

INCIDENT ACTION PLAN

Be brief and concise with your entries

Location Bayou Corne Sink Hole	Control Level Company Supervisory	Operational Period From 10/10/12 To 10/11/12
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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 Sunny</p>
	<p>PREDICT Sunny</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 - Gas Monitoring:</p> <p>6 Gas Monitors have been set up in the field and are obtaining data on a continuous basis. (See Attached Map for Locations)</p> <p>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.</p> <p>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. Monitoring is being recorded for LEL, VOC, H2S and O2.</p> <p>Objective 2 - Elevation survey taking place once a week.</p> <p>Objective 3- Sink hole observation. See attached Map. Remediation plan continues with removal of vegetation also we will be using four drum skimmers and two vacuum trucks. See Attached Plan.</p> <p>Objective 4- Sink Hole profile complete. See attached.</p>
	<p>ALTERNATE</p>

<p>3.0 EXECUTION add safety information as appropriate</p>
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<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>Additional to our Safe Work Rules for this project we are adding the awareness of insects, reptiles and animals.</p> <p>Inspect location for flammability</p>
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	<p>Daily Safety Meetings PPE Required on site: Respirator w/ VOC Cartridge, Gloves for sampling, eye protection, life preservers, hearing protection.</p>
GROUPINGS	NA
TASKS Including PR & Media	Same as above
COORDINATING INSTRUCTIONS PROMPTS: Timings, routes, assembly areas, staging areas	Texas Brine Grand Bayou Facility will be used as staging area.
<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>	
SUPPLY WHO, WHAT, WHERE, WHEN of resources not readily available	NA
GROUND SUPPORT Transport of personnel, traffic mgt, refuelling, mechanical repair/maintenance	NA
COMMUNICATIONS Installation, maintenance, technical advice	<p>Cell Phone & Landline Communications: Kenneth Blanchard – Area Manager – 985- (985-) kblanchard@texasbrine.com Scott Borne – Facility Manager – 985- (985-) sborne@texasbrine.com Joel Miller, PE – Consultant – 337- (337-) joel.miller@cox-internet.com Bruce Martin – Operations/PR – 713- (281-) bmartin@texasbrine.com Mark Cartwright – Technical/Engineering – 713- (281-) mcartwright@unitedbrine.com Scott Whitelaw – Environmental/Safety – 713- (713-)</p>

	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	Site Map Current Weather Safe Work Rules
Plan developers PROMPTS PO, Logs Mgr, Controller	NA
Approval Controller, Ops Director	TBC Company Rep: FOSC: SOSC: POSC:

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. 5

T.B.M. 3B

TBC LEASE LINE

T.B.M. 4

WELL 3

T.B.M. 3A

WATER WELL 5

WATER WELL

TANK "W"

WATER WELL 2

T.B.M. 1

TANK "E"

