

INCIDENT ACTION PLAN

Be brief and concise with your entries

Location	Control Level	Operational Period
Bayou Corne Sink Hole	Company Supervisory	8/20/12 From 07:00 To 16:00

1.0 SITUATION Disease, community, environment PROMPTS: Weather, disease trends, Resources, Hazards & safety REFERENCE: Maps, weather reports, Sitreps, appreciation, warnings, alerts	CURRENT Sunny @ 08:00
	PREDICTED Isolated thunderstorms
2.0 OBJECTIVES (or MISSION) PROMPTS: Time & space REFERENCE: Appreciation – control options, courses open to disease	CURRENT Gas monitors are set up for 24 hour monitoring. See attached for monitor positions. Also see attached for monitor result summary. Sink hole observation map. See attached. Assess the need for additional boom. Continue water sampling. Assess the need to continue the d-con station located at the boat launch. Tilt meters to be installed later this week.

	<div data-bbox="493 205 672 237" data-label="Text">ALTERNATE</div>
<div data-bbox="168 405 792 443" data-label="Section-Header"> 3.0 EXECUTION add safety information as appropriate </div>	
<div data-bbox="168 493 457 525" data-label="Section-Header">GENERAL OUTLINE</div> <div data-bbox="168 556 423 625" data-label="Text"> PROMPTS: Strategies & tactics (current/proposed/alternate) </div> <div data-bbox="168 646 436 695" data-label="Text"> REFERENCE: Appreciation, Control Options </div>	<div data-bbox="493 504 1425 779" data-label="Text"> <p>Safety Information: See Attached Safe Work Rules Reference IAP dated 8/9/12 Additional to our Safe Work Rules for this project we are adding the awareness of insects, reptiles and animals. 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> </div>
<div data-bbox="168 1012 355 1043" data-label="Section-Header">GROUPINGS</div>	<div data-bbox="493 1022 534 1054" data-label="Text">NA</div>
<div data-bbox="168 1234 271 1264" data-label="Section-Header">TASKS</div> <div data-bbox="168 1266 365 1289" data-label="Text">Including PR & Media</div>	<div data-bbox="493 1234 706 1264" data-label="Text">Same as above</div>
<div data-bbox="168 1444 402 1507" data-label="Section-Header">COORDINATING INSTRUCTIONS</div> <div data-bbox="168 1535 404 1604" data-label="Text"> PROMPTS: Timings, routes, assembly areas, staging areas </div>	<div data-bbox="493 1444 1378 1476" data-label="Text">Texas Brine Grand Bayou Facility will be used as staging area.</div>
<div data-bbox="168 1690 786 1726" data-label="Section-Header"> 4.0 ADMINISTRATION (Logistics support) </div> <div data-bbox="168 1761 1421 1810" data-label="Text"> PROMPTS: Unit names, locations, contact names, phone no's, timings, duties/tasks, routes, suppliers, quantities, status (required, organised, stand by, enroute) </div>	
<div data-bbox="168 1850 289 1879" data-label="Section-Header">SUPPLY</div> <div data-bbox="168 1881 448 1927" data-label="Text"> WHO, WHAT, WHERE, WHEN of resources not readily </div>	<div data-bbox="493 1850 531 1879" data-label="Text">NA</div>

available	
GROUND SUPPORT Transport of personnel, traffic mgt, refuelling, mechanical repair/maintenance	NA
COMMUNICATIONS Installation, maintenance, technical advice	Cell Phone & Landline Communications: Kenneth Blanchard – Area Manager – 985 [REDACTED] (985 [REDACTED]) kblanchard@texasbrine.com Scott Borne – Facility Manager – 985 [REDACTED] (985 [REDACTED]) sborne@texasbrine.com Joel Miller, PE – Consultant – 337 [REDACTED] (337 [REDACTED]) joel.miller@cox- internet.com Bruce Martin – Operations/PR – 713 [REDACTED] (281 [REDACTED]) bmartin@texasbrine.com Mark Cartwright – Technical/Engineering – 713 [REDACTED] (281 [REDACTED]) mcartwright@unitedbrine.com Scott Whitelaw – Environmental/Safety – 713 [REDACTED] (713 [REDACTED]) 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 <small>REFERENCE Structural Chart</small>	Plant Management Supervision / Contractor Work
COORDINATION & LIAISON <small>Local knowledge, police, agency reps, emergency mgt reps</small>	NA
COMMUNICATIONS <small>PROMPTS Communications structure, operational comms plan, information mgt</small>	Plant Management – Contractor Communication via Cell Phone

EXTRAS	
Attachments <small>PROMPTS:: maps, weather, organisational charts, resources, comms diagram</small>	Site Map Current Weather Safe Work Rules Safety Training Log
Plan developers <small>PROMPTS PO, Logs Mgr, Controller</small>	NA
Approval <small>Controller, Ops Director</small>	TBC Company Rep: <i>Scott Borne</i> FOSC: SOSC: POSC:

INCIDENT BRIEFING	1. Incident Name Grand Bayou Corne Sink Hole	2. Date 8/20/2012	3. Time 07:00-18:00															
4. Map Sketch																		
5. Current Organization																		
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Air																		
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Air Support																		
Air Attack																		
Air Tanker Coord,																		
Helicopter Coord.																		
Page 1 of	6. Prepared by (Name and Position) Scott Whitelaw - EHS Manager																	

6. Resources Summary

[illegible][illegible]

Continuous air monitoring around the sink hole.

