

# INCIDENT ACTION PLAN

Be brief and concise with your entries

<b>Location</b> <b>Bayou Corne</b> <b>Sink Hole</b>	<b>Control Level</b> <b>Company Supervisory</b>	<b>Operational Period</b> 8/22/12 From 07:00 To 18:00
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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>CURRENT Sunny @ 08:00</p>
	<p>PREDICTED <b>Isolated thunderstorms</b></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>CURRENT <b>Objective 1 - Gas Monitoring:</b></p> <p><b>6 Gas Monitors have been set up in the field and are obtaining data on a continuous basis. (See Attached Map for Locations)</b></p> <p><b>The monitors are running on batteries which must be changed out every morning. Three monitors are located in the swamp and are required to be reached via airboats launched from TBC facilities.</b></p> <p><b>The continuous monitoring data is collected at an office trailer located at Texas Brine Grand Bayou Facility. Monitoring the information on a 24 hours basis.</b></p> <p><b>Monitoring is being recorded for LEL, VOC, H2S and O2.</b></p> <p><b>Elevation survey taking place Monday, Wednesday, and Friday.</b></p> <p><b>Installation of Tilt meters. See attached IAP</b></p> <p><b>Sink hole observation map. See attached.</b></p>

	<p>ALTERNATE</p>
<p><b>3.0 EXECUTION</b> add safety information as appropriate</p>	
<p><b>GENERAL OUTLINE</b></p> <p>PROMPTS: Strategies &amp; tactics (current/proposed/alternate)</p> <p>REFERENCE: Appreciation, Control Options</p>	<p><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>
<p><b>GROUPINGS</b></p>	<p><b>NA</b></p>
<p><b>TASKS</b> Including PR &amp; Media</p>	<p><b>Same as above</b></p>
<p><b>COORDINATING INSTRUCTIONS</b></p> <p>PROMPTS: Timings, routes, assembly areas, staging areas</p>	<p><b>Texas Brine Grand Bayou Facility will be used as staging area.</b></p>
<p><b>4.0 ADMINISTRATION</b> (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><b>SUPPLY</b> WHO, WHAT, WHERE, WHEN of resources not readily</p>	<p><b>NA</b></p>

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> Kenneth Blanchard – Area Manager – 985-██████████-██████████ kblanchard@texasbrine.com Scott Borne – Facility Manager – 985-██████████-5-██████████ sborne@texasbrine.com Joel Miller, PE – Consultant – 337-██████████-7-██████████.l.miller@cox-internet.com Bruce Martin – Operations/PR – 713-██████████-1-██████████ bmartin@texasbrine.com Mark Cartwright – Technical/Engineering – 713-██████████-81-██████████ mcartwright@unitedbrine.com Scott Whitelaw – Environmental/Safety – 713-██████████-13-██████████ swhitelaw@tum.com
<b>STAGING AREA/ FCP</b> Setting up, communications, staffing	<b>Texas Brine Grand Bayou Facility</b> 1301 Hwy 70 South, Belle Rose, La 70341
<b>5.0 ADMINISTRATION (Logistics services)</b>	
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>

ACCOMMODATION	NA
<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	NA
<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>Site Map</b> <b>Current Weather</b> <b>Safe Work Rules</b> <b>Safety Training Log</b>
<b>Plan developers</b> PROMPTS PO, Logs Mgr, Controller	NA
<b>Approval</b> Controller, Ops Director	<b>TBC Company Rep:</b> <i>Scott Byrne</i> <b>FOSC:</b> <b>SOSC:</b> <b>POSC:</b>