WELL 1

WELL 11

WELL 9

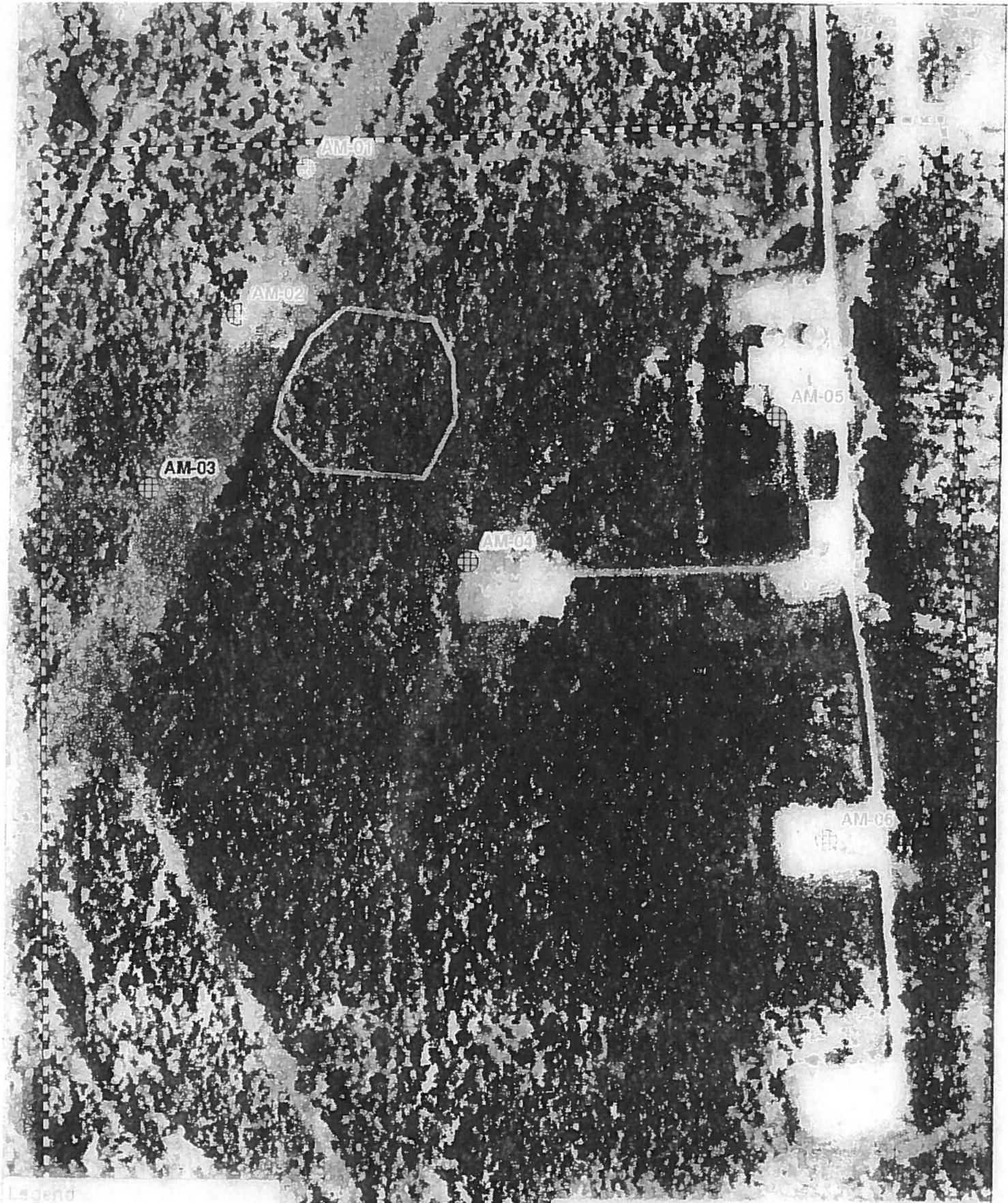
WELL 10

OXY GPS #4

GPS BASE

REFERENCE PT





Legend

- Dashed Line
- White Polygon

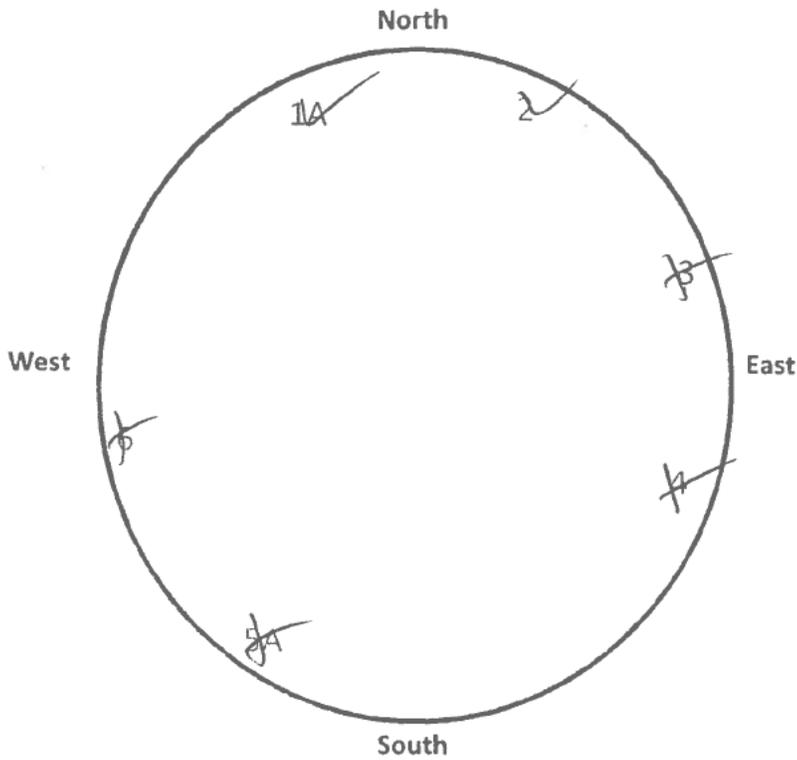


Tex 15 Refine Air Monitoring Locations
 3/17/2012 - current

Bayou Corne Sinkhole