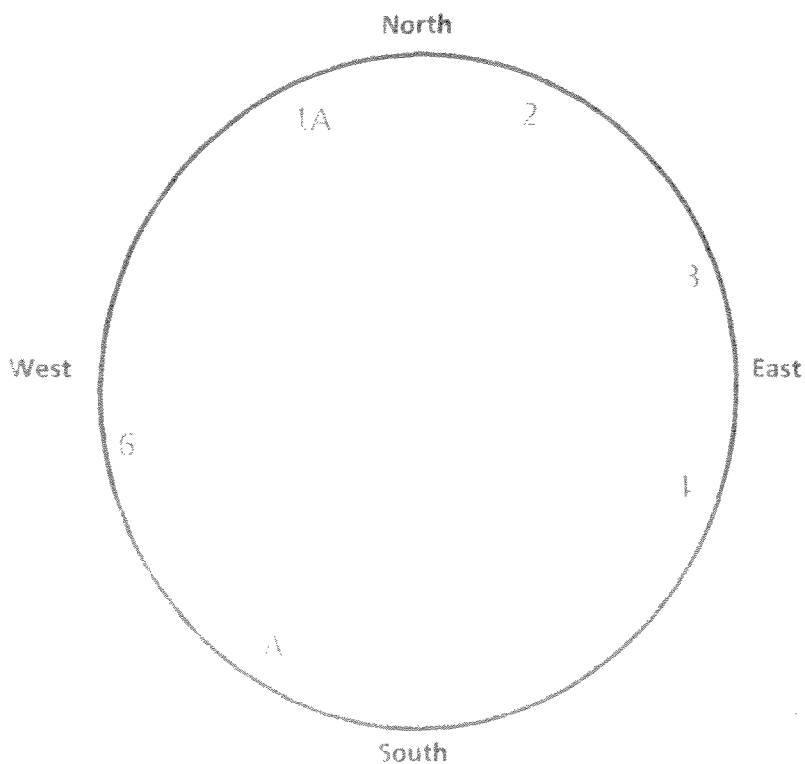
INCIDENT OBJECTIVES	1. Incident Name Bayou Corne Sink Hole	2. Date 8/20/12	3. Time 07:00
4. Operational Period 07:00 - 17:00 Every Day			
5. General Control Objectives for the Incident (include alternatives) Management Objectives Monitor air around sink hole for LEL, VOC, Oxygen, CO, and H2S Operational Objectives : Same as above			
6. Weather Forecast for Period			
7. General Safety Message			
8. Attachments (mark if attached)			
<input type="checkbox"/> Organization List - ICS 203 <input type="checkbox"/> Medical Plan - ICS 206 <input type="checkbox"/> (Other) <input type="checkbox"/> Div. Assignment Lists - ICS 204 <input type="checkbox"/> Incident Map <input type="checkbox"/> <input type="checkbox"/> Communications Plan - ICS 205 <input type="checkbox"/> Traffic Plan <input type="checkbox"/>			
9. Prepared by (Planning Section Chief)		10. Approved by (Incident Commander)	
INCIDENT OBJECTIVES	1. Incident Name Bayou Corne Sink Hole	2. Date 8/20/12	3. Time 07:00

ORGANIZATION ASSIGNMENT LIST					
1. Incident Name		IS 203 Operations Section			
Bayou Corne Sink Hole		Op's Chief			
2. Date	3. Time	Deputy			
8/20/12	06:00 - 18:00	a. Branch I			
4. Operational Period		Branch Director			
Everyday		Deputy			
Position	Name		Division/Group		
5. Incident Commander and Command Staff		Division/Group			
Incident Commander	Mark Cartwright		Division/Group		
Deputy	Kenneth Blanchard		Division/Group		
Safety Officer	Scott Whitelaw		Division/Group		
Information Officer	Bruce Martin		Division/Group		
Liaison Officer	Scott Borne		Staging Area		
6. Agency Representative		b. Branch II			
Agency	Name		Branch Director		
			Deputy		
			Division/Group		
			Division/Group		
			Division/Group		
			Division/Group		
			Division/Group		
			Staging Area		
7. Planning/Intelligence Section		c. Branch III			
Plans/Intel Chief			Branch Director		
Deputy			Deputy		
Resources Unit			Division/Group		
Situation Unit			Division/Group		
Documentation Unit			Division/Group		
Demobilization Unit			Division/Group		
Technical Specialists			Division/Group		
Human Resources			Division/Group		
Training			d. Air Operations Branch		
GIS			Air Operations Branch Director		
			Air Tactical Supervisor		
			Air Support Supervisor		
			Helicopter Coordinator		
			Air Tanker Coordinator		
8. Logistics Section		10. Finance/Administration Section			
Logistics Chief			Finance/Admin. Chief		
Deputy			Deputy		
Supply Unit			Time Unit		
Facilities Unit			Procurement Unit		
Ground Support Unit			Compensation/Claims Unit		
Communications Unit			Cost Unit		
Medical Unit					
Food Unit					

