	0.0	0.0	20.9
11/04/2013 01:00:00 AM						0.0	0.0	0.0	0.0	20.9											0.0	0.0	0.0	0.0	20.9
11/04/2013 02:00:00 AM						0.0	0.0	0.0	0.0	20.9											0.0	0.0	0.0	0.0	20.9
11/04/2013 03:00:00 AM						0.0	0.0	0.0	0.0	20.9											0.0	0.0	0.0	0.0	20.9
11/04/2013 04:00:00 AM						0.0	0.0	0.0	0.0	20.9											0.0	0.0	0.0	0.0	20.9
11/04/2013 05:00:00 AM						0.0	0.0	0.0	0.0	20.9											0.0	0.0	0.0	0.0	20.9

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RESPEC Consulting & Services

Texas Brine, L.L.C.

Assumption Parish, Louisiana

Daily Field Report

Report By: David Gnage

Company: RESPEC

Date: 11/1/13

Job #: 02241

Personnel	Company	Job Title

Time Onsite: Start Time: NA End Time: NA

DAILY ACTIVITY:

No Field Work Conducted. RESPEC was not on-site

Instrumentation program:

PROPOSED SCHEDULE:

Instrumentation program:
No work Scheduled

Other Work:
P. Smith will be on site the week of 11/4.

Initials: DJG

RESPEC Consulting & Services

Texas Brine, L.L.C.

Assumption Parish, Louisiana

Daily Field Report

Report By: David Gnage

Company: RESPEC

Date: 11/2/13

Job #: 02241

Personnel	Company	Job Title

Time Onsite: Start Time: NA End Time: NA

DAILY ACTIVITY:

No Field Work Conducted. RESPEC was not on-site

Instrumentation program:

PROPOSED SCHEDULE:

Instrumentation program:
No work Scheduled

Other Work:
P. Smith will be on site the week of 11/4.

Initials: DJG

RESPEC Consulting & Services

Texas Brine, L.L.C.

Assumption Parish, Louisiana

Daily Field Report

Report By: David Gnage

Company: RESPEC

Date: 11/3/13

Job #: 02241

Personnel	Company	Job Title

Time Onsite: Start Time: NA End Time: NA

DAILY ACTIVITY:

No Field Work Conducted. RESPEC was not on-site

Instrumentation program:

PROPOSED SCHEDULE:

Instrumentation program:
No work Scheduled

Other Work:
P. Smith will be on site the week of 11/4.

Initials: DJG