**INCIDENT BRIEFING**

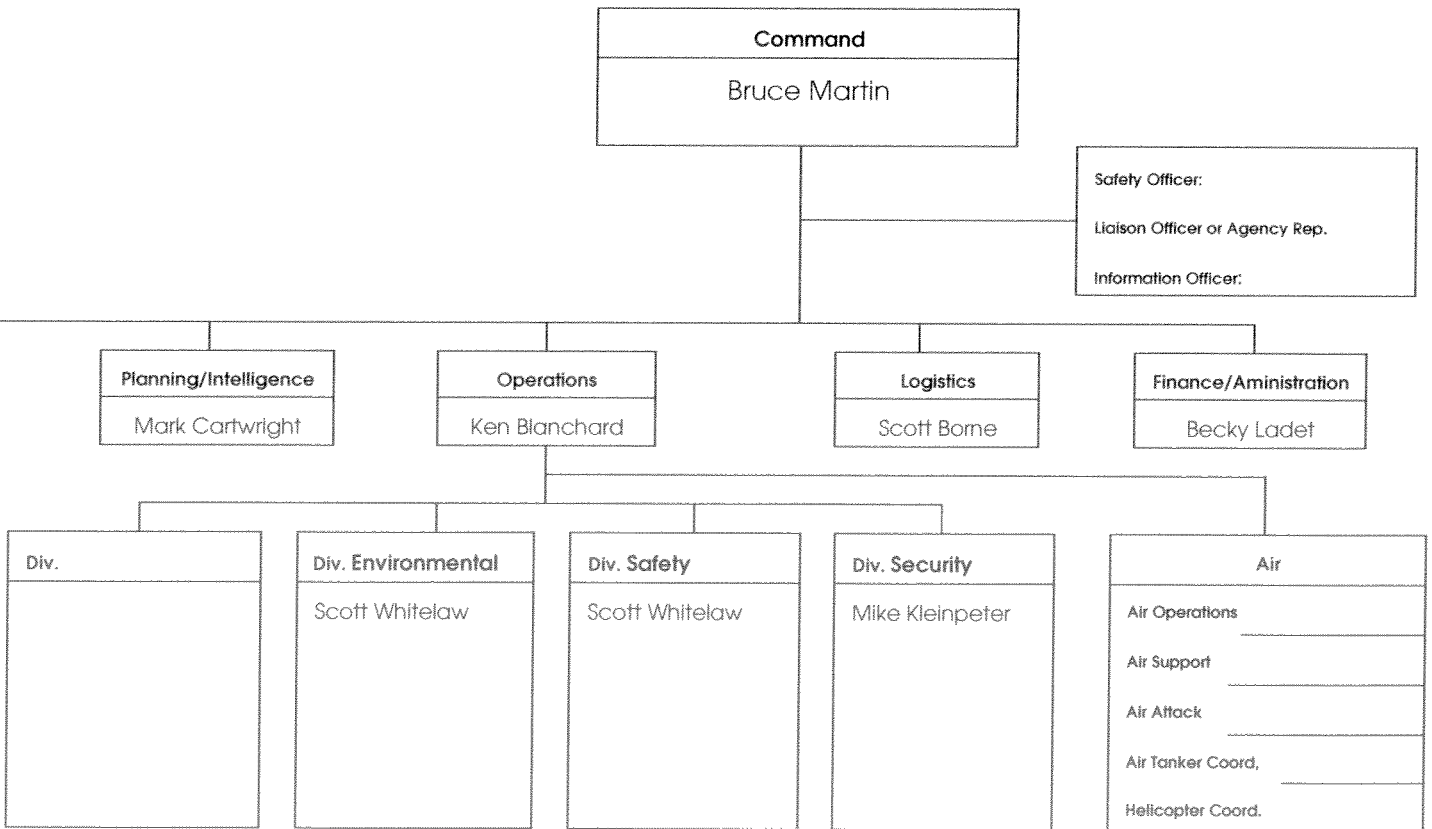
1. Incident Name  
Grand Bayou Corne Sink Hole

