



Texas Brine Company, LLC

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November 21, 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	08:20 Britt Barnett (Code Red) - 07:00 - 17:00 Neighborhood: Steven Shaughnessy - 07:50 - 08:30 Chad Deshotel (Code Red) - 00:00 - 06:00, 18:00 - 24:00 Roxana Dubose (Code Red) - 06:00 - 18:00		11/20/2013		NA	NA	NA	NA	11/21/2013
	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		11/20/2013		NA	NA	NA	NA	NA
	Well Gas Sampling	No work performed		11/20/2013		NA	NA	NA	NA	NA
	Under Slab Gas Sampling	No work performed		11/20/2013		NA	NA	NA	NA	NA
	Indoor Air Monitoring	No work performed		11/20/2013		NA	NA	NA	NA	NA
Respec	Inclinometers/Tilt Meters/Transducers	11/20/2013	No work Conducted		NA	NA	NA	NA	NA	NA
	InSAR Reflector Installations	11/20/2013	No work Conducted		NA	NA	NA	NA	NA	NA
	Subsidence Survey-Fenstermaker	11/20/2013	No work Conducted		NA	NA	NA	NA	NA	NA
	Shallow Geophone Installation	11/20/2013	No work Conducted		NA	NA	NA	NA	NA	NA
	Deep Geophone Installation	11/20/2013	No work Conducted		NA	NA	NA	NA	NA	NA
	Amendment #3, Directive #2	11/20/2013	No work Conducted		NA	NA	NA	NA	NA	NA
	Expansion of geoprobe gas sampling locations	11/20/2013	No work Conducted		NA	NA	NA	NA	NA	NA
	DPVE	11/20/2013	No work Conducted		NA	NA	NA	NA	NA	NA
	Abandon Casing Survey	11/20/2013	No work Conducted		NA	NA	NA	NA	NA	NA
	MIHPT	11/20/2013	No work Conducted		NA	NA	NA	NA	NA	NA
Miller	Weekly Stability Survey	K. Pichoff		November 20, 2013		NA	NA	NA	NA	NA
	Misc. Survey Work	K. Pichoff		November 20, 2013		NA	NA	NA	NA	NA
	Sinkhole Hydro/Perimeter Survey	No work performed		November 20, 2013		NA	NA	NA	NA	NA
Pisani	Surface Water	NA		November 20, 2013		NA	NA	NA	NA	NA
	Sinkhole	NA		November 20, 2013		NA	NA	NA	NA	NA
	Industrial Well Water	NA		November 20, 2013		NA	NA	NA	NA	NA
	MRAA Well Water	NA		November 20, 2013		NA	NA	NA	NA	NA
	GP/ORW Water	NA		November 20, 2013		NA	NA	NA	NA	NA
	Cavern Water	NA		November 20, 2013		NA	NA	NA	NA	NA
	Discharge/Outfall Water	NA		November 20, 2013		NA	NA	NA	NA	NA
	Geoprobe Wells	NA		November 20, 2013		NA	NA	NA	NA	NA
Grand Bayou Well 3A										
Summary of Today's events										
Oxy 3A										
Daily Operations at 3A		7am	840.23	11/21/2013						
Relief Well #1										
See ORW-01 Flare Spreadsheet										

Attachments

Daily Action Summary

November 20, 2013

Stationary Air Monitoring

Sinkhole Perimeter Air Monitoring

- Bijet Mukherjee onsite from 07:30 to 08:20. Changed out the monitors between 07:52 and 08:10. 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 17:00. Assisted in battery change outs and maintenance of the monitoring equipment.

Neighborhood ORWs Air Monitoring

- Steven Shaughnessy onsite from 07:50 to 08:30. Changed out the monitors between 07:45 and 08:08. Collected data from the monitoring database and forwarded to Eric Rucinski in the Baton Rouge office for processing.
- Code Red (monitor sub-contractor) onsite for continuous 24/7 monitoring:
 - Chad Deshotel onsite from 0:00 to 06:00 and 18:00 to 24:00
 - Roxana Dubose of Code Red onsite from 06:00 to 18:00.

