

# 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 12/30/15      To 12/31/15
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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> Rain</p> <hr/> <p><b>PREDICTION</b> A steady rain in the morning. Showers continuing in the afternoon. Thunder possible. 90% chance of precipitation. High Temperature near 59.</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><u>ORW, MRAA, PMW, PVW, KGC, Bubble sites and Geoprobe wells</u></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>- Complete monthly transducer data download</li> <li>- ORW-51 depletion test</li> </ul> <p><u>Air Monitoring/ Monitoring Equipment</u></p> <ul style="list-style-type: none"> <li>- Daily monitoring of In-home gas monitors and AreaRAEs</li> </ul> <p><u>Sampling/Analytical/Instrumentation/Inspections/Berm</u></p> <ul style="list-style-type: none"> <li>- Daily berm inspection</li> </ul> <p><u>Response Related Brine Production</u></p> <ul style="list-style-type: none"> <li>- Continue to pump ~500 gpm of sinkhole surface water to OT-09 and ~ 500 gpm to OT-10</li> <li>- Continue to pump ~500 gpm of MRAA groundwater to the Oxy Grand Bayou surface holding pond. (Note: WW #2 was off on 12/29 for approximately 5 hours as Oxy holding pond was full)</li> </ul> <p><u>Tomorrow's Activities</u></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> </ul> <hr/> <p><b>Sinkhole Activity – Yellow</b></p>
<p><b>3.0 EXECUTION</b>    add safety information as appropriate</p>	

<p><b>GENERAL OUTLINE</b></p> <p>PROMPTS: Strategies &amp; tactics (current/proposed/alternate)</p> <p>REFERENCE: Appreciation, Control Options</p>	<p><b>Safety Information: See Attached Safe Work Rules Reference IAP dated 8/9/12</b></p> <p><b>Additional to our Safe Work Rules for this project we are adding the awareness of insects, reptiles and animals.</b></p> <p><b>Inspect location for flammability</b></p> <p><b>Daily Safety Meetings</b></p> <p><b>PPE Required on site: Respirator w/ VOC Cartridge, Gloves for sampling, eye protection, life preservers, hearing protection.</b></p>
<p><b>GROUPINGS</b></p>	<p><b>NA</b></p>
<p><b>TASKS</b> Including PR &amp; Media</p>	<p><b>Same as above</b></p>
<p><b>COORDINATING INSTRUCTIONS</b></p> <p>PROMPTS: Timings, routes, assembly areas, staging areas</p>	<p><b>Texas Brine Grand Bayou Facility will be used as staging area.</b></p>
<p><b>4.0 ADMINISTRATION (Logistics support)</b></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><b>SUPPLY</b> WHO, WHAT, WHERE, WHEN of resources not readily available</p>	<p><b>NA</b></p>
<p><b>GROUND SUPPORT</b> Transport of personnel, traffic mgt, refuelling, mechanical repair/maintenance</p>	<p><b>NA</b></p>
<p><b>COMMUNICATIONS</b> Installation, maintenance, technical advice</p>	<p><b>Cell Phone &amp; Landline Communications:</b> <b>Chad Morales – Area Manager –</b> <b>Scott Borne – Facility Manager – [REDACTED] ([REDACTED])</b> <b>sborne@texasbrine.com</b></p>

	<p>Joel Miller, PE – Consultant – [REDACTED] ([REDACTED]) joel.miller@cox-internet.com</p> <p>Bruce Martin – Operations/PR – [REDACTED] ([REDACTED]) bmartin@texasbrine.com</p> <p>Mark Cartwright – Technical/Engineering – [REDACTED] ([REDACTED]) mcartwright@unitedbrine.com</p> <p>Scott Whitelaw – Environmental/Safety – [REDACTED] ([REDACTED]) swhitelaw@tum.com</p>
<p>STAGING AREA/ FCP</p> <p>Setting up, communications, staffing</p>	<p><b>Texas Brine Grand Bayou Facility</b> <b>1301 Hwy 70 South, Belle Rose, La 70341</b></p>
<p><b>5.0 ADMINISTRATION</b> (Logistics services)</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><b>FACILITIES</b> Security, waste, cleaning</p>	<p><b>NA</b></p>
<p><b>CATERING</b></p>	<p><b>NA</b></p>
<p><b>OH&amp;S/MEDICAL</b> Medical plan, first aid plan</p>	<p><b>Call 911</b></p>
<p><b>FINANCE</b></p>	<p><b>NA</b></p>
<p><b>TRAVEL</b></p>	<p><b>NA</b></p>
<p><b>INDUCTION/ TRAINING</b></p>	<p><b>NA</b></p>
<p><b>ACCOMMODATION</b></p>	<p><b>NA</b></p>
<p><b>6.0 CONTROL, COORDINATION &amp; COMMUNICATION</b></p>	
<p><b>CONTROL &amp; COORDINATION STRUCTURE</b></p>	<p><b>Plant Management Supervision / Contractor Work</b></p>

REFERENCE Structural Chart	
COORDINATION & LIAISON  Local knowledge, police, agency reps, emergency mgt reps	<b>NA</b>
COMMUNICATIONS  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 FOSC: SOSC: POSC:</b>

**Belle Rose, Louisiana, United States**

**Today's Forecast:** Wednesday, 30 Dec 2015

**59°F**

**53°F**



**Sky Conditions:** Rain

**Sunrise:** 6:59 AM **Sunset:** 5:14 PM

**Wind:** NNE (27°) @ 9Mph

**Precipitation Probability:** 90%

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**Extended Forecast**

[Full 10-Day Forecast »](#)

<b>Thursday</b> 31 Dec 2015	<b>Friday</b> 1 Jan 2016	<b>Saturday</b> 2 Jan 2016	<b>Sunday</b> 3 Jan 2016
PM Showers <b>57°F</b> <b>48°F</b>	Rain <b>51°F</b> <b>42°F</b>	PM Showers <b>53°F</b> <b>41°F</b>	Partly Cloudy <b>58°F</b> <b>37°F</b>

**Detailed Forecast**

**Today:**

A steady rain in the morning. Showers continuing in the afternoon. Thunder possible. High 59F. Winds NNE at 5 to 10 mph. Chance of rain 80%.

**Tonight:**

Showers early becoming less numerous late. Low 53F. Winds NNE at 5 to 10 mph. Chance of rain 50%.

**Tomorrow:**

Showers possible in the afternoon. Highs in the upper 50s and lows in the upper 40s.

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