Date and Time: 10/9/12

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



NOTE: Coordinates for each tree are forth coming.

By: Joshua Boudreau

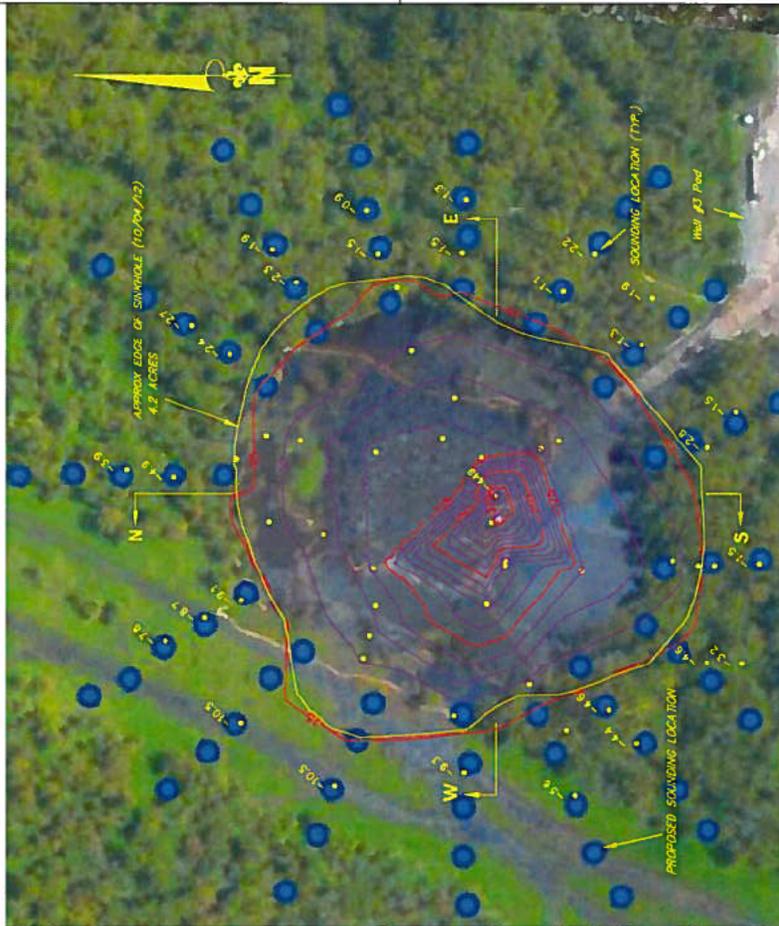
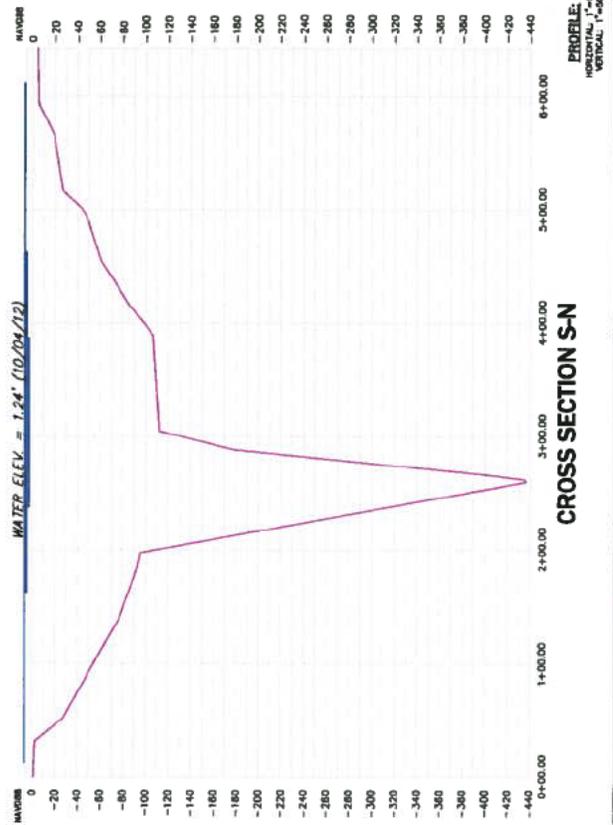
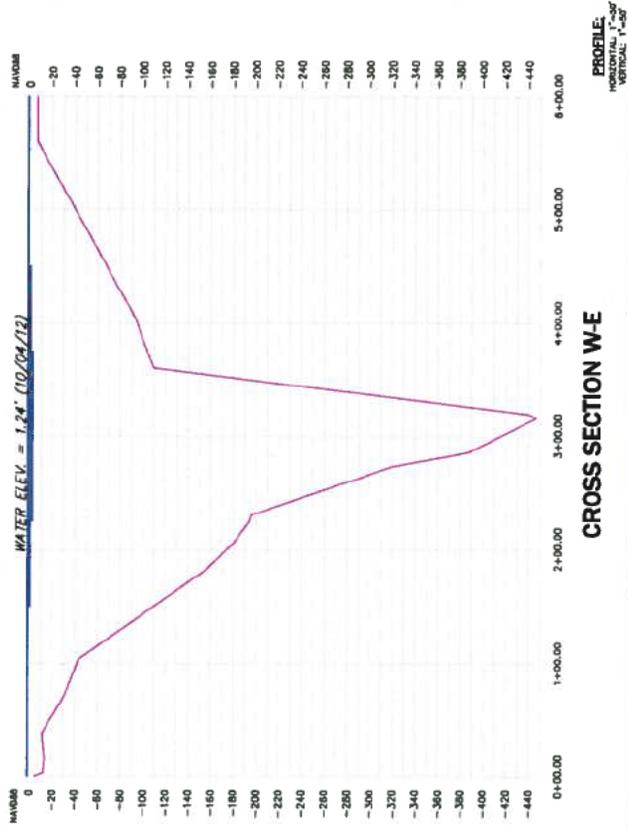