Technicians also assisted in battery change outs and maintenance of the monitoring equipment 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
Neighborhood Monitoring

*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 -49 at the Well Head			Observation Relief Well - 49 in the Exclusion Zone			Observation Relief Well - 50 in the Exclusion Zone			Observation Relief Well - 50 in the Exclusion Zone		
	ORW-49-WH			ORW-49-S			ORW-50-S			ORW-50-S		
	H2S (ppm)	LEL (%)	O2 (%)	H2S (ppm)	LEL (%)	O2 (%)	H2S (ppm)	LEL (%)	O2 (%)	H2S (ppm)	LEL (%)	O2 (%)
11/20/2013 01:00:00 AM	0.0	0.0	21.0	0.0	0.0	21.0	Initial Monitor Deployment at 07:45 AM on 11/20/2013			Initial Monitor Deployment at 07:45 AM on 11/20/2013		
11/20/2013 02:00:00 AM	0.0	0.0	21.0	0.0	0.0	21.0						
11/20/2013 03:00:00 AM	0.0	0.0	21.0	0.0	0.0	21.0						
11/20/2013 04:00:00 AM	0.0	0.0	21.0	0.0	0.0	21.0						
11/20/2013 05:00:00 AM	0.0	0.0	21.0	0.0	0.0	21.0						
11/20/2013 06:00:00 AM	0.0	0.0	21.0	0.0	0.0	21.0						
11/20/2013 07:00:00 AM	0.0	0.0	21.0	0.0	0.0	21.0						
11/20/2013 08:00:00 AM	0.0	0.0	21.0	<1.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 09:00:00 AM	0.0	0.0	21.0	<1.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 10:00:00 AM	0.0	0.0	21.0	<1.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 11:00:00 AM	0.0	0.0	21.0	<1.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 12:00:00 PM	0.0	0.0	21.0	<1.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 01:00:00 PM	0.0	0.0	21.0	<1.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 02:00:00 PM	0.0	0.0	21.0	<1.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 03:00:00 PM	0.0	0.0	21.0	<1.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 04:00:00 PM	0.0	0.0	21.0	<1.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 05:00:00 PM	0.0	0.0	21.0	<1.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 06:00:00 PM	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 07:00:00 PM	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 08:00:00 PM	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 09:00:00 PM	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 10:00:00 PM	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 11:00:00 PM	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/21/2013 12:00:00 AM	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0

Notes:

Texas Brine - Belle Rose, Louisiana
Hourly Air Monitoring Data
Sinkhole Perimeter Monitoring

*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 -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				
	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 (%)
11/20/2013 01:00:00 AM	<1.0	<1.0	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	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/20/2013 02:00:00 AM	0.0	<1.0	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	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/20/2013 03:00:00 AM	<1.0	<1.0	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	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
11/20/2013 04:00:00 AM	<1.0	<1.0	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	0.0	0.0	<1.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9
11/20/2013 05:00:00 AM	<1.0	<1.0	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	0.0	0.0	<1.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9
11/20/2013 06:00:00 AM	<1.0	<1.0	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	0.0	0.0	<1.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9
11/20/2013 07:00:00 AM	<1.0	<1.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.7	0.0	0.0	<1.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9
11/20/2013 08:00:00 AM	<1.0	<1.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	21.3	<1.0	0.0	0.0	0.0	20.9
11/20/2013 09:00:00 AM	0.0	0.0	0.0	0.0	21.4	0.0	<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	21.4	<1.0	<1.0	0.0	0.0	20.9
11/20/2013 10:00:00 AM	0.0	0.0	0.0	0.0	21.6	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.5	0.0	0.0	0.0	0.0	20.9
11/20/2013 11:00:00 AM	0.0	0.0	0.0	0.0	21.8	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.6	0.0	0.0	0.0	0.0	20.9
11/20/2013 12:00:00 PM	0.0	0.0	0.0	0.0	22.0	0.0	<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	21.6	<1.0	0.0	0.0	0.0	20.9
11/20/2013 01:00:00 PM	0.0	0.0	0.0	0.0	22.1	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	21.0	0.0	0.0	0.0	0.0	21.6	0.0	0.0	0.0	0.0	20.9
11/20/2013 02:00:00 PM	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	21.2	0.0	0.0	0.0	0.0	21.6	0.0	0.0	0.0	0.0	20.9
11/20/2013 03:00:00 PM	0.0	0.0	0.0	0.0	21.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	21.2	0.0	0.0	0.0	0.0	21.7	0.0	0.0	0.0	0.0	20.9
11/20/2013 04:00:00 PM	0.0	0.0	0.0	0.0	21.8	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	21.2	0.0	0.0	0.0	0.0	21.7	0.0	0.0	0.0	0.0	20.9
11/20/2013 05:00:00 PM	0.0	0.0	0.0	0.0	21.7	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	21.6	<1.0	0.0	0.0	0.0	20.9
11/20/2013 06:00:00 PM	0.0	0.0	0.0	0.0	21.5	0.0	<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	21.6	0.0	0.0	0.0	0.0	20.9
11/20/2013 07:00:00 PM	0.0	0.0	0.0	0.0	21.5	0.0	<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	21.5	<1.0	0.0	0.0	0.0	20.9
11/20/2013 08:00:00 PM	0.0	0.0	0.0	0.0	21.4	0.0	<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	21.5	0.0	<1.0	0.0	0.0	20.9
11/20/2013 09:00:00 PM	0.0	0.0	0.0	0.0	21.4	0.0	<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	21.5	0.0	<1.0	0.0	0.0	20.9
11/20/2013 10:00:00 PM	0.0	0.0	0.0	0.0	21.4	0.0	<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	21.5	0.0	<1.0	0.0	0.0	20.9
11/20/2013 11:00:00 PM	0.0	0.0	0.0	0.0	21.4	0.0	<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	21.4	0.0	<1.0	0.0	0.0	20.9
11/21/2013 12:00:00 AM	0.0	0.0	0.0	0.0	21.4	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	0.0	<1.0	0.0	0.0	20.9