2. Date  
8/22/2012

3. Time  
07:00-18:00

**4. Map Sketch**

**5. Current Organization**





<b>INCIDENT OBJECTIVES</b>	1. Incident Name Bayou Corne Sink Hole	2. Date 8/22/12	3. Time 07:00
4. Operational Period 07:00 - 17:00 Every Day			
5. General Control Objectives for the Incident (include alternatives) <b>Management Objectives</b> Monitor air around sink hole for LEL, VOC, Oxygen, CO, and H2S Installation of inclinometers  <b>Operational Objectives :</b> Same as above			
6. Weather Forecast for Period			
7. General Safety Message			
8. <b>Attachments (mark if attached)</b>			
<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)	
<b>INCIDENT OBJECTIVES</b>	1. Incident Name Bayou Corne Sink Hole	2. Date 8/22/12	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

Installation of inclinometers

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)



**ORGANIZATION ASSIGNMENT LIST**

<b>1. Incident Name</b> Bayou Corne Sink Hole		ICS 203	<b>Operations Section</b>
<b>2. Date</b> 8/22/12		<b>3. Time</b> 06:00 - 18:00	<b>Op's Chief</b>
<b>4. Operational Period</b> Everyday		<b>Deputy</b>	<b>a. Branch I</b>
<b>Position</b>	<b>Name</b>	Branch Director	
<b>5. Incident Commander and Command Staff</b>		Deputy	
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	
<b>6. Agency Representative</b>			<b>b. Branch II</b>
Agency	Name	Branch Director	
		Deputy	
		Division/Group	
		Division/Group	
		Division/Group	
		Division/Group	
		Division/Group	
		Staging Area	
<b>7. Planning/Intelligence Section</b>			<b>c. Branch III</b>
<b>Plans/Intel Chief</b>		Branch Director	
<b>Deputy</b>		Deputy	
Resources Unit		Division/Group	
Situation Unit		Division/Group	
Documentation Unit		Division/Group	
Demobilization Unit		Division/Group	
<b>Technical Specialists</b>		Division/Group	
Human Resources		Division/Group	
Training			<b>d. Air Operations Branch</b>
GIS		Air Operations Branch Director	
		Air Tactical Supervisor	
		Air Support Supervisor	
		Helicopter Coordinator	
		Air Tanker Coordinator	
<b>8. Logistics Section</b>		<b>10. Finance/Administration Section</b>	
<b>Logistics Chief</b>		<b>Finance/Admin. Chief</b>	
<b>Deputy</b>		<b>Deputy</b>	
Supply Unit		Time Unit	
Facilities Unit		Procurement Unit	
Ground Support Unit		Compensation/Claims Unit	
Communications Unit		Cost Unit	
Medical Unit			
Food Unit			

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. 3C

T.B.M. 3B

T.B.M. 4

T.B.M. 5

T.B.M. 3A

T.B.M. 3

T.B.M. 1

T.B.M. 2

TBC LEASE LINE

CPS BASE

REFERENCE PT.

OXY GPS #4

TB  
WATER SAMPLES

WELL 1

TANK "W"

TANK "E"