Miller Engineers & Associates, Inc.
 Consulting Engineers & Land Surveyors
 601 Main Street P.O. Box 223
 Franklin, La. 70538

TEXAS BRINE
 BAYOU CORNE/GRAND BAYOU SINKHOLE
 PLAN AND PROFILE

PLAN & PROFILE

Drawn: M. J. Ford, PLS
 Approved:
 Date: 10/04/2012
 Project No: 128813
 Station: As Shown
 Revision: N/A
 Sheet 1 of 1



PLAN:
 SCALE: 1" = 40'

VOLUME CALCULATION:
 USING THE APPROXIMATE EDGE OF THE SINKHOLE AS SHOWN AND
 THE ELEVATION DATA SHOWN ON THIS PLAN, THE WITHIN VOLUME MEASURES
 APPROXIMATELY 50,000 CU. YDS.

TEXAS BRINE COMPANY, LLC AND AFFILIATED COMPANIES

Safe Work Practices

UNDERGROUND
STORAGE, LLC



UNITEDBRINE

UNITEDBRINE

TEXAS BRINE COMPANY, LLC

UNITEDBRINE



THE AMERICAN BRINE ASSOCIATION

American
Brine
Association

Site Specific Safety Plan for Remediation of the Bayou Corne Sink Hole

The following plan is a site specific plan for the remediation of the Bayou Corne sink hole which will be achieved in two Phases. Phase one will include the construction of an access road to the sink hole which will allow the use of a long reach excavator. The excavator will be used to remove vegetation near the access road and place into roll off boxes. Phase two will consist of placing one or more airboats with attached rakes that will be used to push vegetation towards the access road where it will be removed and placed in roll off boxes. By removing the vegetation this allow us the use o skimmers and absorbent booms to aid in hydrocarbon removal.

