

INCIDENT ACTION PLAN

Be brief and concise with your entries

Location	Control Level	Operational Period	
Bayou Corne Sink Hole	Company Supervisory	8/16/12 From 06:00	To 20:00

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 Chance of isolated thunderstorms
2.0 OBJECTIVES (or MISSION) PROMPTS: Time & space REFERENCE: Appreciation – control options, courses open to disease	CURRENT Ranges of VOC are 0.8 – 4. Respiratory protection is required for VOC at 7ppm. (See attached) Actively removing contaminated vegetation. Received approval of disposal from the waste site. At 9:30am shut down all work in the area of the sink hole due to increased activity. Additional land and trees on the South and Northeast edges fell into sink hole. Rig is moving in and setting up on location. Scientists on site to help with the sink hole characterization. The first tilt meter has been installed. Developing a plan to give the rig 24 hour gas monitoring.

	ALTERNATE
3.0 EXECUTION add safety information as appropriate	
GENERAL OUTLINE PROMPTS: Strategies & tactics (current/proposed/alternate) REFERENCE: Appreciation, Control Options	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.
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.
4.0 ADMINISTRATION (Logistics support)	
PROMPTS: Unit names, locations, contact names, phone no's, timings, duties/tasks, routes, suppliers, quantities, status (required, organised, stand by, enroute)	
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	Cell Phone & Landline Communications: Kenneth Blanchard – Area Manager – 985-██████████ 3██████████ kblanchard@texasbrine.com Scott Borne – Facility Manager – 985-██████████ 7 (9██████████) sborne@texasbrine.com Joel Miller, PE – Consultant – 337-██████████ (337-██████████) joel.miller@cox-internet.com Bruce Martin – Operations/PR – 713-██████████ 7 (281-██████████) bmartin@texasbrine.com Mark Cartwright – Technical/Engineering – 713-██████████ (281-██████████ 5) mcartwright@unitedbrine.com Scott Whitelaw – Environmental/Safety – 713-██████████ 9 (713-██████████ 2) 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 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:

1. Incident Name Bayou Corne Sinkhole		2. Operational Period (Date/Time) From: 8/15/12/0600 To: 8/15/12/1800		UNIT LOG ICS 214-OS	
3. Unit Name/Designators Operations (Clean Harbors)			4. Unit Leader (Name and ICS Position) TJ Engstrom-Planning		
5. Activity Log (Continue on Reverse)					
TIME		MAJOR EVENTS			
		Continued bagging vegetation			
		filed one roll off box of impacted vegetation			
		total recovery is 15bbl impacted liquid			
		continue to operate 2 drunk skimmers and 3 rope mop skimmers			
		continue to maintain containment boom			
6. Prepared by: Stephen Sheppard Date/Time 8/15/2012/1800					
UNIT LOG		August 2012		ICS 214-OS	

INCIDENT BRIEFING

1. Incident Name

Grand Bayou Come Sink Hole

2. Date

8/16/2012

3. Time

06:00-20:00

4. Map Sketch

5. Current Organization

Command

Bruce Martin

Safety Officer:

Liaison Officer or Agency Rep.

Information Officer:

Planning/Intelligence

Mark Cartwright

Operations

Ken Blanchard

Logistics

Scott Borne

Finance/Aministration

Becky Ladet

Div.

Div. Environmental

Scott Whitelaw

Div. Safety

Scott Whitelaw

Div. Security

Mike Kleinpeter

Air

Air Operations

Air Support

Air Attack

Air Tanker Coord.

Helicopter Coord.

6. Resources Summary

[illegible][illegible]

Clean Harbor Monitoring RAE Air system is reading 0.8 - 4ppm of VOC on the hole.

Actively removing contaminated vegetation.

An access road was constructed to the sink hole. This is allowing us to use equipment to aid in removal of vegetation and petroleum product.

At 9:30 am shut down all work in the area of the sink hole due to increased activity. A line of tree's 50' x 150' on the south side slid into the hole.