WATER WELL

WATER WELL 5

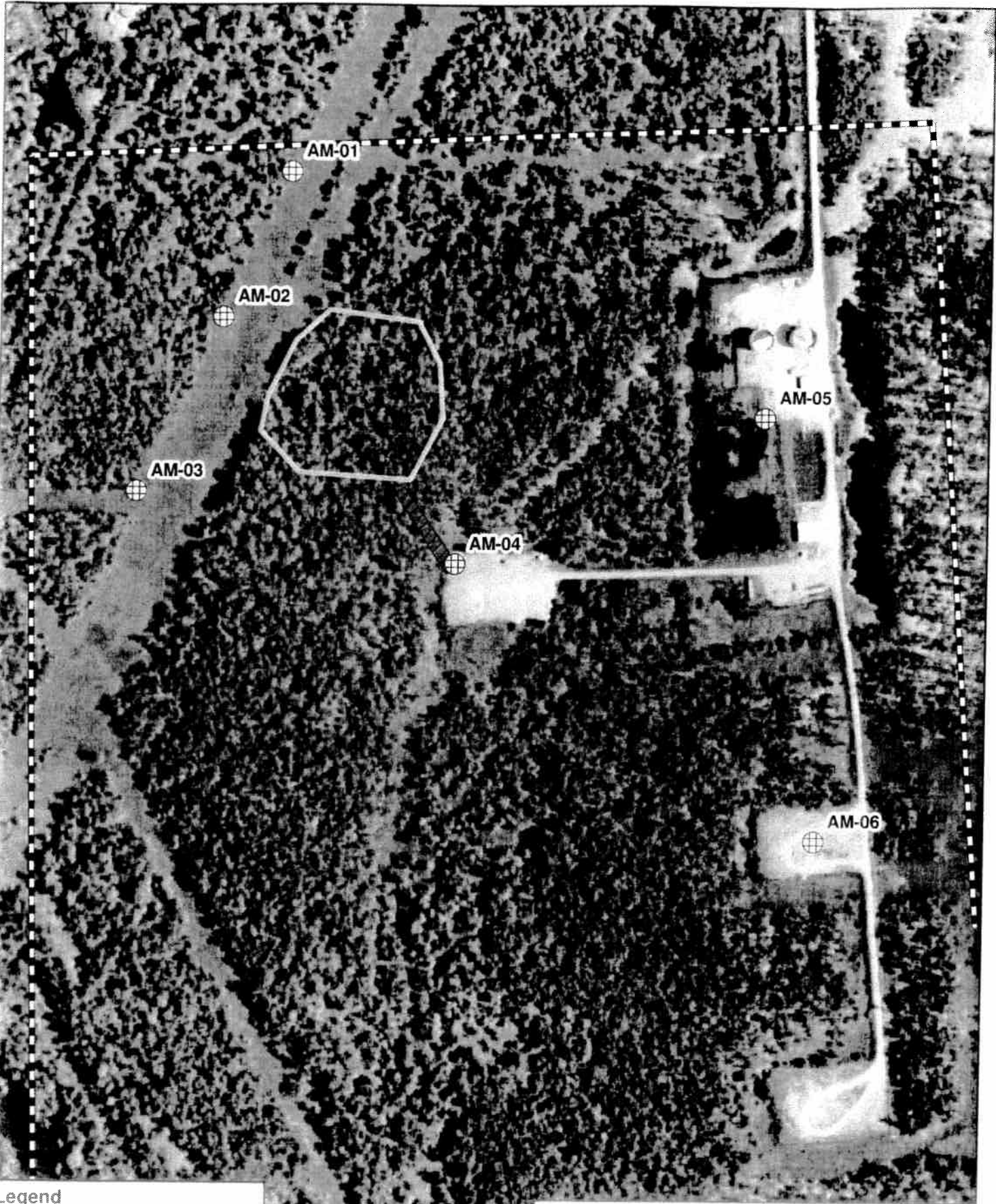
WATER WELL 2

WELL 3


WELL 2

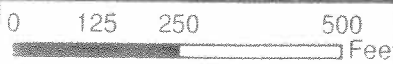
WELL 9

WELL 10



**Legend**

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

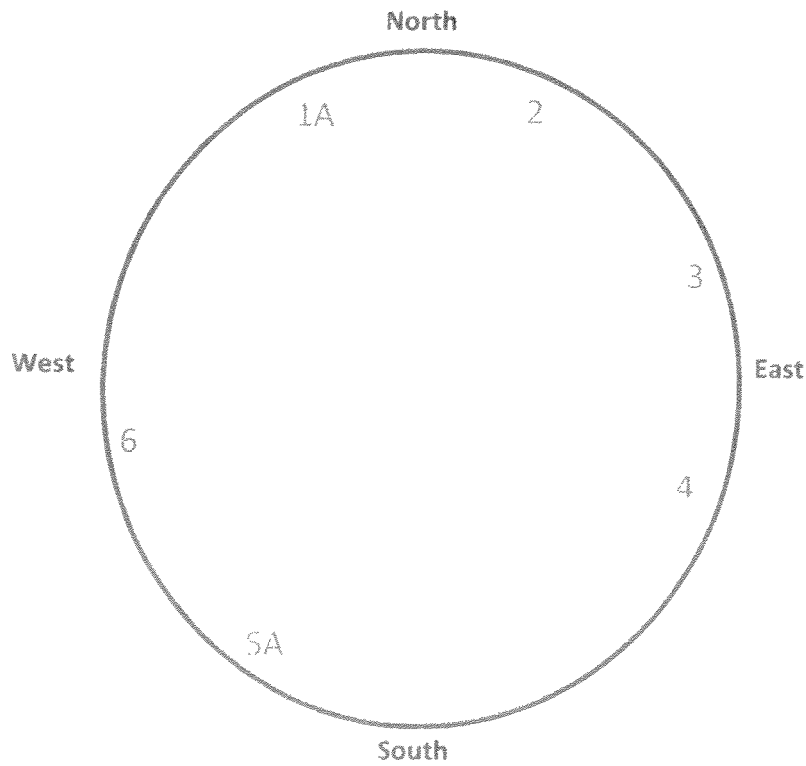


**Texas Brine Air Monitoring Locations**  
8/17/2012 - current

# Bayou Corne Sinkhole

Date and Time: 8-21-12 / 8-22-12

	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



NOTE: Coordinates for each tree are forth coming.

By: *Justin Burt*  
*Justin Burt*

72°F Belle Rose, Louisiana

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

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

Weather Report

Home » Local » Weather Report

Belle Rose, Louisiana

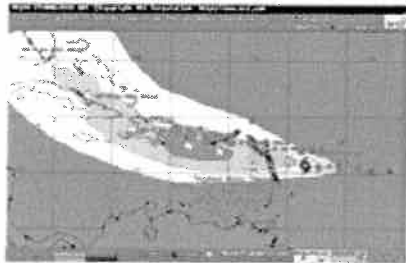
Weather Report | Interactive Weather Map | Extended Forecast | Hourly Forecast | Past Observations | Historic Averages | Related

Current Conditions - °F | °C As of 7:53 AM on Wednesday 22 Aug 2012 (Local Time) from KBTR Reporting Station

Clear <b>72°F</b> Feels Like: 72° Wind Chill: 72°    Ceiling: Unl Heat Index: 72°    Visibility: 10mi Dew Point: 66°    Wind: 3mph Humidity: 81%    Direction: NA NA Pressure: 30.07"    Gusts: NA <b>Report Text:</b> KBTR 221253Z VRB03KT 10SM CLR 22/19 A3007 RMK AO2 SLP180 T02220189	Today's Forecast		Local Information
