

INCIDENT ACTION PLAN

Be brief and concise with your entries

Location Bayou Corne Sink Hole	Control Level Company Supervisory	8/11/12 From 06:00 To 20:00
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<p>1.0 SITUATION 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</p> <p>Heavy Rain @ 08:00</p>
	<p>PREDICTED</p> <p>Rain and Isolated Thunderstorms</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>Clean Harbors to begin clean up. Clean Harbors setting up gas monitoring system. See attached memo for additional information.</p>
	<p>ALTERNATE</p>
<p>3.0 EXECUTION add safety information as appropriate</p>	
<p>GENERAL OUTLINE</p> <p>PROMPTS: Strategies & tactics (current/proposed/alternate)</p> <p>REFERENCE: Appreciation, Control Options</p>	<p>Safety Information: See Attached Safe Work Rules Reference IAP dated 8/9/12</p> <p>Inspect location for flammability</p> <p>Daily Safety Meetings</p> <p>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</p>	<p>Same as above</p>

Including PR & Media	
<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</p> <p>WHO, WHAT, WHERE, WHEN of resources not readily available</p>	<p>NA</p>
<p>GROUND SUPPORT</p> <p>Transport of personnel, traffic mgt, refuelling, mechanical repair/maintenance</p>	<p>NA</p>
<p>COMMUNICATIONS</p> <p>Installation, maintenance, technical advice</p>	<p>Cell Phone & Landline Communications: Kenneth Blanchard – Area Manager – 985-369-6657 (985-637-9774) kblanchard@texasbrine.com Scott Borne – Facility Manager – 985-369-6657 (985-637-9778) sborne@texasbrine.com Joel Miller, PE – Consultant – 337-828-1950 (337-578-3211) joel.miller@cox-internet.com Bruce Martin – Operations/PR – 713-877-2747 (281-808-5200) bmartin@texasbrine.com Mark Cartwright – Technical/Engineering – 713-877-2634 (281-744-4806) mcartwright@unitedbrine.com Scott Whitelaw – Environmental/Safety – 713-877-2729 (713-202-0452) swhitelaw@tum.com</p>
<p>STAGING AREA/ FCP</p> <p>Setting up, communications, staffing</p>	<p>Texas Brine Grand Bayou Facility 1301 Hwy 70 South, Belle Rose, La 70341</p>
<p>5.0 ADMINISTRATION (Logistics services)</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>FACILITIES</p> <p>Security, waste, cleaning</p>	<p>NA</p>
<p>CATERING</p>	<p>NA</p>

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 Local knowledge, police, agency reps, emergency mgt reps	NA
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	Site Map Current Weather Safe Work Rules Safety Training Log

Plan developers PROMPTS PO, Logs Mgr, Controller	NA
Approval Controller, Ops Director	TBC Company Rep: FOSC: SOSC: POSC:

Memo

Date: 8/11/12

To whom it may concern,

From: Joel Warneke

Subject: Daily work on Grand Bayou sink-hole and future work.

Satellite Subsidence InSAR – PO is in place to obtain and process historical surface deformation data. This data will be used to compare the past to the future studies.

Sinkhole Water Column Profiling – Bill Goodman and Scott Whitelaw put together a plan to profile the salinity of the sinkhole. This is done to make sure that any impact to the freshwater zone can be tracked. They will be using Miller and Associates to help with the work.

Overburden Characterization Hole – The vendor that drilled the hole at Avery Island was located and contacted. The company was Prosonic, which in turn, was bought by Boart Longyear. The sonic rig was located in Ocala, FL and a quote has been solicited. The rig is available starting in September. A request has been put in to see if that date can be moved up.

MicroSeismic – Chevron is going to put in an order for the microseismic stations. I am currently working with them and their vendor (ESG) to see about expanding the network if the experts feel this is needed.

Drilling of Re-entry – Jeff McCartney and Leroy Arabie have submitted a draft drilling proposal. Jeff McCartney has contacted the LaDNR about the drilling permit and is working to get this task complete. The State has said that the well will be a Class V “observation” well. Leroy Arabie has located a rig that can be used to rig up on Oxy 9 without the need for a Corp of engineers permit. Joel Warneke had a discussion with the corp of engineers about an emergency permit for the “observation well” they said that they can issue a NOC20 permit. This will allow for an emergency well location to be constructed ASAP.