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ORGANIZATION ASSIGNMENT LIST				
1. Incident Name Bayou Corne Sink Hole			IS 203 Operations Section	
2. Date 8/16/12		3. Time 06:00 - 18:00	Op's Chief	
			Deputy	
4. Operational Period Everyday			a. Branch I	
Position		Name	Branch Director	
			Deputy	
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	
			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				

TEXAS BRINE COMPANY, LLC AND AFFILIATED COMPANIES

Safe Work Practices

UNDERGROUND
STORAGE, LLC



UNITEDBRINE
PIPELINE COMPANIES

UNITEDBRINE
PIPELINE COMPANIES

TEXAS BRINE COMPANY, LLC

UNDERGROUND
SERVICES MARKHAM, LP



RESPONSIBLE CARE®

American
Chemistry
Council



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

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

1" = 400'



79°F Belle Rose, Louisiana

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Belle Rose, Louisiana

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Current Conditions - °F | °C

As of 6:53 AM on Thursday 16 Aug 2012 (Local Time) from KBTR Reporting Station



Clear

79°F

Feels Like: 83°

Wind Chill: 79° Ceiling: Unl
 Heat Index: 83° Visibility: 10mi
 Dew Point: 77° Wind: 0mph
 Humidity: 94% Direction: NA NA
 Pressure: 30.03" Gusts: NA

Report Text: KBTR 161153Z AUTO 00000KT 10SM CLR 26/25
A3003 RMK AO2 SLP166 T02610250 10278 20250 53010 TSNO

Today's Forecast

8 AM
P Cloudy


82°

9 AM
P Cloudy


86°

10 AM
P Cloudy


88°

Local Information


No Weather Alerts
for this location

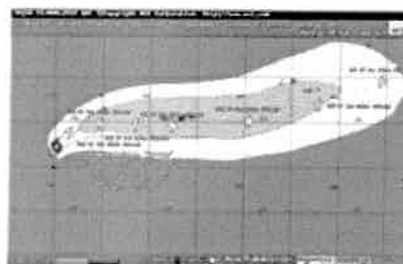
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Tropical Storm Gordon


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10 Day Forecast - °F | °C

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thu	fri	sat	sun	mon	tue	wed	thu	fri	sat
aug 16	aug 17	aug 18	aug 19	aug 20	aug 21	aug 22	aug 23	aug 24	aug 25
Iso T-Storms	PM T-Storms	Sct T-Storms	Sct T-Storms	Sct T-Storms	Iso T-Storms	Sct T-Storms	Sct T-Storms	Sct T-Storms	Sct T-Storms
91° 76°	89° 75°	86° 76°	86° 74°	85° 73°	87° 74°	85° 74°	86° 74°	86° 75°	88° 74°

Details for Thursday, August 16

Some sunshine with a thunderstorm or two possible this afternoon. Humid. High 91F. Winds SW at 5 to 10 mph. Chance of rain 30%.

Evening: Isolated thunderstorms this evening, then skies turning mostly clear after midnight. Humid. Low 76F. Winds light and variable. Chance of rain 30%.

UV Index: 11 (Extreme)

Relative Humidity: 69%

Precipitation: 30%

Snow: 0%

Cloud Coverage: 42%

Sunrise: 6:32 AM

Sunset: 7:44 PM

Moonrise: 5:32 AM

Moonset: 6:56 PM



Moonphase:

