

# INCIDENT ACTION PLAN

Be brief and concise with your entries

<b>Location</b> Bayou Corne Sink Hole	<b>Control Level</b> Company Supervisory	<b>Operational Period</b> From 12/7/15      To 12/8/15
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<p><b>1.0 SITUATION</b> Disease, community, environment</p> <p>PROMPTS: Weather, disease trends, Resources, Hazards &amp; safety</p> <p>REFERENCE: Maps, weather reports, Sitreps, appreciation, warnings, alerts</p>	<p><b>CURRENT</b> Sunny</p> <hr/> <p><b>PREDICTION</b> Mainly sunny. 0% chance of precipitation. High Temperature near 72.</p>
<p><b>2.0 OBJECTIVES (or MISSION)</b></p> <p>PROMPTS: Time &amp; space</p> <p>REFERENCE: Appreciation – control options, courses open to disease</p>	<p><b>CURRENT</b></p> <p><b>Objective 1</b> - Demonstrating sinkhole containment and determining if additional sinkholes could form.</p> <p><b>Objective 2</b> - Locating and mitigating the risk posed by the presence of shallow gas.</p> <p><b>Objective 3</b> - Confirming the broader stability of the Napoleonville Salt Dome.</p> <p><b>Current Actions:</b> <b>(For planning purposes only, all activities are subject to change.)</b></p> <p><b><u>ORW, MRAA, PMW, PVW, KGC, Bubble sites and Geoprobe wells</u></b></p> <ul style="list-style-type: none"> <li>- Conduct daily well readings and flare maintenance</li> <li>- Continue enhanced gas production on ORW-55</li> <li>- Continue daily dewatering of ORWs-54, 57 and 59</li> <li>- Phase 5 weekly ORW monitoring</li> <li>- ORW-48 Phase 4 – 3 month vent or zero pressure verification test, as appropriate</li> </ul> <p><b><u>Air Monitoring/ Monitoring Equipment</u></b></p> <ul style="list-style-type: none"> <li>- Daily monitoring of In-home gas monitors and AreaRAEs</li> </ul> <p><b><u>Sampling/Analytical/Instrumentation/Inspections/Berm</u></b></p> <ul style="list-style-type: none"> <li>- Daily berm inspection</li> <li>- Begin Ecological Assessment – Pisani led</li> </ul> <p><b><u>Response Related Brine Production</u></b></p> <ul style="list-style-type: none"> <li>- Continue to pump ~500 gpm of sinkhole surface water to each OT-09 and OT-10 (~1000 gpm)</li> <li>- Continue to pump ~500 gpm of MRAA groundwater to the Oxy Grand Bayou surface holding pond</li> </ul> <p><b><u>Tomorrow's Activities</u></b></p> <ul style="list-style-type: none"> <li>- Conduct daily well readings and flare maintenance</li> <li>- Continue enhanced gas production of ORW-55</li> <li>- Continue daily dewatering of ORWs-54, 57 and 59</li> <li>- Daily monitoring of in-home gas monitors and AreaRAEs</li> <li>- Replace existing transducers with recalibrated transducers in ORW 41, ORW-43 plus OGRW-1</li> <li>- Sinkhole surface water sampling at CSSW-11</li> <li>- Monthly industrial well groundwater sampling</li> </ul>

	<ul style="list-style-type: none"> <li>- Weekly outfall sampling</li> <li>- Continue Ecological Assessment</li> </ul>
<b>Sinkhole Activity – Orange</b>	
<b>3.0 EXECUTION</b> add safety information as appropriate	
<b>GENERAL OUTLINE</b>  PROMPTS: Strategies & tactics (current/proposed/alternate)  REFERENCE: Appreciation, Control Options	<b>Safety Information: See Attached Safe Work Rules          Reference IAP dated 8/9/12</b>  <b>Additional to our Safe Work Rules for this project we are adding          the awareness of insects, reptiles and animals.</b>  <b>Inspect location for flammability</b>  <b>Daily Safety Meetings</b>  <b>PPE Required on site: Respirator w/ VOC Cartridge, Gloves for          sampling, eye protection, life preservers, hearing protection.</b>
<b>GROUPINGS</b>	<b>NA</b>
<b>TASKS</b> Including PR & Media	<b>Same as above</b>
<b>COORDINATING INSTRUCTIONS</b>  PROMPTS: Timings, routes, assembly areas, staging areas	<b>Texas Brine Grand Bayou Facility will be used as staging area.</b>
<b>4.0 ADMINISTRATION</b> (Logistics support)	
PROMPTS: Unit names, locations, contact names, phone no's, timings, duties/tasks, routes, suppliers, quantities, status (required, organised, stand by, enroute)	
<b>SUPPLY</b> WHO, WHAT, WHERE, WHEN of resources not readily available	<b>NA</b>
<b>GROUND SUPPORT</b> Transport of personnel, traffic mgt, refuelling, mechanical	<b>NA</b>