Sink-hole – Bill Goodman has a plan in place to do a complete sinkhole characterization. The instruments are being purchased and the work will commence when they arrive on site.

INCIDENT BRIEFING

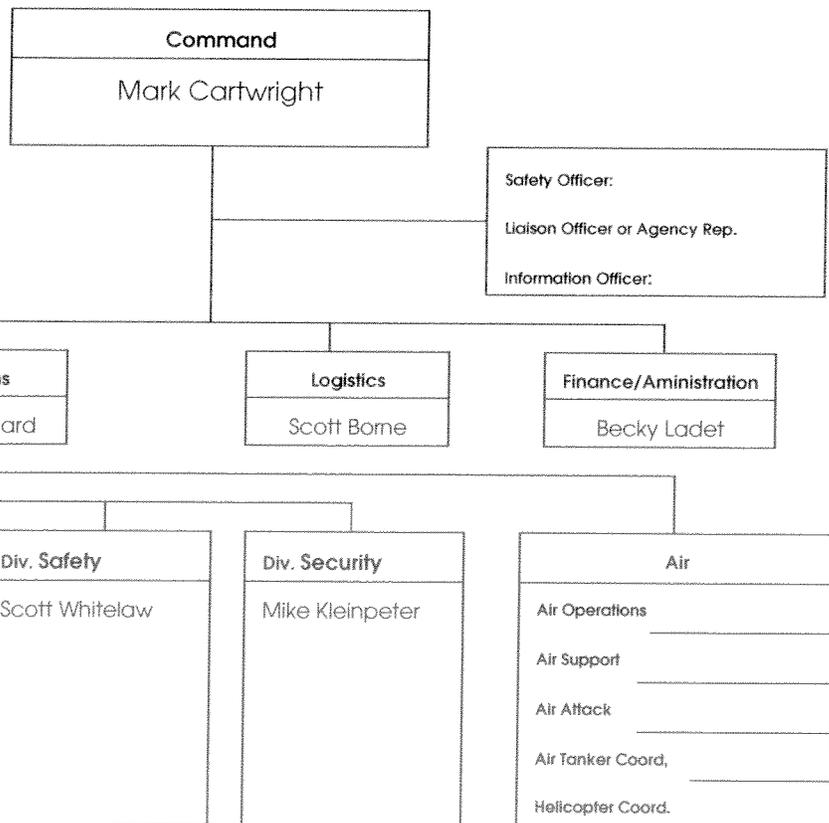
1. Incident Name
Grand Bayou Come Sink Hole

2. Date
8/11/2012

3. Time
06:00-20:00

4. Map Sketch

5. Current Organization



INCIDENT OBJECTIVES	1. Incident Name Boyou Corne Sink Hole	2. Date 8/11/12	3. Time 06:00
4. Operational Period 06:00 - 20:00 Every Day			
5. General Control Objectives for the Incident (include alternatives) Management Objectives : Survey Sink Hole Remediate Sink Hole Sample Sink Hole 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)		

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9. Prepared by (Planning Section Chief)		10. Approved by (Incident Commander)	

ORGANIZATION ASSIGNMENT LIST

1. Incident Name Bayou Corne Sink Hole		IS 203	Operations Section
2. Date 8/11/12		3. Time 06:00 - 18:00	Op's Chief
4. Operational Period Everyday		Deputy	
Position	Name	a. Branch I	
5. Incident Commander and Command Staff		Branch Director	
Incident Commander	Mark Cartwright	Deputy	
Deputy	Kenneth Blanchard	Division/Group	
Safety Officer	Scott Whitelaw	Division/Group	
Information Officer	Bruce Martin	Division/Group	
Liaison Officer	Scott Borne	Division/Group	
6. Agency Representative		Division/Group	
Agency	Name	Staging Area	
		b. Branch II	
		Branch Director	
		Deputy	
		Division/Group	
		Staging Area	
7. Planning/Intelligence Section			
Plans/Intel Chief		c. Branch III	
Deputy		Branch Director	
Resources Unit		Deputy	
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			