Site Setting

The Texas Brine facility is located at 1301 Hwy 70, Belle Rose, LA 70341. The facility is located South of 70. The site is located on raised pads and roads but the property is otherwise swamp. A site map is attached. The nearest hospital Our Lady of the Lake is located in Napoleonville, LA. which is a 15 minute trip.

Site Specific Hazards

The site is located in a swamp setting and potential dangers may be present. Personnel should be aware of

Alligators

Wasps

Snakes

Spiders

Emergency Contact

911 will used in any emergency.

Cell phones on site

Site Safety

Safety Meeting

Held at the beginning of each shift.

PPE Requirements

Hard hat

Safety Glasses

Steel toe boots

Air Monitoring

A system of air monitoring devices have been placed across the property surrounding the sink hole. One air monitoring device is located next to the access road.

Airboats will have hand held monitors on there person at all times when on the sink hole

Spotters and Warnings

A person or persons armed with an air horn will be placed on site looking for safety issues such as

Leaning trees

Falling trees

Ground Movement

Driver of the truck attached to the roll off box will remain in the truck at all times and will be ready to vacate the access road on signal.

Heavy Equipment

Long reach excavator

Environmental

Vegetation will be placed in lined roll off boxes and disposed of

Airboats will remain inside the containment boom once entered

Decon of airboats will take place on location pad next to access road.

62°F Belle Rose, Louisiana

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

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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 10 Oct 2012 (Local Time) from KBTR Reporting Station

Haze
62°F
 Feels Like: 62°
 Wind Chill: 62°
 Heat Index: 62°
 Dew Point: 60°
 Humidity: 93%
 Pressure: 30.14"
 Ceiling: Unl
 Visibility: 4m
 Wind: 0mph
 Direction: NA NA
 Gusts: NA
 Report Text: KBTR 101253Z 00000KT 4SM BR FEW055 17/16 A3014 RMK AD2 SLP205 T01670156
 View Detailed Observations for the last 48 Hours - 14 Days

Today's Forecast

9 AM M Sunny		70°
10 AM M Sunny		74°
11 AM M Sunny		78°

Local Information

No Weather Alerts for this location

View Complete Hourly Forecast » Radar · Satellite · Surface Analysis

New Forecast Map Updates
Plan your seasonal activities better

click here to learn more...



10 Day Forecast - °F | °C

View the Detailed Extended Forecast »

oct 10	oct 11	oct 12	oct 13	oct 14	oct 15	oct 16	oct 17	oct 18	oct 19
M Sunny	M Sunny	Sunny	Sunny	P Cloudy					
86° 64°	87° 65°	86° 66°	86° 70°	86° 68°	86° 66°	85° 68°	84° 66°	84° 65°	83° 62°

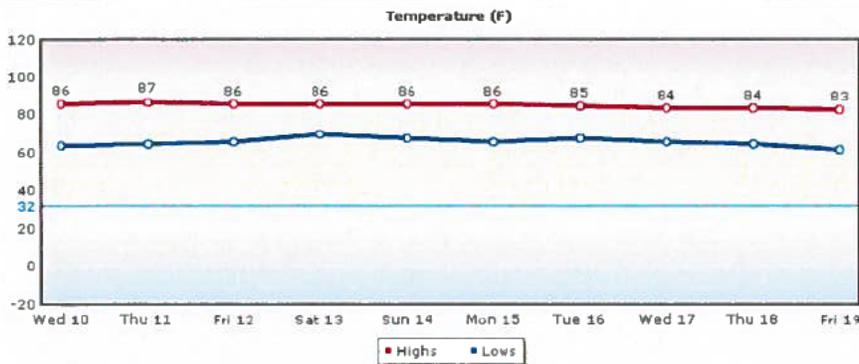
Details for Wednesday, October 10
 Mostly sunny. High 86F. Winds light and variable.
 Evening: Partly cloudy. Low 64F. Winds light and variable.

UV Index: 8 (Very High) | Relative Humidity: 69% | Precipitation: 10% | Snow: 0% | Cloud Coverage: 26%

Sunrise: 7:03 AM | Moonrise: 2:02 AM | Moonphase: Waning Crescent | Direction: N (7°) | Sunset: 6:38 PM | Moonset: 3:22 PM | Speed: 5Mph(8Km, 4Kts)

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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 The Ski & Snow Section is