INCIDENT ACTION PLAN

Be brief and concise with your entries

Location
Bayou Corne
Sink Hole

Control Level **Company Supervisory**

Operational Period

From 9/22/13

To 9/23/13

1.0 SITUATION

Disease, community, environment

PROMPTS:

Weather, disease trends, Resources, Hazards & safety

REFERENCE:

Maps, weather reports, Sitreps, appreciation, warnings, alerts

CURRENT

Partly Cloudy

PREDICTION

Showers in the morning with isolated thunderstorms in the afternoon. 30% chance of precipitation. High Temperature near 85.

2.0 OBJECTIVES (or MISSION)

PROMPTS: Time & space

REFERENCE:

Appreciation - control options, courses open to disease

CURRENT

Objective 1 - Demonstrating sinkhole containment and determining if additional sinkholes could form.

Objective 2 - Locating and mitigating the risk posed by the presence of shallow gas.

Objective 3 - Confirming the broader stability of the Napoleonville Salt Dome.

Current Actions:

(For planning purposes only, all activities are subject to change.)

ORW, MRAA, and PMW wells

- Conducted daily well readings and flare maintenance
- Continue installation of new well heads on ORW 39 and 40
- Continue installation of fittings and piping on ORWs 39 for connection to frac tank in preparation for drawdown test
- Continue monitoring 24-hr pump drawdown test at OGRW 1 and ORW 9
- Inject BMR into ORW 30 and 31

CPT Well/MIHPT/DPVE

- Advance and complete MIHPT 11
- Continue set up of DPVE system at NSDBS-47 (mud volcano)

Tomorrow's Activities

- Continue under-slab pressure monitoring
- Conduct daily well readings and flare maintenance
- Continue CPT and MIHPT operations
- Continue DPV E installation in Bayou Corne community

Sinkhole Activity - Code 1

3.0 EXECUTION add safety information as appropriate

GENERAL OUTLINE

PROMPTS: Strategies & tactics (current/proposed/alternate) Safety Information: See Attached Safe Work Rules Reference IAP dated 8/9/12 Additional to our Safe Work Rules for this project we are adding

Version date: 3 May 2010

REFERENCE: Appreciation, Control Options	the awareness of insects, reptiles and animals. Inspect location for flammability Daily Safety Meetings	
	PPE Required on site: Respirator w/ VOC Cartridge, Gloves for sampling, eye protection, life preservers, hearing protection.	
GROUPINGS	NA	
TASKS Including PR & Media	Same as above	
COORDINATING INSTRUCTIONS	Texas Brine Grand Bayou Facility will be used as staging area.	
PROMPTS: Timings, routes, assembly areas, staging areas		
4.0 ADMINISTRATION (Logistics support)		
PROMPTS: Unit names, locations stand by, enroute)	, contact names, phone no's, timings, duties/tasks, routes, suppliers, quantities, status (required, organised,	
SUPPLY WHO, WHAT, WHERE, WHEN of resources not readily available	NA	
GROUND SUPPORT Transport of personnel, traffic mgt, refuelling, mechanical repair/maintenance	NA	
COMMUNICATIONS Installation, maintenance, technical advice	Cell Phone & Landline Communications: Kenneth Blanchard – Area Manager – () kblanchard@texasbrine.com Scott Borne – Facility Manager – () sborne@texasbrine.com Joel Miller, PE – Consultant – () joel.miller@coxinternet.com Bruce Martin – Operations/PR – ()	

	Mark Cartwright – Technical/Engineering – () mcartwright@unitedbrine.com Scott Whitelaw – Environmental/Safety – () swhitelaw@tum.com				
STAGING AREA/ FCP Setting up, communications, staffing	Texas Brine Grand Bayou Facility 1301 Hwy 70 South, Belle Rose, La 70341				
5.0 ADMINISTRAT	5.0 ADMINISTRATION (Logistics services)				
PROMPTS: Unit names, locations stand by, enroute)	s, contact names, phone no's, timings, duties/tasks, routes, suppliers, quantities, status (required, organised,				
FACILITIES Security, waste, cleaning	NA				
CATERING	NA				
OH&S/MEDICAL Medical plan, first aid plan	Call 911				
FINANCE	NA				
TRAVEL	NA				
INDUCTION/ TRAINING	NA				
ACCOMMODATION	NA				
6.0 CONTROL, COORDINATION & COMMUNICATION					
CONTROL & COORDINATION STRUCTURE	Plant Management Supervision / Contractor Work				
REFERENCE Structural Chart					

COORDINATION & LIAISON	NA
Local knowledge, police, agency reps, emergency mgt reps	
COMMUNICATIONS	Plant Management – Contractor Communication via Cell Phone
PROMPTS Communications structure, operational comms plan, information mgt	

EXTRAS			
Attachments PROMPTS:: maps, weather, organisational charts, resources, comms diagram	Current Weather Safe Work Rules		
Plan developers PROMPTS PO, Logs Mgr, Controller	NA		
Approval Controller, Ops Director	TBC Company Rep: William Booher FOSC: SOSC: POSC:		

Belle Rose, Louisiana, United States

Today's Forecast: Sunday, 22 Sep 2013

83°F

66°F

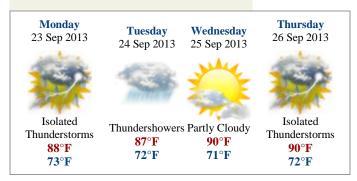
Sky Conditions: Scattered Thunderstorms **Sunrise:** 6:53 AM **Sunset:** 7:00 PM

Wind: NE (38°) @ 10Mph Precipitation Probability: 30%

View your complete Local Weather »



Extended Forecast Full 10-Day Forecast »



Detailed Forecast

Today:

Showers in the morning with isolated thunderstorms in the afternoon. High 83F. Winds NE at 5 to 10 mph. Chance of rain 30%.

Tonight:

Isolated thunderstorms during the evening, then partly cloudy overnight. Low 66F. Winds NE at 5 to 10 mph. Chance of rain 30%.

Tomorrow:

Partly cloudy, chance of a thunderstorm. Highs in the upper 80s and lows in the low 70s.

Site Safety for Sinkhole and Surrounding Area

In an effort to provide for a safe work environment in and around the Sink Hole, this procedure has been put in place to inform workers of their allowed Work Areas. This procedure is only guidance and should not exclude any other observation or safety precautions in place that may cause any danger to anyone. All workers entering the Texas Brine facility should be informed of the risks that are posed by this ongoing event.

This system has been developed using a Code System and is defined as follows:

Code 1:

Is an all clear, with restriction to OXY pad 3 and the North pad area as indicated in the map below due to the concerns raised by Itaska.



Code 2:

Restrict all activity from inside the Berm, but not the Berm itself or outside; recommend that all operations in the immediate vicinity of the sinkhole be halted immediately. The Inside Berm is defined as indicated on the map below in red.



Code 3:

Restrict activity from inside and on the Berm, no work activity shall occur until Code level has been changed to allow. Continued monitoring of the berm for cracks and venting wells located adjacent to the berm. At this code level immediate notification shall be made of any changes that occur on sinkhole, swamp around sinkhole, or any changes to berm area. The Berm is defined as indicated in yellow on the map below.



Communication:

All workers working in conjunction with this ongoing event shall be informed of these codes and communication protocol developed to inform everyone when codes may change at any time.