Prepared by (Resource Unit Leader)

79°F Belle Rose, Louisiana

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

Local Weather

Local National Global Storms Health Travel Community Forecast Current Radar Satellite wxMap iNav

Weather Report

Home » Local » Weather Report

Belle Rose, Louisiana

Weather Report | Interactive Weather Map | Extended Forecast | Hourly Forecast | Past Observations | Historic Averages | Related

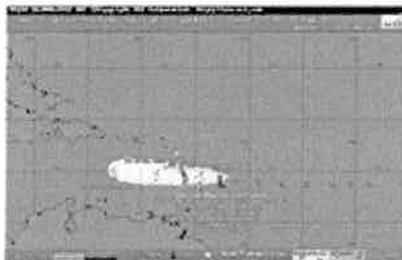
Current Conditions - °F | °C

As of 7:02 AM on Saturday 11 Aug 2012 (Local Time) from KBTR Reporting Station

Overcast 79°F Feels Like: 82° Wind Chill: 79° Ceiling: 1800 Heat Index: 82° Visibility: 8mi Dew Point: 75° Wind: 10mph Humidity: 89% Direction: 220° (SW) Pressure: 29.9" Gusts: 20mph Report Text: KBTR 111202Z AUTO 22009G17KT 8SM SCT009 OVC018 26/24 A2990 RMK AO2 TSNO	Today's Forecast		No Weather Alerts for this location
	8 AM Sct T-Storms 79°	9 AM Hvy T-Storms 82°	
View Detailed Observations for the last 48 Hours · 14 Days	View Complete Hourly Forecast »	Radar · Satellite · Surface Analysis	

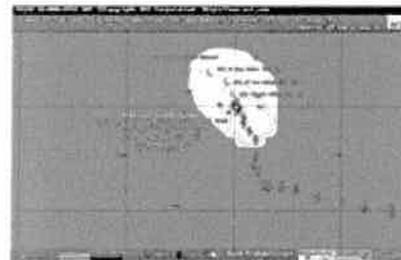
Tropical Storm Tracking

Tropical Depression 7



Current Track | Visible | Infrared

Tropical Storm Gilma



Current Track | Visible | Infrared

[View Complete Tropical Storm Track List »](#)

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10 Day Forecast - °F | °C

[View the Detailed Extended Forecast »](#)

sat	sun	mon	tue	wed	thu	fri	sat	sun	mon
aug 11	aug 12	aug 13	aug 14	aug 15	aug 16	aug 17	aug 18	aug 19	aug 20
Hvy T-Storms	Iso T-Storms	P Cloudy	Sct T-Storms	Sct T-Storms	Iso T-Storms				
93° 74°	92° 76°	89° 76°	89° 76°	90° 76°	90° 76°	90° 75°	88° 75°	87° 74°	88° 75°

Details for Saturday, August 11

Thunderstorms - some may contain locally heavy rain, especially during the morning hours. High 93F. Winds SW at 5 to 10 mph. Chance of rain 80%. Locally heavier rainfall possible.

Evening: Isolated thunderstorms this evening. Skies will become partly cloudy after midnight. Low 74F. Winds light and variable. Chance of rain 30%.

UV Index: 9 (Very High) Relative Humidity: 67% Precipitation: 80% Snow: 0% Cloud Coverage: 68%