Waning Crescent

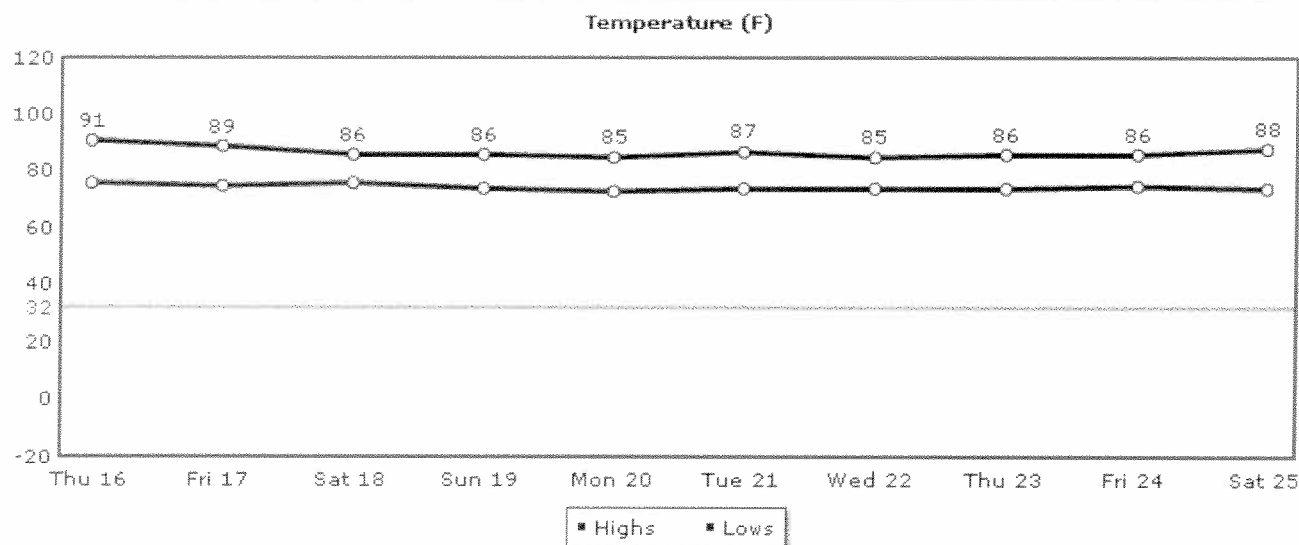
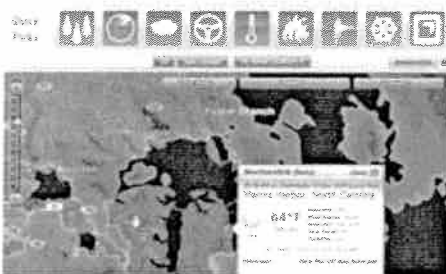


Direction: SW (234°)

Speed: 8Mph(12Km, 6Kts)

Daily Forecast Chart

Chart Options: Temperature ▾


[Temperature](#)
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[Relative Humidity](#)
[Precipitation](#)
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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.

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[http://www.scribd.com/doc/10768944/Chapter-10-Introduction-to-Marketing-Research](#)

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[https://doi.org/10.1016/j.jmb.2019.07.008](#)

PRINT NAME	& SIGNATURE
Rexby Stilly	
John Brissal	
Robert Jones III	
Corey Bree	
Brandon Vines	
Dina Grandet	
DAVID LAW	
HUGO Tintaya	
JEFF Sellers	
SAM ARMSTRONG	
Kevin RESTrepo	
Russell Bradford	
Joselin Lopez	

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 Document Retention Time: Next Year's training of HRM/HR Records Human Capital (1 year)
 Document Name: Search Log (ongoing) (see doc)
 Revision Date: 10/2010 Page 4 of 2

SAFETY LOG SIGN-IN SHEET

PRINT NAME

& SIGNATURE

DOUG WHITMAN
Luis A RISO

[Signature]
[Signature]

Oscar Yereña

Oscar Yereña

MACAULAY FASU

[Signature]

Terence Hall Jr

Terence Hall Jr.

Ernesto Arango

[Signature]

Jordan Brasseau

[Signature]

RICARDO GARCIA

[Signature]

Jacob Bourdreaux

Jacob Bourdreaux

Julius Johnson

[Signature]

Suan Cameron

[Signature]

Mark Simon

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JOSE GONSALEZ

Mark Simon

EMILIO MOREL

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Jason Porrier

EM

EARL VANACOR

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Cody Barnes

Earl Vanacor

Luke Delhaussaye

Cody Barnes

Gary Blanchard

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JOHN TREGLE

[Signature]

Cory J Blal

John Tregle

SAFETY LOG SIGN-IN SHEET

PRINT NAME

& SIGNATURE

Sam Armstrong

Sam Armstrong

John A. Grenilland

John A. Grenilland

William Baker

William Baker

Allen Richard

Allen Richard

Mark Lanchos

Mark Lanchos

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Carl Barsa Jr.

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Carlos Robichaux

Carlos Robichaux

Mike Accor

Mike Accor

James Fredrick

James Fredrick

Birk Anstam Sr.

Birk Anstam Sr.

Dante Holmes

Dante Holmes

Carlton Craft

Carlton Craft

Ryan P. Hamline

Ryan P. Hamline

Antonio Leana

Antonio Leana

Jose Yereza

Jose Yereza

Ronald Vickman Sr.

Ronald Vickman Sr.

Sheldon Guy

Sheldon Guy