repair/maintenance	
<b>COMMUNICATIONS</b> Installation, maintenance, technical advice	<b>Cell Phone &amp; Landline Communications:</b> <b>Chad Morales – Area Manager –</b> <b>Scott Borne – Facility Manager –</b> ( ) <b>sborne@texasbrine.com</b> <b>Joel Miller, PE – Consultant –</b> ( ) <b>joel.miller@cox-</b> <b>internet.com</b> <b>Bruce Martin – Operations/PR –</b> ( ) <b>bmartin@texasbrine.com</b> <b>Mark Cartwright – Technical/Engineering –</b> ( ) <b>mcartwright@unitedbrine.com</b> <b>Scott Whitelaw – Environmental/Safety –</b> ( ) <b>swhitelaw@tum.com</b>
<b>STAGING AREA/ FCP</b> Setting up, communications, staffing	<b>Texas Brine Grand Bayou Facility</b> <b>1301 Hwy 70 South, Belle Rose, La 70341</b>
<b>5.0 ADMINISTRATION (Logistics services)</b>  PROMPTS: Unit names, locations, contact names, phone no's, timings, duties/tasks, routes, suppliers, quantities, status (required, organised, stand by, enroute)	
<b>FACILITIES</b> Security, waste, cleaning	<b>NA</b>
<b>CATERING</b>	<b>NA</b>
<b>OH&amp;S/MEDICAL</b> Medical plan, first aid plan	<b>Call 911</b>
<b>FINANCE</b>	<b>NA</b>
<b>TRAVEL</b>	<b>NA</b>
<b>INDUCTION/ TRAINING</b>	<b>NA</b>
<b>ACCOMMODATION</b>	<b>NA</b>
<b>6.0 CONTROL, COORDINATION &amp; COMMUNICATION</b>	

<b>CONTROL &amp; COORDINATION STRUCTURE</b>  REFERENCE Structural Chart	<b>Plant Management Supervision / Contractor Work</b>
<b>COORDINATION &amp; LIAISON</b>  Local knowledge, police, agency reps, emergency mgt reps	<b>NA</b>
<b>COMMUNICATIONS</b>  PROMPTS Communications structure, operational comms plan, information mgt	<b>Plant Management – Contractor Communication via Cell Phone</b>

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

**Belle Rose, Louisiana, United States**

**Today's Forecast:** Monday, 7 Dec 2015

**72°F**  
**46°F**



**Sky Conditions:** Sunny

**Sunrise:** 6:46 AM **Sunset:** 5:04 PM





**Wind:** N (5°) @ 6Mph

**Precipitation Probability:** 0%

[View your complete Local Weather >>](#)

**Extended Forecast**

[Full 10-Day Forecast >>](#)

<b>Tuesday</b> 8 Dec 2015	<b>Wednesday</b> 9 Dec 2015	<b>Thursday</b> 10 Dec 2015	<b>Friday</b> 11 Dec 2015
			
Sunny <b>72°F</b> <b>50°F</b>	Partly Cloudy <b>72°F</b> <b>56°F</b>	Partly Cloudy <b>76°F</b> <b>61°F</b>	Partly Cloudy <b>78°F</b> <b>64°F</b>

**Detailed Forecast**

**Today:**

Mainly sunny. High 72F. Winds light and variable.

**Tonight:**

Clear. Low 46F. Winds light and variable.

**Tomorrow:**

Sunshine. Highs in the low 70s and lows in the low 50s.

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