

# INCIDENT ACTION PLAN

Be brief and concise with your entries

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| <b>Location</b><br>Bayou Corne<br>Sink Hole | <b>Control Level</b><br>Company Supervisory | <b>Operational Period</b><br>From 12/8/15      To 12/9/15 |
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| <p><b>1.0 SITUATION</b><br/>Disease, community, environment</p> <p>PROMPTS:<br/>Weather, disease trends, Resources, Hazards &amp; safety</p> <p>REFERENCE:<br/>Maps, weather reports, Sitreps, appreciation, warnings, alerts</p> | <p><b>CURRENT</b><br/>Sunny</p> <p><b>PREDICTION</b><br/>Mostly sunny. 0% chance of precipitation. High Temperature near 72.</p>   |
| <p><b>2.0 OBJECTIVES (or MISSION)</b></p> <p>PROMPTS:<br/>Time &amp; space</p> <p>REFERENCE:<br/>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><br/><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>- Replace existing transducers with recalibrated transducers in ORW 41, ORW-43 and OGRW-1</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>- Continue the Ecological Assessment – Pisani led</li> <li>- Begin the monthly KGC/PVW/bubble site monitoring, maintenance and gas sampling</li> <li>- Weekly Outfall sampling</li> <li>- Monthly Industrial well groundwater sampling</li> <li>- Sinkhole surface water sampling at CSSW-11</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> </ul> |

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|  | <ul style="list-style-type: none"> <li>- Continue Ecological Assessment</li> <li>- Geoprobe monthly pressure monitoring</li> <li>- Continue monthly KGC/PVW/bubble site maintenance and monitoring</li> </ul>   |
| <b>Sinkhole Activity – GREEN</b>   |   |
| <b>3.0 EXECUTION</b> add safety information as appropriate   |   |
| <b>GENERAL OUTLINE</b><br><br>PROMPTS:<br>Strategies & tactics<br>(current/proposed/alternate)<br><br>REFERENCE:<br>Appreciation, Control Options                | <b>Safety Information: See Attached Safe Work Rules<br/>         Reference IAP dated 8/9/12</b><br><br><b>Additional to our Safe Work Rules for this project we are adding<br/>         the awareness of insects, reptiles and animals.</b><br><b>Inspect location for flammability</b><br><b>Daily Safety Meetings</b><br><b>PPE Required on site: Respirator w/ VOC Cartridge, Gloves for<br/>         sampling, eye protection, life preservers, hearing protection.</b> |
| <b>GROUPINGS</b>   | <b>NA</b>   |
| <b>TASKS</b><br>Including PR & Media   | <b>Same as above</b>  |
| <b>COORDINATING INSTRUCTIONS</b><br><br>PROMPTS:<br>Timings, routes, assembly<br>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><br>WHO, WHAT, WHERE, WHEN<br>of resources not readily<br>available   | <b>NA</b>   |
| <b>GROUND SUPPORT</b><br>Transport of personnel, traffic   | <b>NA</b>   |

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

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

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

**Belle Rose, Louisiana, United States**

**Today's Forecast:** Tuesday, 8 Dec 2015

**72°F**  
**53°F**



**Sky Conditions:** Sunny

**Sunrise:** 6:47 AM **Sunset:** 5:04 PM

**Wind:** S (173°) @ 5Mph

**Precipitation Probability:** 0%

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

**Extended Forecast**

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

**Wednesday**  
9 Dec 2015

**Thursday**  
10 Dec 2015

**Friday**  
11 Dec 2015

**Saturday**  
12 Dec 2015



Partly Cloudy  
**75°F**  
**56°F**

Partly Cloudy  
**76°F**  
**60°F**

Partly Cloudy  
**78°F**  
**64°F**

Mostly Cloudy  
**80°F**  
**67°F**

**Detailed Forecast**

**Today:**

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

**Tonight:**

Mainly clear skies. Low 53F. Winds light and variable.

**Tomorrow:**

Partly cloudy. Highs in the mid 70s and lows in the mid 50s.

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