Notes:

Texas Brine - Belle Rose, Louisiana
Hourly Air Monitoring Data
Neighborhood Monitoring

*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 -49 at the Well Head			Observation Relief Well - 49 in the Exclusion Zone			Observation Relief Well - 50 in the Exclusion Zone			Observation Relief Well - 50 in the Exclusion Zone		
	ORW-49-WH			ORW-49-S			ORW-50-S			ORW-50-S		
	H2S (ppm)	LEL (%)	O2 (%)	H2S (ppm)	LEL (%)	O2 (%)	H2S (ppm)	LEL (%)	O2 (%)	H2S (ppm)	LEL (%)	O2 (%)
11/20/2013 05:00:00 AM	0.0	0.0	21.0	0.0	0.0	21.0	Initial Monitor Deployment at 07:45 AM on 11/20/2013			Initial Monitor Deployment at 07:45 AM on 11/20/2013		
11/20/2013 06:00:00 AM	0.0	0.0	21.0	0.0	0.0	21.0						
11/20/2013 07:00:00 AM	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 08:00:00 AM	0.0	0.0	21.0	<1.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 09:00:00 AM	0.0	0.0	21.0	<1.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 10:00:00 AM	0.0	0.0	21.0	<1.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 11:00:00 AM	0.0	0.0	21.0	<1.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 12:00:00 PM	0.0	0.0	21.0	<1.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 01:00:00 PM	0.0	0.0	21.0	<1.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 02:00:00 PM	0.0	0.0	21.0	<1.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 03:00:00 PM	0.0	0.0	21.0	<1.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 04:00:00 PM	0.0	0.0	21.0	<1.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 05:00:00 PM	0.0	0.0	21.0	<1.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 06:00:00 PM	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 07:00:00 PM	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 08:00:00 PM	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 09:00:00 PM	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 10:00:00 PM	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/20/2013 11:00:00 PM	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/21/2013 12:00:00 AM	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/21/2013 01:00:00 AM	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/21/2013 02:00:00 AM	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/21/2013 03:00:00 AM	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/21/2013 04:00:00 AM	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0
11/21/2013 05:00:00 AM	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0	0.0	0.0	21.0

Notes:

Texas Brine - Belle Rose, Louisiana
Hourly Air Monitoring Data
Sinkhole Perimeter Monitoring

