Texas Brine Company, LLC
1301 Highway 70
Belle Rose, LA 70341
Phone: 985-369-6657
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October 31, 2013

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

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

Commissioner Welsh,

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

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

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

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

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

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

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

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

Bruce E. Martin

Vice President, Operations

Texas Brine Company, LLC

Summary Table for Daily Events

TBC Oxy Grand Bayou Data Management-Environmental											
Contractor	Responsibilities	Collected By		Date Collected		Delivered to Lab	Results from Lab	Laboratory	Method	Date to Agencies	
Sage	Stationary Air Monitoring	Bijeet Mukherjee - 08:00 - 10:30 Britt Barnett (Code Red) - 07:00 - 17:00		10/30/2013		NA	NA	NA	NA	10/31/2013	
	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		10/30/2013		NA	NA	NA	NA	NA	
	Well Gas Sampling	No work performed		10/30/2013		NA	NA	NA	NA	NA	
	Under Slab Gas Sampling	No work performed		10/30/2013		NA	NA	NA	NA	NA	
	Indoor Air Monitoring	No work performed		10/30/2013		NA	NA	NA	NA	NA	
Respec	Inclinometers/Tilt Meters/Transducers	10/30/2013	No work Conducted	NA	NA	NA	NA	NA		NA	NA
	InSAR Reflector Installations	10/30/2013	No work Conducted	NA	NA	NA	NA	NA		NA	NA
	Subsidence Survey-Fenstermaker	10/30/2013	No work Conducted	NA	NA	NA	NA	NA		NA	NA
	Shallow Geophone Installation	10/30/2013	No work Conducted	NA	NA	NA	NA	NA		NA	NA
	Deep Geophone Installation	10/30/2013	No work Conducted	NA	NA	NA	NA	NA		NA	NA
	Amendment #3, Directive #2	10/30/2013	No work Conducted	NA	NA	NA	NA	NA		NA	NA
	Expansion of geoprobe gas sampling locations	10/30/2013	No work Conducted	NA	NA	NA	NA	NA		NA	NA
	DPVE Pilot Test	10/30/2013	No work Conducted	NA	NA	NA	NA	NA		NA	NA
	MIHPT	10/30/2013	No work Conducted	NA	NA	NA	NA	NA		NA	NA
Miller	Weekly Stability Survey	H. Sauce		October 30, 2013		NA	NA	NA	NA	NA	
	Misc. Survey Work	H. Sauce		October 30, 2013		NA	NA	NA	NA	NA	
	Sinkhole Hydro/Perimeter Survey	No Work Performed		October 30, 2013		NA	NA	NA	NA	NA	
Pisani	Surface Water	NA		October 30, 2013		NA	NA	NA	NA	NA	
	Sinkhole	NA		October 30, 2013		NA	NA	NA	NA	NA	
	Industrial Well Water	NA		October 30, 2013		NA	NA	NA	NA	NA	
	MRAA Well Water	NA		October 30, 2013		NA	NA	NA	NA	NA	
	GP/ORW Water	NA		October 30, 2013		NA	NA	NA	NA	NA	
	Cavern Water	NA		October 30, 2013		NA	NA	NA	NA	NA	
	Discharge/Outfall Water	NA		October 30, 2013		NA	NA	NA	NA	NA	
	Geoprobe Wells	NA		October 30, 2013		NA	NA	NA	NA	NA	

Grand Bayou Well 3A	
Daily Operations at 3A	Summary of Today's events
	Oxy 3A
10/31/2013	7am 653.2 10/31/2013
	Relief Well #1
10/31/2013	See ORW-01 Flare Spreadsheet

Attachments

Daily Action Summary

October 30, 2013

Stationary Air Monitoring

- Bijeet Mukherjee onsite from 08:00 to 10:30. Changed out the monitors between 08:32 and 10:09. 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.

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 10/29/2013 Daily Action Summary, beginning at approximately 16:55 on 10/29/2013, data was not properly transmitted due to a computer malfunction. The computer malfunction was resolved at approximately 07:15 on 10/30/2013, and normal data collection resumed. Additionally, RTU-8, located at Pad #9, recorded elevated H_2S readings from approximately 09:45 to 18:30 on 10/30/2013. The maximum recorded instantaneous reading was 8.3 ppm. During this time, the well located on Pad #9 was being bled down.