Bayou Corne Sinkhole

Date and Time: 8/19/12 - 8/20/12

	Time 7:00 p.m.	Time 10:00 p.m.	Time 1:00 a.m.	Time 4:00 a.m.
Tree 1	OK	OK	OK	OK
Tree 2	OK	OK	OK	OK
Tree 3	OK	OK	OK	OK
Tree 4	OK	OK	OK	OK
Tree 5	OK	OK	OK	OK
Tree 6	OK	OK	OK	OK




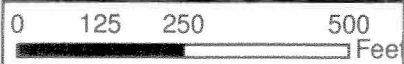
Sketch of the sinkhole for each tree and each night.

By: *William Buxton*
 William Buxton



Legend

-  Air Monitoring Stations (2012.08.17)
-  Board Road
-  Approximate Property Line
-  Sinkhole Extents (2012.08.14)



Texas Brine Air Monitoring Locations
8/17/2012 - current

MILLER ENGINEERS & ASSOCIATES, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
FRANKLIN, LA.

OXY #5 MONUMENT

N

1" = 400'

NOTE:

PROPERTY & LEASE LINES ARE APPROXIMATE ONLY.
THIS SKETCH DOES NOT REPRESENT A PROPERTY
BOUNDARY SURVEY.

OXY #4 MONUMENT

APPROX. EDGE
OF SLURRY PIT
8/4/12

T.B.M. 6
TB
WATER SAMPLES

WELL 1

TANK "W"

TANK "E"

T.B.M. 1

WATER WELL 1

T.B.M. 3C

T.B.M. 3A

WATER WELL 5

WATER WELL 2

T.B.M. 2

WELL 3

T.B.M. 3

WELL 2

T.B.M. 5

T.B.M. 3B

TBC LEASE LINE

WELL 9

CPS BASE

WELL 10

REFERENCE PT.

OXY GPS #4

T.B.M. 4

TEXAS BRINE COMPANY, LLC AND AFFILIATED COMPANIES

Safe Work Practices

UNDERGROUND
STORAGE, LLC



UNITEDBRINE
PIPELINE COMPANY

UNITEDBRINE
PIPELINE COMPANY

TEXAS BRINE COMPANY, LLC

UNDERGROUND
SERVICES MARKHAM, TX



RESPONSIBLE CARE
A COMMITMENT TO EXCELLENCE

American
Chemistry
Council



69°F Belle Rose, Louisiana

Enter City, State, Country or U.S. Zip code or Airport Id

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Belle Rose, Louisiana

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Current Conditions - °F | °C

As of 6:53 AM on Monday 20 Aug 2012 (Local Time) from KBTR Reporting Station



Few Clouds

69°F

Feels Like: 69°

Wind Chill: 69°
Heat Index: 69°
Dew Point: 69°
Humidity: 100%
Pressure: 29.9"

Ceiling: Unl
Visibility: 8mi
Wind: 0mph
Direction: NA NA
Gusts: NA

Report Text: KBTR 201153Z 00000KT 8SM FEW031 21/21
A2990 RMK AO2 SLP124 70019 T02060206 10217 20200 55002
\$

Today's Forecast

8 AM
Sunny

73°

9 AM
Sunny

77°

10 AM
Sunny

80°

Local Information

No Weather Alerts
for this location
[View Detailed Observations for the last
48 Hours · 14 Days](#)
[View Complete Hourly Forecast »](#)[Radar](#) · [Satellite](#) · [Surface Analysis](#)

Tropical Storm Tracking

Tropical Storm Gordon
ATLANTIC TRACK

Maps:

- » [Current Track](#)
- » [Visible Satellite](#)
- » [Infrared Satellite](#)

Bulletins:

- » [Advisory](#)
- » [Storm Log](#)

Additional Resources:

- » [Watches & Warnings](#)
- » [Severe Outlook Today](#)
- » [Severe Outlook Tomorrow](#)
- » [Lightning Strikes](#)
- » [Hurricane Season Summaries](#)