	<b>9 AM</b> Iso T-Storms <b>78°</b>	<b>No Weather Alerts for this location</b>	
	<b>10 AM</b> Iso T-Storms <b>82°</b>		
	<b>11 AM</b> Iso T-Storms <b>84°</b>		
<a href="#">View Detailed Observations for the last 48 Hours · 14 Days</a>	<a href="#">View Complete Hourly Forecast »</a>	<a href="#">Radar</a> · <a href="#">Satellite</a> · <a href="#">Surface Analysis</a>	

Tropical Storm Tracking

Tropical Storm Isaac  
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

[Click here to learn more...](#)



10 Day Forecast - °F | °C

[View the Detailed Extended Forecast »](#)

wed	thu	fri	sat	sun	mon	tue	wed	thu	fri
aug 22	aug 23	aug 24	aug 25	aug 26	aug 27	aug 28	aug 29	aug 30	aug 31
Iso T-Storms	M Sunny	Iso T-Storms	Sct T-Storms	Sct T-Storms	Iso T-Storms	P Cloudy	Sct T-Storms	Sct T-Storms	Sct T-Storms
87° 70°	89° 72°	86° 73°	85° 74°	88° 74°	90° 74°	91° 74°	87° 72°	88° 74°	86° 72°

**Details for Wednesday, August 22**

Partly cloudy with isolated thunderstorms possible. High 87F. Winds ESE at 5 to 10 mph. Chance of rain 30%.

