

INCIDENT ACTION PLAN

Be brief and concise with your entries

Location Bayou Corne Sink Hole	Control Level Company Supervisory	Operational Period From 9/12/13 To 9/13/13
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<p>1.0 SITUATION Disease, community, environment</p> <p>PROMPTS: Weather, disease trends, Resources, Hazards & safety</p> <p>REFERENCE: Maps, weather reports, Sitreps, appreciation, warnings, alerts</p>	<p>CURRENT Sunshine</p> <hr/> <p>PREDICTION Sunshine. 10% chance of precipitation. High Temperature near 93.</p>
<p>2.0 OBJECTIVES (or MISSION)</p> <p>PROMPTS: Time & space</p> <p>REFERENCE: Appreciation – control options, courses open to disease</p>	<p>CURRENT</p> <p>Objective 1 - Demonstrating sinkhole containment and determining if additional sinkholes could form.</p> <p>Objective 2 - Locating and mitigating the risk posed by the presence of shallow gas.</p> <p>Objective 3 - Confirming the broader stability of the Napoleonville Salt Dome.</p> <p>Current Actions: (For planning purposes only, all activities are subject to change.)</p> <p><u>ORW, MRAA, and PMW wells</u></p> <ul style="list-style-type: none"> - Conduct daily well readings and flare maintenance - Grout MRAA 5S - Develop MRAA 5M <p><u>Air Monitoring/Under-slab Ventilation</u></p> <ul style="list-style-type: none"> - Conduct vapor monitoring 134 Sportsman’s Drive, 1422 Jambalaya, and 1402 and 1457 Sauce Piquante - Measure probe location for as-built files at 127 Sportsmans Drive, 104 Crawfish Stew, and 1467 and 1469 Sauce Piquante. - Retrofit new profile blowers on ventilation systems at 1438 Sauce Piquante and 135 Crawfish Stew - Wire and connect ventilation system at 174 Crawfish Stew <p><u>CPT Well/MIHPT/DPVE</u></p> <ul style="list-style-type: none"> - Advance and completed MIHPTs 66 and 67 - Grout DPVE 47-3 - Develop DPVE 47-1 - Install water pumps in ORWs 1, 9, 39, and 40 - Continue testing on DPVE pump system <p><u>Containment Berm/Roads/Sinkhole</u></p> <ul style="list-style-type: none"> - Begin construction of new north access road and pad tomorrow - Unloading concrete mats for overflow structure <p><u>Sampling/Surveying</u></p> <ul style="list-style-type: none"> - Continue sampling MRAA wells

	<ul style="list-style-type: none"> - Perform sinkhole depth survey <p><u>Tomorrow's Activities</u></p> <ul style="list-style-type: none"> - Continue under-slab pressure monitoring - Conduct daily well readings and flare maintenance - Continue MIHPT operations - Continue DPVE operations - Continue retrofitting vent systems with new profile blowers - Continue construction of new north access road and pad <p>Sinkhole Activity – Code 1</p>
<p>3.0 EXECUTION add safety information as appropriate</p>	
<p>GENERAL OUTLINE</p> <p>PROMPTS: Strategies & tactics (current/proposed/alternate)</p> <p>REFERENCE: Appreciation, Control Options</p>	<p>Safety Information: See Attached Safe Work Rules Reference IAP dated 8/9/12</p> <p>Additional to our Safe Work Rules for this project we are adding the awareness of insects, reptiles and animals.</p> <p>Inspect location for flammability</p> <p>Daily Safety Meetings</p> <p>PPE Required on site: Respirator w/ VOC Cartridge, Gloves for sampling, eye protection, life preservers, hearing protection.</p>
<p>GROUPINGS</p>	<p>NA</p>
<p>TASKS Including PR & Media</p>	<p>Same as above</p>
<p>COORDINATING INSTRUCTIONS</p> <p>PROMPTS: Timings, routes, assembly areas, staging areas</p>	<p>Texas Brine Grand Bayou Facility will be used as staging area.</p>
<p>4.0 ADMINISTRATION (Logistics support)</p> <p>PROMPTS: Unit names, locations, contact names, phone no's, timings, duties/tasks, routes, suppliers, quantities, status (required, organised, stand by, enroute)</p>	
<p>SUPPLY</p>	<p>NA</p>

WHO, WHAT, WHERE, WHEN of resources not readily available	
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 – [REDACTED] ([REDACTED]) kblanchard@texasbrine.com Scott Borne – Facility Manager – [REDACTED] ([REDACTED]) sborne@texasbrine.com Joel Miller, PE – Consultant – [REDACTED] ([REDACTED]) joel.miller@cox- internet.com Bruce Martin – Operations/PR – [REDACTED] ([REDACTED]) bmartin@texasbrine.com Mark Cartwright – Technical/Engineering – [REDACTED] ([REDACTED]) mcartwright@unitedbrine.com Scott Whitelaw – Environmental/Safety – [REDACTED] ([REDACTED]) 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 ADMINISTRATION (Logistics services)	
PROMPTS: Unit names, locations, contact names, phone no's, timings, duties/tasks, routes, suppliers, quantities, status (required, organised, stand by, enroute)	
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 REFERENCE Structural Chart	Plant Management Supervision / Contractor Work
COORDINATION & LIAISON Local knowledge, police, agency reps, emergency mgt reps	NA
COMMUNICATIONS PROMPTS Communications structure, operational comms plan, information mgt	Plant Management – Contractor Communication via Cell Phone

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: Thursday, 12 Sep 2013

93°F
71°F

Sky Conditions: Mostly Sunny
Sunrise: 6:47 AM **Sunset:** 7:13 PM
Wind: ENE (63°) @ 7Mph
Precipitation Probability: 10%



[View your complete Local Weather »](#)

Extended Forecast [Full 10-Day Forecast »](#)

Friday 13 Sep 2013	Saturday 14 Sep 2013	Sunday 15 Sep 2013	Monday 16 Sep 2013
			
Mostly Sunny 94°F 71°F	Partly Cloudy 91°F 71°F	Mostly Sunny 91°F 72°F	Isolated Thunderstorms 91°F 72°F

Detailed Forecast

Today:
Sunshine. High 93F. Winds ENE at 5 to 10 mph.
Tonight:
Partly cloudy skies. Low 71F. Winds light and variable.
Tomorrow:
A few clouds. Highs in the mid 90s 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.