



Texas Brine Company, LLC

1301 Highway 70
Belle Rose, LA 70341
Phone: 985-369-6657
Fax: 985-369-7873



January 3, 2012

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	Sam Coker - 07:50 - 09:05	1/2/2013	No	No	No	AreaRAE Monitors	1/3/2013
		Shane Rojas (Code Red) - 07:00 - 17:00						
	Residential Air Monitoring	No work performed	1/2/2013	NA	NA	NA	NA	NA
	Gas Seep Sampling	No work performed	1/2/2013	NA	NA	NA	NA	NA
	Well Gas Sampling	No work performed	1/2/2013	NA	NA	NA	NA	NA
Indoor Air Monitoring	No work performed	1/2/2013	NA	NA	NA	NA	NA	
Respec	Inclinometers/Tilt Meters	No work performed	1/2/2013	NA	NA	NA	NA	NA
	InSAR Reflector Installations	No work performed	1/2/2013	NA	NA	NA	NA	NA
	Amendment #3; Directive #2	No work performed	1/2/2013	NA	NA	NA	NA	NA
Miller	Weekly Stability Survey	Joel Miller/Matt Fore	1/2/2013	NA	NA	NA	NA	NA
	Support Sinkhole Cleanup	No Work Performed	1/2/2013	NA	NA	NA	NA	NA
	Sinkhole Hydro/Perimeter Survey	No Work Performed	1/2/2013	NA	NA	NA	NA	NA
Pisani	Surface Water	NA	NA	NA	NA	NA	NA	NA
	Well Water	NA	NA	NA	NA	NA	NA	NA
	Geoprobe Wells	PMR/JCS	1/2/2013	1/3/2013	NA	GCAL/Isotech	Chlorides -Method 4500; TPH DRO and GRO - Method 8015; TPH Fractions - Method 1006; Compositional Gas - N3	NA

Grand Bayou Well 3A

Daily Operations at 3A	<u>Summary of Today's events</u>										
1/2/2013	OXY 3A										
	7 am 634 casing										
	Relief Well # 1										
	1/1-2/2013	7:00 AM	7:00 AM	24.00	.500"	85.33	2048.00	2048.00	.22psi	Metered CFM	
	1/2-3/2013	7:00 AM	7:00 AM	24.00	.500"	0.87	20.84	2068.84	.24psi	Metered CFM	

Attachments

Daily Action Summary

January 02, 2013

Stationary Air Monitoring

- Sam Coker onsite from 07:50 to 09:05. Changed out the monitors between 08:15 and 08:55. Collected data from the monitoring database and forwarded to Jill Martin in the Baton Rouge office for processing.
- Shane Rojas of Code Red (monitor sub-contractor) onsite from 07:00 to 17:00. Assisted in battery change outs and maintenance of the monitoring equipment.

Residential Air Monitoring

- Not Scheduled

Gas Seep Sampling

- Not Scheduled

Well 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 *	South-most Pipeline Site					Middle-most Pipeline Site					North-most Pipeline Site					On Drill Rig Boom				Relief Well					
	AM-3					AM-2					AM-1					OG 3A-1				RW-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 (%)
01/02/2013 01:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9
01/02/2013 02:00:00 AM	<1.0	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	0.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9
01/02/2013 03:00:00 AM	<1.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<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
01/02/2013 04:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	<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
01/02/2013 05:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9
01/02/2013 06:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9
01/02/2013 07:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9
01/02/2013 08:00:00 AM	<1.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	<1.0	21.0	<1.0	<1.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9
01/02/2013 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	<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
01/02/2013 10:00:00 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	<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
01/02/2013 11:00:00 AM	<1.0	<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	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
01/02/2013 12:00:00 PM	<1.0	<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	0.0	0.0	0.0	0.0	20.9
01/02/2013 01:00:00 PM	<1.0	<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	<1.0	0.0	0.0	0.0	20.9
01/02/2013 02:00:00 PM	<1.0	<1.0	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	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
01/02/2013 03:00:00 PM	<1.0	<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	0.0	0.0	0.0	0.0	20.9
01/02/2013 04:00:00 PM	<1.0	<1.0	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	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
01/02/2013 05:00:00 PM	<1.0	<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	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
01/02/2013 06:00:00 PM	<1.0	<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	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
01/02/2013 07:00:00 PM	<1.0	<1.0	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	0.0	0.0	0.0	<1.0	20.9	0.0	0.0	0.0	0.0	20.9
01/02/2013 08:00:00 PM	<1.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	2.6	20.7	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	3.0	20.9	0.0	0.0	0.0	0.0	20.9
01/02/2013 09:00:00 PM	<1.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	2.9	20.6	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	3.0	20.9	0.0	0.0	0.0	0.0	20.9
01/02/2013 10:00:00 PM	<1.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	3.1	20.5	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	3.2	20.9	0.0	0.0	0.0	0.0	20.9
01/02/2013 11:00:00 PM	<1.0	<1.0	0.0	0.0	20.9	0.0	0.0	<1.0	3.1	20.5	<1.0	0.0	<1.0	0.0	21.0	0.0	0.0	0.0	3.1	20.9	0.0	0.0	0.0	0.0	20.9
01/03/2013 12:00:00 AM	<1.0	<1.0	0.0	0.0	20.9	<1.0	0.0	<1.0	3.1	20.5	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	3.1	20.9	0.0	0.0	0.0	0.0	20.9

RESPEC Consulting & Services

Texas Brine, L.L.C.

Assumption Parish, Louisiana

Daily Field Report

Report By: David Gnage

Date: 12/29/12 -1/4/12

Company: RESPEC

Work Order #: ()

Personnel	Company	Job Title

Time Onsite: Start Time: NA End Time: NA

Equipment Onsite: None

Daily Activity: No Field Work Conducted. RESPEC not on-site

Proposed Schedule: No work currently scheduled.

Initials: DJG

ME&A Daily Action Summary

Jan. 2, 2013

Subsidence Survey:

- Arrived on site @ 1:00 p.m.
- 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 (1,2 & 3), water wells (1,2 & 3), TBM's, and the two brine storage tanks. Attached is a spreadsheet with the results.
- Left site @ 3:00 p.m.

Sinkhole Perimeter/Hydrographic Survey:

- No Work Done

Support Sinkhole Cleanup

- No Work Done

Observe Installation of Bench Mark in Bayou Corne Community

- No Work Done

Misc. Survey Work

- No Work Done

Michael Pisani & Associates

Texas Brine, L.L.C.

Assumption Parish, Louisiana

Daily Field Report

Report By: Patrick Ritchie

Company: MP&A

Date: 1/2/2013

Work Order # 80-05

Health and Safety Meeting YES NO

Weather: 46 F Raining, Overcast, NNW wind

Personnel	Company	Job Title
<u>Patrick Ritchie</u>	<u>MPA</u>	<u>Environmental Scientist</u>
<u>Jody Shugart</u>	<u>MPA</u>	<u>Geologist</u>
<u>Kevin Simoneaux</u>	<u>Shaw Group</u>	<u>Environmental Scientist</u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

Site Activities: Start Time 9:00 End Time 15:30

Equipment On-site: None

Daily Activity:

Measure pressure and water level at TBC Geoprobe locations
Collect groundwater laboratory samples from TBC Geoprobe locations

Estimated time of completion:

On-going

Proposed schedule:

Conduct in-situ monitoring surface water transect and industrial water well locations 1/4/2013
Measure pressure and water level at TBC Geoprobe locations 1/3/2013
Collect groundwater laboratory samples from TBC Geoprobe locations 1/3/2013

Estimated time of completion:

On-going

Initials: PMR