

# 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 6/23/15 To 6/24/15
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<p><b>1.0 SITUATION</b></p> <p>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> Partly Cloudy</p> <p><b>PREDICTION</b> Intervals of clouds and sunshine. A stray shower or thunderstorm is possible. 20% chance of precipitation. High Temperature near 95.</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 and Geoprobe wells</u></b></p> <ul style="list-style-type: none"> <li>- Conduct daily well readings and flare maintenance</li> <li>- Monitor continuous dewatering of ORW 54 and ORW 57</li> <li>- Develop ORW-59</li> <li>- Continue enhanced gas production for GOW-9-1</li> <li>- ORW-29 Phase 4 – 6 month zero pressure verification/vent test, as appropriate</li> <li>- Push CPT near Newchurch property on TBC brine well #5 property east of Grand Bayou</li> <li>- Connect ORW-36 to Knockout Tank and continue enhanced gas production</li> <li>- Continue Phase 4 interim pressure reduction for ORW-18 – flowing to flare</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</u></b></p> <ul style="list-style-type: none"> <li>- Weekly outfall sampling</li> <li>- Monthly MRAA transducer data download and manual water level measurements</li> <li>- Perform maintenance on water level meters, tilt meters and PVW/KGCs outside of berm system</li> </ul> <p><b><u>Containment/ Roads/ Sinkhole</u></b></p> <ul style="list-style-type: none"> <li>- Daily berm inspections</li> <li>- Operate Landshark evaporators</li> </ul> <p><b><u>Surveying</u></b></p> <ul style="list-style-type: none"> <li>- Complete top of berm survey following berm maintenance (added/compacted lifts of limestone to low areas to bring berm system back up to the 5.5 amsl design elevation)</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>- Conduct daily berm inspections</li> </ul>

	<ul style="list-style-type: none"> <li>- Monitor continuous dewatering of ORW 54 and ORW 57</li> <li>- Continue operation of Landsharks</li> <li>- Continue installation of ORW-59</li> <li>- Collect gas samples from Flares and PVWs</li> <li>- Quarterly sinkhole profile sampling, seismic dependent</li> <li>- Continue maintenance/repair work on water level meters, tilt meters and PVW/KGC</li> <li>- Push CPT near Rousseau house north of Hwy 70/east of Grand Bayou</li> <li>- Monthly bubble site monitoring</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	<p style="text-align: center;"><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>
<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	<b>NA</b>

available	
<b>GROUND SUPPORT</b> Transport of personnel, traffic mgt, refuelling, mechanical repair/maintenance	<b>NA</b>
<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</b> (Logistics services)	
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:** Tuesday, 23 Jun 2015

**95°F**

**75°F**



**Sky Conditions:** Partly Cloudy

**Sunrise:** 6:04 AM **Sunset:** 8:08 PM

**Wind:** NE (51°) @ 5Mph

**Precipitation Probability:** 20%

[View your complete Local Weather »](#)

**Extended Forecast**

[Full 10-Day Forecast »](#)

<b>Wednesday</b> 24 Jun 2015	<b>Thursday</b> 25 Jun 2015	<b>Friday</b> 26 Jun 2015	<b>Saturday</b> 27 Jun 2015
PM Thunderstorms	PM Thunderstorms	Partly Cloudy	PM Thunderstorms
<b>94°F</b> <b>74°F</b>	<b>92°F</b> <b>75°F</b>	<b>93°F</b> <b>75°F</b>	<b>92°F</b> <b>73°F</b>

**Detailed Forecast**

**Today:**

Intervals of clouds and sunshine. A stray shower or thunderstorm is possible. High around 95F. Winds light and variable.

**Tonight:**

Partly cloudy. A stray shower or thunderstorm is possible. Low near 75F. Winds light and variable.

**Tomorrow:**

Afternoon thunderstorms. Highs in the mid 90s and lows in the mid 70s.

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