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 (%)
10/30/2013 01:00:00 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				
10/30/2013 02:00:00 AM																									
10/30/2013 03:00:00 AM																									
10/30/2013 04:00:00 AM																									
10/30/2013 05:00:00 AM																									
10/30/2013 06:00:00 AM																									
10/30/2013 07:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/30/2013 08:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
10/30/2013 09:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
10/30/2013 10:00:00 AM	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	20.6	0.0	0.0	1.7	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
10/30/2013 11:00:00 AM	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	20.8	0.0	0.0	4.1	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
10/30/2013 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	0.0	0.0	3.5	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
10/30/2013 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	0.0	0.0	3.5	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
10/30/2013 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	0.0	0.0	5.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
10/30/2013 03:00:00 PM	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	20.9	0.0	0.0	7.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
10/30/2013 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	0.0	0.0	6.1	0.0	21.0	<1.0	0.0	0.0	0.0	20.9
10/30/2013 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	0.0	0.0	2.9	0.0	21.2	<1.0	0.0	0.0	0.0	20.9
10/30/2013 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	0.0	0.0	<1.0	0.0	21.1	<1.0	0.0	0.0	0.0	20.9
10/30/2013 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	0.0	0.0	<1.0	0.0	21.1	<1.0	0.0	0.0	0.0	20.9
10/30/2013 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	0.0	0.0	0.0	0.0	21.1	<1.0	0.0	0.0	0.0	20.9
10/30/2013 09:00:00 PM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	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
10/30/2013 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	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
10/30/2013 11:00:00 PM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	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
10/31/2013 12:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	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 04:55 PM on 10/29/2013, data was not properly transmitted due to a computer malfunction. The computer malfunction was resolved at approximately 07:15 AM on 10/30/2013, and normal data collection resumed.
RTU-8, located at Pad #9, recorded elevated H2S readings from approximately 09:45 AM to 06:30 PM on 10/30/2013. The maximum recorded instantaneous reading was 8.3 ppm. During this time, the well located on Pad #9 was being bled down.

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 (%)
10/30/2013 05:00:00 AM 10/30/2013 06:00:00 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				
10/30/2013 07:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/30/2013 08:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
10/30/2013 09:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
10/30/2013 10:00:00 AM	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	20.6	0.0	0.0	1.7	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
10/30/2013 11:00:00 AM	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	20.8	0.0	0.0	4.1	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
10/30/2013 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	0.0	0.0	3.5	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
10/30/2013 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	0.0	0.0	3.5	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
10/30/2013 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	0.0	0.0	5.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
10/30/2013 03:00:00 PM	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	20.9	0.0	0.0	7.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
10/30/2013 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	0.0	0.0	6.1	0.0	21.0	<1.0	0.0	0.0	0.0	20.9
10/30/2013 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	0.0	0.0	2.9	0.0	21.2	<1.0	0.0	0.0	0.0	20.9
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10/30/2013 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	0.0	0.0	<1.0	0.0	21.1	<1.0	0.0	0.0	0.0	20.9
10/30/2013 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	0.0	0.0	0.0	0.0	21.1	<1.0	0.0	0.0	0.0	20.9
10/30/2013 09:00:00 PM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	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
10/30/2013 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	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
10/30/2013 11:00:00 PM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	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
10/31/2013 12:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9
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10/31/2013 03:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9
10/31/2013 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	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9
10/31/2013 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	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

Notes:
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Beginning at approximately 04:55 PM on 10/29/2013, data was not properly transmitted due to a computer malfunction. The computer malfunction was resolved at approximately 07:15 AM on 10/30/2013, and normal data collection resumed.
RTU-8, located at Pad #9, recorded elevated H2S readings from approximately 09:45 AM to 06:30 PM on 10/30/2013. The maximum recorded instantaneous reading was 8.3 ppm. During this time, the well located on Pad #9 was being bled down.

RESPEC Consulting & Services

Texas Brine, L.L.C.

Assumption Parish, Louisiana

Daily Field Report

Report By: David Gnage

Company: RESPEC

Date: 10/30/13

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

DPVE pilot program:

Instrumentation program:

PROPOSED SCHEDULE:

DPVE pilot program:
No work Scheduled

Instrumentation program:
No work Scheduled

No other work currently scheduled.

Initials: DJG

ME&A Daily Action Summary

October 30, 2013

Subsidence Survey:

- Began @ 9:15 am
- Ran conventional level loop starting at TBM 2 which is a nail set in a power pole adjacent to the main roadway and OxyGeismar #2 well pad. Ran level loop through brine wells #1, water well #1, TBM's, and the two brine storage tanks
- Ended @ 10:15

Sinkhole Perimeter/Hydrographic Survey:

- No Work Done

Support Sinkhole Cleanup

- No Work Done

Misc. Survey Work

- Began @ 10:30 am
- Settlement plate survey for DPVE-47
- Ran digital level loop through berm settlement plates and south berm rods
- Conventional level loop through pipes for north access roads
- Ran digital level loop through T.B.M.'s
- Total Station traverse through south berm rods
- Additional wagon-wheel shots taken southwest of sinkhole
- Ended @ 5:00 pm