

INCIDENT ACTION PLAN

Be brief and concise with your entries

Location Bayou Corne Sink Hole	Control Level Company Supervisory	Operational Period 8/15/12 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 Sunny @ 08:00</p> <hr/> <p>PREDICTED Chance of 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>Ranges of VOC are 0.8 – 4. Respiratory protection is required for VOC at 7ppm. (See attached)</p> <p>Clean Harbors set up a de-con station at the boat launch and waiting on landowner approval.</p> <p>Actively removing contaminated vegetation.</p> <p>Completion to the access road leading to the sink hole scheduled for this evening. Will start to remove vegetation using track hoe and roll off boxes in the morning.</p> <p>Waiting on approval of disposal from the waste site.</p> <p>Rig is moving on location.</p> <p>Scientists arrived to help with the sink hole characterization. The first inclinometers to be installed today.</p> <p>Coordinate with LDEQ with air sampling.</p> <p>Developing a plan to give the rig 24 hour gas monitoring.</p> <p>Continuous sampling of sink hole.</p>

	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 nos, timings, duties/tasks, routes, suppliers, quantities, status required, organised, stand by, enroute)	

<p>SUPPLY WHO, WHAT, WHERE, WHEN of resources not readily available</p>	<p>NA</p>
<p>GROUND SUPPORT Transport of personnel, traffic mgt, refuelling, mechanical repair/maintenance</p>	<p>NA</p>
<p>COMMUNICATIONS Installation, maintenance, technical advice</p>	<p>Cell Phone & Landline Communications: Kenneth Blanchard – Area Manager – 985- [REDACTED] 7 (985- [REDACTED] 4) kblanchard@texasbrine.com Scott Borne – Facility Manager – 985- [REDACTED] 7 (985- [REDACTED] 8) sborne@texasbrine.com Joel Miller, PE – Consultant – 337- [REDACTED] (337- [REDACTED]) joel.miller@cox- internet.com Bruce Martin – Operations/PR – 713- [REDACTED] 7 (281- [REDACTED]) bmartin@texasbrine.com Mark Cartwright – Technical/Engineering – 713- [REDACTED] (281- [REDACTED] 6) mcartwright@unitedbrine.com Scott Whitelaw – Environmental/Safety – 713- [REDACTED] (713- [REDACTED] 2) swhitelaw@tum.com</p>
<p>STAGING AREA/ FCP 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 Security, waste, cleaning</p>	<p>NA</p>
<p>CATERING</p>	<p>NA</p>
<p>OH&S/MEDICAL Medical plan, first aid plan</p>	<p>Call 911</p>
<p>FINANCE</p>	<p>NA</p>
<p>TRAVEL</p>	<p>NA</p>
<p>INDUCTION/</p>	<p>NA</p>

TRAINING	
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: <i>Scott Corne</i> FOSC: SOSC: POSC: <i>John Bell</i>

INCIDENT BRIEFING

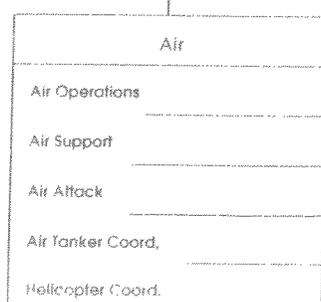
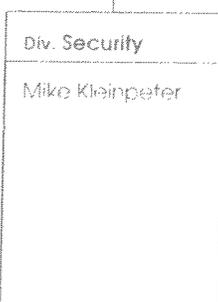
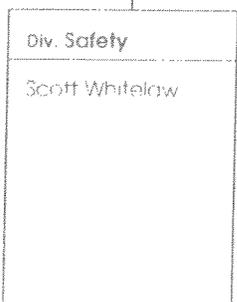
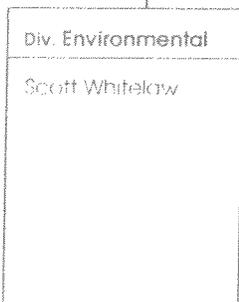
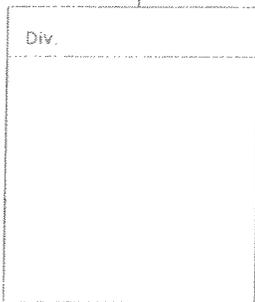
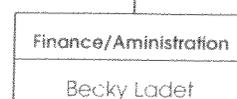
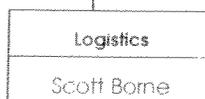
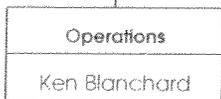
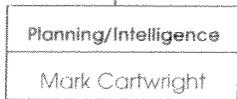
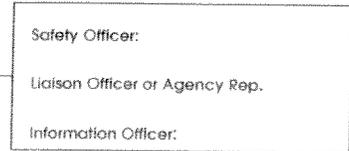
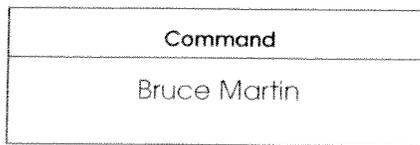
1. Incident Name
Grand Bayou Corne Sink Hole

2. Date
8/15/2012

3. Time
06:00-20:00

4. Map Sketch

5. Current Organization



ORGANIZATION ASSIGNMENT LIST			
1. Incident Name Bayou Corne Sink Hole		S 203 Operations Section	
2. Date 8/15/12		3. Time 06:00 - 18:00	
4. Operational Period Everyday		Op's Chief	
Position		Deputy	
Name		a. Branch I	
		Branch Director	
		Deputy	
		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	
		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			

