



Texas Brine Company, LLC

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



October 16, 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	Eric Rucinski - 07:55 - 09:00 Mark Schlecht (Code Red) - 07:00 - 17:00		10/15/2013	NA	NA	NA	NA	10/16/2013
	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		10/15/2013	NA	NA	NA	NA	NA
	Well Gas Sampling	No work performed		10/15/2013	NA	NA	NA	NA	NA
	Under Slab Gas Sampling	No work performed		10/15/2013	NA	NA	NA	NA	NA
	Indoor Air Monitoring	No work performed		10/15/2013	NA	NA	NA	NA	NA
	Respec	Inclinometers/Tilt Meters/Transducers	10/15/2013	No work Conducted	NA	NA	NA	NA	NA
InSAR Reflector Installations		10/15/2013	No work Conducted	NA	NA	NA	NA	NA	NA
Subsidence Survey-Fenstermaker		10/15/2013	No work Conducted	NA	NA	NA	NA	NA	NA
Shallow Geophone Installation		10/15/2013	No work Conducted	NA	NA	NA	NA	NA	NA
Deep Geophone Installation		10/15/2013	No work Conducted	NA	NA	NA	NA	NA	NA
Amendment #3, Directive #2		10/15/2013	No work Conducted	NA	NA	NA	NA	NA	NA
Expansion of geoprobe gas sampling locations		10/15/2013	No work Conducted	NA	NA	NA	NA	NA	NA
DPVE Pilot Test		10/15/2013	trouble shooted and modified system to achieve better system performance.	P. Smith; N. Marncah	NA	NA	NA	NA	NA
MIHPT		10/15/2013	Oversee installation of MIHPT-103W	J. Knight	NA	NA	NA	NA	NA
Miller		Weekly Stability Survey	No Work Performed		10/14 - 10/15/2013	NA	NA	NA	NA
	Misc. Survey Work	Kevin Pichoff		October 14, 2013	NA	NA	NA	NA	NA
	Sinkhole Hydro/Perimeter Survey	No Work Performed		10/14 - 10/15/2013	NA	NA	NA	NA	NA
Pisani	Surface Water	Report Attached		October 15, 2013	NA	NA	NA	NA	NA
	Sinkhole	Report Attached		October 15, 2013	NA	NA	NA	NA	NA
	Industrial Well Water	Report Attached		October 15, 2013	NA	NA	NA	NA	NA
	MRAA Well Water	Report Attached		October 15, 2013	NA	NA	NA	NA	NA
	GP/ORW Water	Report Attached		October 15, 2013	NA	NA	NA	NA	NA
	Cavern Water	Report Attached		October 15, 2013	NA	NA	NA	NA	NA
	Discharge/Outfall Water	Report Attached		October 15, 2013	NA	NA	NA	NA	NA
	Geoprobe Wells	Report Attached		October 15, 2013	NA	NA	NA	NA	NA
Grand Bayou Well 3A									
Daily Operations at 3A		Summary of Today's events							
		Oxy 3A							
10/16/2013		7am	806.02	10/16/2013					
10/16/2013		Relief Well #1							
		See ORW-01 Flare Spreadsheet							

Attachments

Daily Action Summary

October 15, 2013

Stationary Air Monitoring

- Eric Rucinski onsite from 07:55 to 09:00. Changed out the monitors between 08:18 and 08:37. Collected data from the monitoring database and forwarded to Jonathan Brockhaus in the Baton Rouge office for processing.
- Mark Schlecht 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

- 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					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 (%)
10/15/2013 01:00:00 AM	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	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	0.0	0.0	20.9
10/15/2013 02:00:00 AM	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	0.0	0.0	0.0	0.0	20.9
10/15/2013 03:00:00 AM	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	<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
10/15/2013 04:00:00 AM	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	0.0	<1.0	0.0	0.0	20.9
10/15/2013 05:00:00 AM	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	0.0	<1.0	0.0	0.0	20.9
10/15/2013 06:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	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
10/15/2013 07:00:00 AM	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	0.0	<1.0	0.0	0.0	20.9
10/15/2013 08:00:00 AM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	<1.0	<1.0	0.0	20.8	0.0	0.0	0.0	0.0	20.9
10/15/2013 09:00:00 AM	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	20.9	0.0	<1.0	<1.0	0.0	20.6	0.0	0.0	0.0	0.0	20.9
10/15/2013 10:00:00 AM	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	21.3	0.0	0.0	<1.0	0.0	20.8	0.0	0.0	0.0	0.0	20.9
10/15/2013 11:00:00 AM	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	21.3	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/15/2013 12:00:00 PM	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	21.4	0.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/15/2013 01:00:00 PM	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	21.4	<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/15/2013 02:00:00 PM	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	21.4	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/15/2013 03:00:00 PM	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	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/15/2013 04:00:00 PM	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	21.4	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/15/2013 05:00:00 PM	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	21.4	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/15/2013 06:00:00 PM	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	21.3	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/15/2013 07:00:00 PM	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	21.3	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/15/2013 08:00:00 PM	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	21.2	0.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/15/2013 09:00:00 PM	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	21.2	0.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/15/2013 10:00:00 PM	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	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/15/2013 11:00:00 PM	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	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/16/2013 12:00:00 AM	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	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9