**Evening:** A stray thunderstorm is possible through the evening. Clear to partly cloudy. Low near 70F. Winds light and variable.

UV Index: 10 (Very High)    Relative Humidity: 62%    Precipitation: 30%    Snow: 0%    Cloud Coverage: 58%

**Sunrise:** 6:36 AM

**Sunset:** 7:37 PM

**Moonrise:** 11:44 AM

**Moonset:** 10:51 PM



**Moonphase:**

Waxing Crescent

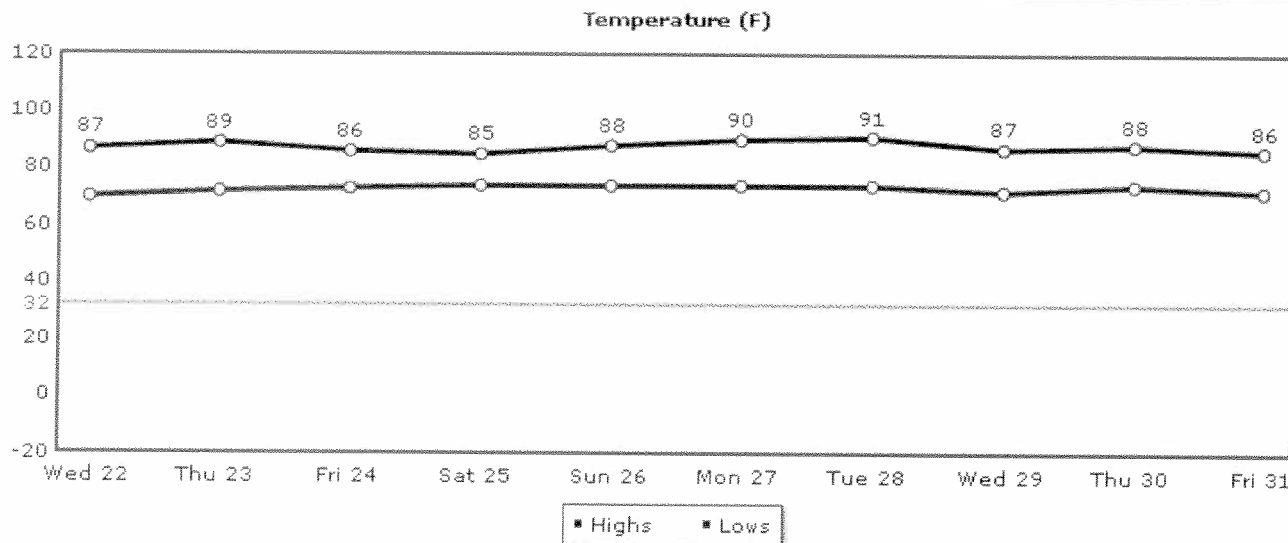


**Direction:** ESE (107°)

**Speed:** 6Mph(9Km, 5Kts)

**Daily Forecast Chart**

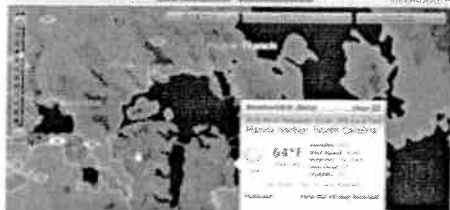
Chart Options: Temperature ▾



Temperature    UV Index    Relative Humidity    Precipitation    Snow    Clouds    Wind

Daily Forecast    Hourly Forecast    Past Observations    Historic Averages

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