*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 -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				
	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 (%)
11/20/2013 05:00:00 AM	<1.0	<1.0	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	0.0	0.0	<1.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9
11/20/2013 06:00:00 AM	<1.0	<1.0	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	0.0	0.0	<1.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9
11/20/2013 07:00:00 AM	<1.0	<1.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.7	0.0	0.0	<1.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9
11/20/2013 08:00:00 AM	<1.0	<1.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	21.3	<1.0	<1.0	0.0	0.0	20.9
11/20/2013 09:00:00 AM	0.0	0.0	0.0	0.0	21.4	0.0	<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	21.4	<1.0	<1.0	0.0	0.0	20.9
11/20/2013 10:00:00 AM	0.0	0.0	0.0	0.0	21.6	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.5	0.0	0.0	0.0	0.0	20.9
11/20/2013 11:00:00 AM	0.0	0.0	0.0	0.0	21.8	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.6	0.0	0.0	0.0	0.0	20.9
11/20/2013 12:00:00 PM	0.0	0.0	0.0	0.0	22.0	0.0	<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	21.6	<1.0	0.0	0.0	0.0	20.9
11/20/2013 01:00:00 PM	0.0	0.0	0.0	0.0	22.1	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	21.0	0.0	0.0	0.0	0.0	21.6	0.0	0.0	0.0	0.0	20.9
11/20/2013 02:00:00 PM	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	21.2	0.0	0.0	0.0	0.0	21.6	0.0	0.0	0.0	0.0	20.9
11/20/2013 03:00:00 PM	0.0	0.0	0.0	0.0	21.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	21.2	0.0	0.0	0.0	0.0	21.7	0.0	0.0	0.0	0.0	20.9
11/20/2013 04:00:00 PM	0.0	0.0	0.0	0.0	21.8	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	21.2	0.0	0.0	0.0	0.0	21.7	0.0	0.0	0.0	0.0	20.9
11/20/2013 05:00:00 PM	0.0	0.0	0.0	0.0	21.7	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	21.6	<1.0	0.0	0.0	0.0	20.9
11/20/2013 06:00:00 PM	0.0	0.0	0.0	0.0	21.5	0.0	<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	21.6	0.0	0.0	0.0	0.0	20.9
11/20/2013 07:00:00 PM	0.0	0.0	0.0	0.0	21.5	0.0	<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	21.5	<1.0	0.0	0.0	0.0	20.9
11/20/2013 08:00:00 PM	0.0	0.0	0.0	0.0	21.4	0.0	<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	21.5	0.0	<1.0	0.0	0.0	20.9
11/20/2013 09:00:00 PM	0.0	0.0	0.0	0.0	21.4	0.0	<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	21.5	0.0	<1.0	0.0	0.0	20.9
11/20/2013 10:00:00 PM	0.0	0.0	0.0	0.0	21.4	0.0	<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	21.5	0.0	<1.0	0.0	0.0	20.9
11/20/2013 11:00:00 PM	0.0	0.0	0.0	0.0	21.4	0.0	<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	21.4	0.0	<1.0	0.0	0.0	20.9
11/21/2013 12:00:00 AM	0.0	0.0	0.0	0.0	21.4	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	0.0	<1.0	0.0	0.0	20.9
11/21/2013 01:00:00 AM	0.0	0.0	0.0	0.0	21.3	0.0	<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	21.4	0.0	<1.0	0.0	0.0	20.9
11/21/2013 02:00:00 AM	0.0	0.0	0.0	0.0	21.3	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	0.0	<1.0	0.0	0.0	20.9
11/21/2013 03:00:00 AM	0.0	0.0	0.0	0.0	21.3	0.0	<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	21.4	<1.0	<1.0	0.0	0.0	20.9
11/21/2013 04:00:00 AM	0.0	0.0	0.0	0.0	21.3	0.0	<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	21.5	0.0	<1.0	0.0	0.0	20.9
11/21/2013 05:00:00 AM	0.0	0.0	0.0	0.0	21.3	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.4	0.0	<1.0	0.0	0.0	20.9

Notes:

RESPEC Consulting & Services

Texas Brine, L.L.C.

Assumption Parish, Louisiana

Daily Field Report

Report By: David Gnage

Date: 11/20/13

Company: RESPEC

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:

No Work Conducted.

Other Programs:

No Work Conducted.

PROPOSED SCHEDULE:

Instrumentation Program:

No Work Currently Scheduled.

Other Programs:

Installation of a passive vent well at bubble site #56 is scheduled for the week of December 2nd.

Initials: DJG

ME&A Daily Action Summary

November 20, 2013

Subsidence Survey:

- Surveyed Subsidence Points around Brine Tanks

Sinkhole Perimeter/Hydrographic Survey:

- No Work Done

Support Sinkhole Cleanup

- No Work Done

Misc. Survey Work

- Arrived @ 8:30 am
- Surveyed Containment Berm Settlement Plates
- Surveyed South Berm Settlement Rods
- Surveyed North Access Road Settlement Points
- Surveyed DPVE 47 Settlement Points
- Departed @ 11:00 am