Notes:

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 (%)
10/15/2013 05:00:00 AM	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	0.0	<1.0	0.0	0.0	20.9
10/15/2013 06:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	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
10/15/2013 07:00:00 AM	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	0.0	<1.0	0.0	0.0	20.9
10/15/2013 08:00:00 AM	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9	0.0	<1.0	<1.0	0.0	20.8	0.0	0.0	0.0	0.0	20.9
10/15/2013 09:00:00 AM	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	0.0	<1.0	<1.0	0.0	20.6	0.0	0.0	0.0	0.0	20.9
10/15/2013 10:00:00 AM	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	21.3	0.0	0.0	<1.0	0.0	20.8	0.0	0.0	0.0	0.0	20.9
10/15/2013 11:00:00 AM	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	21.3	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/15/2013 12:00:00 PM	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	21.4	0.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/15/2013 01:00:00 PM	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	21.4	<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/15/2013 02:00:00 PM	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	21.4	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/15/2013 03:00:00 PM	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	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/15/2013 04:00:00 PM	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	21.4	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/15/2013 05:00:00 PM	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	21.4	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/15/2013 06:00:00 PM	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	21.3	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/15/2013 07:00:00 PM	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	21.3	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/15/2013 08:00:00 PM	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	21.2	0.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/15/2013 09:00:00 PM	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	21.2	0.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/15/2013 10:00:00 PM	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	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/15/2013 11:00:00 PM	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	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/16/2013 12:00:00 AM	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	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/16/2013 01:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	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
10/16/2013 02:00:00 AM	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	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/16/2013 03:00:00 AM	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	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
10/16/2013 04:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	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
10/16/2013 05:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	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

Notes:

RESPEC Consulting & Services

Texas Brine, L.L.C.

Assumption Parish, Louisiana

Daily Field Report

Report By: David Gnage

Date: 10/15/13

Company: RESPEC

Job #: 02241

Personnel	Company	Job Title
John Knight	RESPEC	Staff Geologist
Peter H. Smith, CPG	RESPEC	Staff Geologist
Nick Marnach	RESPEC	Staff Engineer

Time Onsite: Start Time: 7:15 End Time: 18:30

DAILY ACTIVITY:

Attended Daily Contractor meeting.

DPVE pilot program:

The system ran for a total of 3 hours with a total of 3,600 gallons discharged. Pumped the well down into the screened section modulating the gas relief valve. Achieved 110' drawdown with 5 psi top of casing pressure and 105' feet of drawdown with 0 psi top of casing pressure. Installed 2-inch vacuum line with 1-inch auxiliary vacuum line at well head. Installed pitot tube to directly measure formation gas flow at well head.

MiHPT Boring Program:

Installed MiHPT-103W south west of the sinkhole from a barge. Used three airboats to move barge into place. One airboat threw a rod and had to be replaced.

Instrumentation Program:

No activity. No personnel on-site.

PROPOSED SCHEDULE:

DPVE pilot program:

Install groundwater discharge flow meter. Apply vacuum and quantify gas flow.

MiHPT Boring Program:

Install MiHPT-96 at NSBS-56 on October 16th. As of 10/15/13 this is the last MiHPT scheduled.

Instrumentation Program:

Install new artificial reflectors (if they are delivered). Adjust existing ARs.

Initials: DJG

ME&A Daily Action Summary

October 14, 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 on at DPVE-47 & survey DPVE-22 & 37 wells.
- Departed @ 12:00 pm

ME&A Daily Action Summary

October 15, 2013

Subsidence Survey:

- No Work Done

Sinkhole Perimeter/Hydrographic Survey:

- No Work Done

Support Sinkhole Cleanup

- 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: 10/14/2013

Work Order # 80-05

Health and Safety Meeting YES NO

Weather: _____

<u>Personnel</u>	<u>Company</u>	<u>Job Title</u>
<u>Eric Kocken</u>	<u>MPA</u>	<u>Environmental Scientist</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Site Activities: Start Time 18:30 End Time 19:30

Equipment On-site:

Daily Activity:

Collect laboratory sample from ORW-41

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: 10/15/2013

Company: MP&A

Work Order # 80-05

Health and Safety Meeting YES NO

Weather: _____

Personnel	Company	Job Title
Eric Kocken	MPA	Environmental Scientist
John McGuire	MPA	Environmental Scientist
Patrick Ritchie	MPA	Environmental Scientist

Site Activities: Start Time 9:00 End Time 16:30

Equipment On-site: Airboat

Daily Activity:
Collect laboratory sample from Outfall #1, #2, and #3
Conduct in-situ monitoring of industrial water wells
Measure water level for the industrial water wells and MRAA wells
Collect laboratory samples from the industrial water wells
Observe, video, measure bubble sites

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 transducer data

Estimated time of completion:
On-going

Initials: PMR