Sunrise: 6:30 AM
Sunset: 7:48 PM

Moonrise: 1:05 AM
Moonset: 3:15 PM



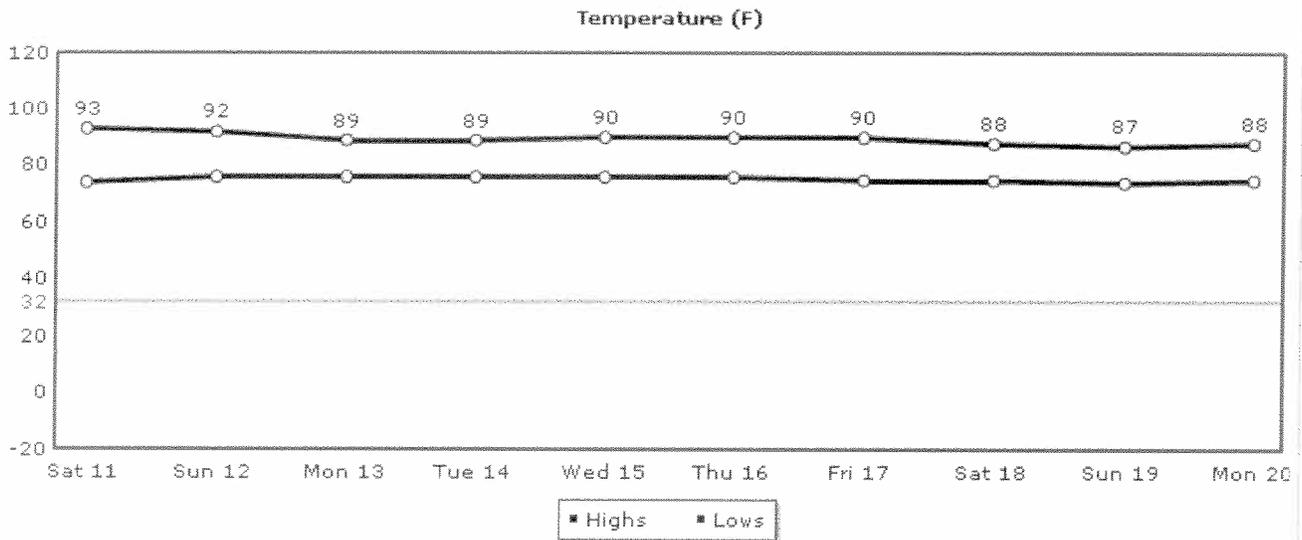
Moonphase:
Waning Crescent



Direction: SW (233°)
Speed: 9Mph(14Km, 7Kts)

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

OXY #5 MONUMENT

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

T.B.M. 3A

T.B.M. 3C

T.B.M. 5

T.B.M. 3B

T.B.M. 4

WELL 1

TANK "W"

TANK "E"

WATER WELL 1

WATER WELL 5

WATER WELL 2

WELL 3

T.B.M. 3

WELL 2

T.B.M. 2

TBC LEASE LINE

WELL 9

GPS BASE

WELL 10

REFERENCE PT.

OXY GPS #4

TEXAS BRINE COMPANY, LLC AND AFFILIATED COMPANIES

Safe Work Practices

UNDERGROUND

STORAGE, LLC



UNITEDBRINE
PIPELINE COMPANY

UNITEDBRINE
SOLUTIONS COMPANY

TEXAS BRINE COMPANY, LLC

UNDERGROUND

SERVICES MARKHAM, LLC



RESPONSIBLE CARE

American
Chemistry
Council



SAFETY LOG SIGN-IN SHEET

COMPANY: Texas Brine
LOCATION: Grand Bayou
DATE: 8/11/12
HOURS: _____
TOPICS/PURPOSE: Sink hole Clean up
CONDUCTED BY: Scott Borne

PERSONS ATTENDING:

PRINT NAME	& SIGNATURE
<u>JOHN TRIFGLK</u>	<u>John Trifglk</u>
<u>EARL VANACOR</u>	<u>Earl Vanacor</u>
<u>Eddie Bailey Jr</u>	<u>Eddie Bailey Jr</u>
<u>Jacob Boudreaux</u>	<u>Jacob Boudreaux</u>
<u>Jules Johnson</u>	<u>Jules Johnson</u>
<u>Jason Poirier</u>	<u>Jason Poirier</u>
<u>Jordan Brasseaux</u>	<u>Jordan Brasseaux</u>
<u>Carlton Craft</u>	<u>Carlton Craft</u>
<u>Brandon Espree</u>	<u>Brandon Espree</u>
<u>Carl Borne Jr</u>	<u>Carl Borne Jr</u>
<u>Kevin Miller</u>	<u>Kevin Miller</u>
<u>James Haack</u>	<u>James Haack</u>
<u>Brandon Herbel</u>	<u>Brandon Herbel</u>

PERSONS ATTENDING:

