

# 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 3/15/16<br>To 3/16/16 |
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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/>Partly Cloudy</p> <p><b>PREDICTION</b><br/>Partly to mostly cloudy. 20% chance of precipitation. High Temperature near 83.</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>- Start dewatering pumps in ORWs-54, 57, and 59</li> <li>- Monitor/observe ICON activity, if on site</li> </ul> <p><b><u>Air Monitoring/ Monitoring Equipment</u></b></p> <ul style="list-style-type: none"> <li>- Perform 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>- Conduct Daily berm inspection</li> </ul> <p><b><u>Estimated MRAA Groundwater Usage last 24 hours</u></b></p> <ul style="list-style-type: none"> <li>o OG-GB 417,075 gal (all from WW#2) (Oxy didnt take groundwater for most of day)</li> <li>- OT-GB 0 gal</li> <li>- Axiall 603,920 gal</li> <li>- Enlink 15,720 gal</li> </ul> <p><b><u>Est water pumped from sinkhole and used for brine production last 24hrs.:</u></b> 195,352 gal</p> <p><b><u>Tomorrow's Scheduled Activities</u></b></p> <ul style="list-style-type: none"> <li>- Conduct daily berm inspection</li> <li>- Conduct daily well readings and flare maintenance</li> <li>- Continue daily dewatering of ORWs-54, 57 and 59</li> <li>- Continue daily monitoring of in-home gas monitors and AreaRAEs</li> <li>- Monitor/observe ICON activities, if on site</li> <li>- ORW-48 Phase 4 – 6 month vent test</li> <li>- Bi-monthly MRAA transducer data download and manual water level measurements</li> <li>- Weekly outfall sampling</li> <li>- Monthly geoprobe monitoring</li> </ul> |

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| <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><br><b>Inspect location for flammability</b><br><br><b>Daily Safety Meetings</b><br><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<br>mgt, refuelling, mechanical<br>repair/maintenance  | <b>NA</b>   |

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| <b>COMMUNICATIONS</b><br>Installation, maintenance,<br>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 –</b> ( ) <b>joel.miller@cox-</b><br><b>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/<br/>FCP</b><br>Setting up, communications,<br>staffing  | <b>Texas Brine Grand Bayou Facility</b><br><b>1301 Hwy 70 South, Belle Rose, La 70341</b>   |
| <b>5.0 ADMINISTRATION</b> (Logistics services)<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/<br/>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; COORDINATION STRUCTURE</b><br><br>REFERENCE<br>Structural Chart                          | <b>Plant Management Supervision / Contractor Work</b>             |
| <b>COORDINATION &amp; LIAISON</b><br><br>Local knowledge, police, agency reps, emergency mgt reps         | <b>NA</b>   |
| <b>COMMUNICATIONS</b><br><br>PROMPTS<br>Communications structure, operational comms plan, 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 charts, resources, comms 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, 15 Mar 2016

**83°F**  
**65°F**



**Sky Conditions:** Partly Cloudy  
**Sunrise:** 7:13 AM **Sunset:** 7:12 PM  
**Wind:** SSW (208°) @ 16Mph  
**Precipitation Probability:** 20%

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**Extended Forecast**

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

**Wednesday**

16 Mar 2016



Isolated  
Thunderstorms

**82°F**  
**65°F**

**Thursday**

17 Mar 2016



Thunderstorms

**78°F**  
**63°F**

**Friday**

18 Mar 2016



Thunderstorms

**71°F**  
**60°F**

**Saturday**

19 Mar 2016



Thunderstorms

**70°F**  
**49°F**

**Detailed Forecast**

**Today:**

Partly to mostly cloudy. High 83F. Winds SSW at 10 to 20 mph.

**Tonight:**

Cloudy skies during the evening. Fog developing overnight. Low around 65F. Winds SW at 5 to 10 mph.

**Tomorrow:**

Partly cloudy, chance of a thunderstorm. Highs in the low 80s and lows in the mid 60s.

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