New Forecast Map Updates
Plan your seasonal activities better

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10 Day Forecast - °F | °C

[View the Detailed Extended Forecast »](#)

mon	tue	wed	thu	fri	sat	sun	mon	tue	wed
aug 20	aug 21	aug 22	aug 23	aug 24	aug 25	aug 26	aug 27	aug 28	aug 29
Iso T-Storms	P Cloudy	Sct T-Storms	Iso T-Storms	Sct T-Storms	Sct T-Storms	Iso T-Storms	P Cloudy	P Cloudy	M Sunny
87° 71°	89° 72°	87° 72°	86° 74°	85° 74°	86° 74°	87° 74°	90° 74°	90° 74°	88° 75°

Details for Monday, August 20

Morning sunshine will give way to isolated thunderstorms this afternoon. High 87F. Winds light and variable. Chance of rain 30%.

Evening: A stray thunderstorm is possible through the evening. Partly cloudy. Low 71F. Winds light and variable.

UV Index: 11 (Extreme)

Relative Humidity: 73%

Precipitation: 30%

Snow: 0%

Cloud Coverage: 35%

Sunrise: 6:35 AM

Sunset: 7:39 PM

Moonrise: 9:36 AM

Moonset: 9:25 PM



Moonphase:

Waxing Crescent

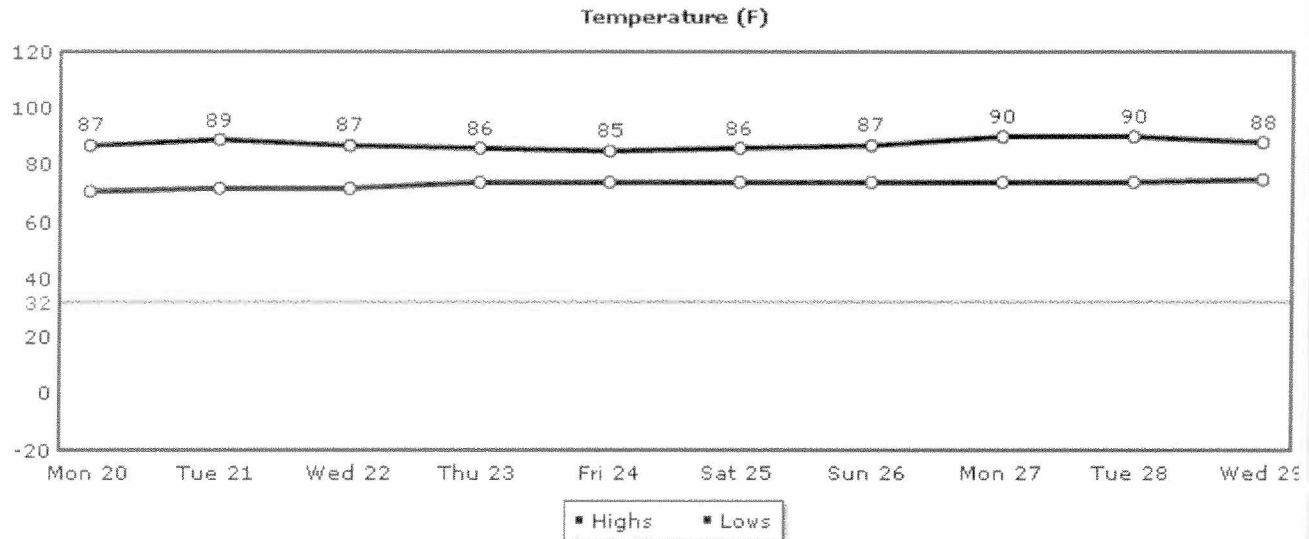


Direction: NNE (32°)

Speed: 4Mph(6Km, 3Kts)

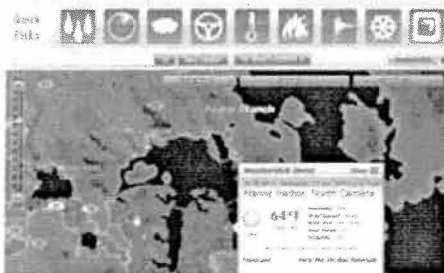
Daily Forecast Chart

Chart Options: Temperature ▾



Temperature UV Index Relative Humidity Precipitation Snow Clouds Wind

Daily Forecast Hourly Forecast Past Observations Historic Averages

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- US Current Weather
- Global Weather Maps
- Weather Analysis Charts
- Active Storm Track
- Weather Tools

Weather Center**Weather Alerts**

Current National Weather Service Watches and Warnings by type and state throughout the United States.

**Ski & Snow**

The Ski & Snow Section is where you can get the latest ski resort conditions and snow forecasts.