

INCIDENT ACTION PLAN

Be brief and concise with your entries

Location Bayou Corne Sink Hole	Control Level Company Supervisory	Operational Period From 7/29/15 To 7/30/15
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<p>1.0 SITUATION</p> <p>Disease, community, environment</p> <p>PROMPTS: Weather, disease trends, Resources, Hazards & safety</p> <p>REFERENCE: Maps, weather reports, Sitreps, appreciation, warnings, alerts</p>	<p>CURRENT Scattered Thunderstorms</p> <p>PREDICTION Scattered thunderstorms. 40% chance of precipitation. High Temperature near 97.</p>
<p>2.0 OBJECTIVES (or MISSION)</p> <p>PROMPTS: Time & space</p> <p>REFERENCE: Appreciation – control options, courses open to disease</p>	<p>CURRENT</p> <p>Objective 1 - Demonstrating sinkhole containment and determining if additional sinkholes could form.</p> <p>Objective 2 - Locating and mitigating the risk posed by the presence of shallow gas.</p> <p>Objective 3 - Confirming the broader stability of the Napoleonville Salt Dome.</p> <p>Current Actions: (For planning purposes only, all activities are subject to change.)</p> <p>ORW MRAA PMW PVW and Geoprobe wells</p> <ul style="list-style-type: none"> - Conduct daily well readings and flare maintenance - Continue enhanced gas production on ORW-55 and GOW-9-1 - Continue daily dewatering of ORWs 54, 57 and 59 <p>Air Monitoring/ Monitoring Equipment</p> <ul style="list-style-type: none"> - Daily monitoring of In-home gas monitors and AreaRaes <p>Containment/ Roads/ Sinkhole</p> <ul style="list-style-type: none"> - Daily berm inspections <p>Tomorrow's Activities</p> <ul style="list-style-type: none"> - Conduct daily well readings and flare maintenance - Conduct daily berm inspections - Continue enhanced gas production on ORW-55 and GOW-9-1 - Continue daily dewatering of ORWs 54, 57 and 59 - Begin ICON (EMO Sampling Party) ORWs 13, 14, 15, 28, 41 and 48 - Weekly outfall sampling <p>Sinkhole Activity – Yellow</p>
<p>3.0 EXECUTION add safety information as appropriate</p>	
<p>GENERAL OUTLINE</p> <p>PROMPTS: Strategies & tactics (current/proposed/alternate)</p>	<p>Safety Information: See Attached Safe Work Rules Reference IAP dated 8/9/12</p> <p>Additional to our Safe Work Rules for this project we are adding the awareness of insects, reptiles and animals.</p>

<p>REFERENCE: Appreciation, Control Options</p>	<p>Inspect location for flammability Daily Safety Meetings PPE Required on site: Respirator w/ VOC Cartridge, Gloves for sampling, eye protection, life preservers, hearing protection.</p>
<p>GROUPINGS</p>	<p>NA</p>
<p>TASKS Including PR & Media</p>	<p>Same as above</p>
<p>COORDINATING INSTRUCTIONS</p> <p>PROMPTS: Timings, routes, assembly areas, staging areas</p>	<p>Texas Brine Grand Bayou Facility will be used as staging area.</p>
<p>4.0 ADMINISTRATION (Logistics support)</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>SUPPLY WHO, WHAT, WHERE, WHEN of resources not readily available</p>	<p>NA</p>
<p>GROUND SUPPORT Transport of personnel, traffic mgt, refuelling, mechanical repair/maintenance</p>	<p>NA</p>
<p>COMMUNICATIONS Installation, maintenance, technical advice</p>	<p>Cell Phone & Landline Communications: Chad Morales – Area Manager – Scott Borne – Facility Manager – (██████████) sborne@texasbrine.com Joel Miller, PE – Consultant – (██████████) (██████████) joel.miller@cox-internet.com Bruce Martin – Operations/PR – (██████████) (██████████) bmartin@texasbrine.com Mark Cartwright – Technical/Engineering – (██████████) (██████████) mcartwright@unitedbrine.com</p>

	Scott Whitelaw – Environmental/Safety – () swhitelaw@tum.com
STAGING AREA/ FCP Setting up, communications, staffing	Texas Brine Grand Bayou Facility 1301 Hwy 70 South, Belle Rose, La 70341
5.0 ADMINISTRATION (Logistics services)	
PROMPTS: Unit names, locations, contact names, phone no's, timings, duties/tasks, routes, suppliers, quantities, status (required, organised, stand by, enroute)	
FACILITIES Security, waste, cleaning	NA
CATERING	NA
OH&S/MEDICAL Medical plan, first aid plan	Call 911
FINANCE	NA
TRAVEL	NA
INDUCTION/ TRAINING	NA
ACCOMMODATION	NA
6.0 CONTROL, COORDINATION & COMMUNICATION	
CONTROL & COORDINATION STRUCTURE REFERENCE Structural Chart	Plant Management Supervision / Contractor Work
COORDINATION & LIAISON	NA

Local knowledge, police, agency reps, emergency mgt reps	
COMMUNICATIONS PROMPTS Communications structure, operational comms plan, information mgt	Plant Management – Contractor Communication via Cell Phone

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

Belle Rose, Louisiana, United States

Today's Forecast: Wednesday, 29 Jul 2015

97°F
77°F



Sky Conditions: Scattered Thunderstorms

Sunrise: 6:21 AM **Sunset:** 7:59 PM





Wind: N (358°) @ 7Mph

Precipitation Probability: 40%

[View your complete Local Weather »](#)

Extended Forecast

[Full 10-Day Forecast »](#)

Thursday 30 Jul 2015	Friday 31 Jul 2015	Saturday 1 Aug 2015	Sunday 2 Aug 2015
			
PM Thunderstorms 94°F 75°F	Scattered Thunderstorms 94°F 75°F	Mostly Sunny 97°F 73°F	Mostly Sunny 96°F 74°F

Detailed Forecast

Today:

Scattered thunderstorms. High 97F. Winds N at 5 to 10 mph. Chance of rain 40%.

Tonight:

Partly to mostly cloudy skies with scattered thunderstorms before midnight. Low 77F. Winds light and variable. Chance of rain 40%.

Tomorrow:

Thunderstorms developing in the afternoon. Highs in the mid 90s and lows in the mid 70s.

2] TBC Sinkhole Worker Seismic Alert

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The four Sinkhole Worker Safety Seismic Alert levels (Table 2) are defined as:

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The current sinkhole seismic alert level will be posted near the Access Approval log sign-in.

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Table 2. Alert status, criteria and response for TBC Sinkhole Worker Safety Seismic Alerts.

Input Data: MEQ and VLP auto and analyst detections posted on Nanometrics Athena Website		
Sinkhole Area	Criteria	Response
Green	# MEQ + VLP < 50 per day	Daily update by 7 AM Central time to Athena website and email notification with updated count of VLP and MEQ.
Yellow	# MEQ+VLP ≥50 and <100 per day	Daily update by 7 AM Central time to Athena website and email notification with updated count of VLP and MEQ.
Orange	# MEQ+VLP ≥100 and <150 per day	Daily update by 7 AM Central time to Athena website and email notification with updated count of VLP and MEQ.
Red	# MEQ+VLP ≥150 per day	Twice daily update by 7 AM and 5 PM Central time to Athena website and email and SMS text notification with updated count of VLP and MEQ.
VLP	VLP analyst counts > 5 per day	Additional email update within 24 hours with field observations. Additional data analysis will be provided as necessary, or other specific information requested by LDNR/OC.