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. 3B

T.B.M. 5

T.B.M. 4

TANK "W"

TANK "E"

WATER WELL

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



81°F Belle Rose, Louisiana

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

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 15 Aug 2012 (Local Time) from KBTR Reporting Station

Few Clouds 81°F Feels Like: 89°
Wind Chill: 81° Ceiling: Unl
Heat Index: 89° Visibility: 10mi
Dew Point: 78° Wind: 6mph
Humidity: 91% Direction: 250° (WSW)
Pressure: 29.99" Gusts: NA

Report Text: KBTR 151253Z 25005KT 10SM FEW025 27/26 A2999 RMK AO2 SLP155 T02720256

View Detailed Observations for the last 48 Hours 14 Days

Today's Forecast

9 AM 85° P Cloudy
10 AM 88° P Cloudy
11 AM 90° P Cloudy

View Complete Hourly Forecast

Local Information



No Weather Alerts for this location

Radar Satellite Surface Analysis

New Forecast Map Updates Plan your seasonal activities better

Time-lapse to latest update



10 Day Forecast - °F | °C

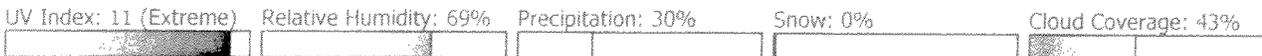
View the Detailed Extended Forecast

Table with 10 columns for days (wed to fri) and 2 rows for weather icons and temperature forecasts.

Details for Wednesday, August 15

Some clouds and possibly an isolated thunderstorm this afternoon. Heat index near 105F. High 93F. Winds SW at 5 to 10 mph. Chance of rain 30%.

Evening: Isolated thunderstorms this evening. Skies will become partly cloudy after midnight. Low 76F. Winds S at 5 to 10 mph. Chance of rain 30%.



Sunrise: 6:32 AM
Sunset: 7:45 PM

Moonrise: 4:34 AM
Moonset: 6:17 PM



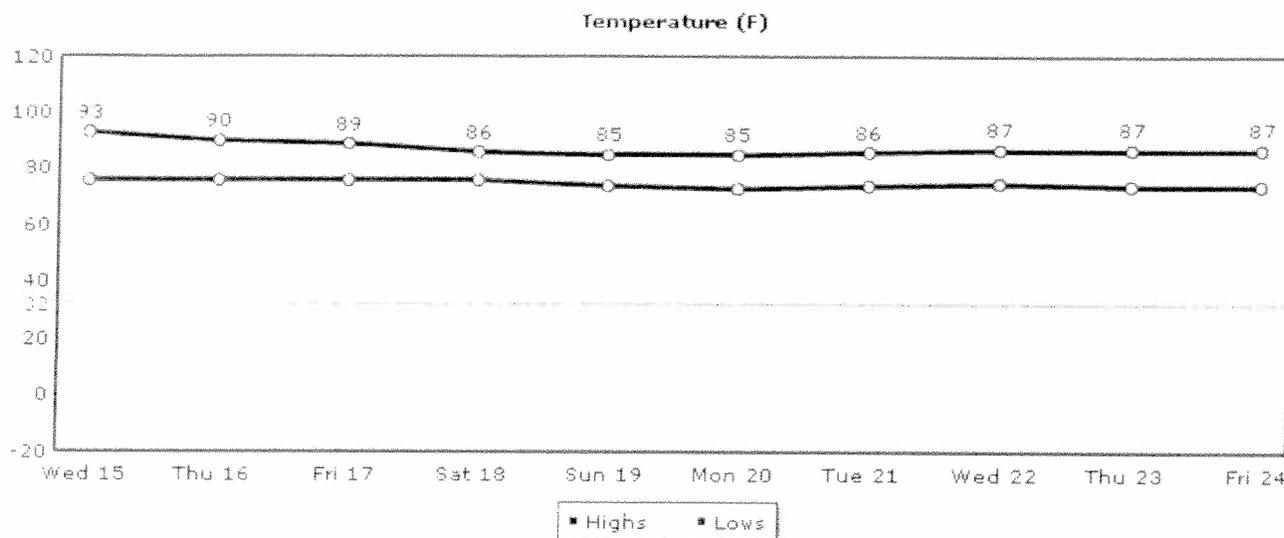
Moonphase: Waning Crescent



Direction: SW (230°)
Speed: 7Mph(11Km, 6Kts)

Daily Forecast Chart

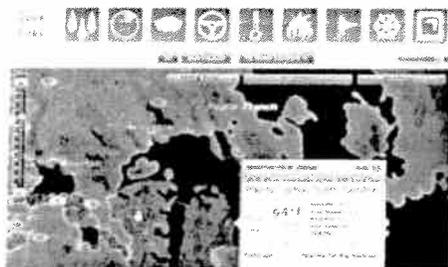
Chart Options: Temperature



[Temperature](#)
[UV Index](#)
[Relative Humidity](#)
[Precipitation](#)
[Snow](#)
[Clouds](#)
[Wind](#)

[Daily Forecast](#)
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[Past Observations](#)
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The current ACGIH TLV for diesel fuel is 100 mg/m³, or 10.5 ppm as an 8-hour TWA. Under Clean Harbors Guidelines the use of respiratory protection is required for all exposures with an 8-hour TWA of 7 ppm or higher. Respiratory protection is not required for exposures with an 8-hour TWA of less than 7 ppm. Short-term exposures without respiratory protection are allowed as high as 15 ppm, as long as the 8-hour TWA remains below 7 ppm.

Please call me with any questions.

Thanks,

Troy

Troy Timothy, MS, CIH, CSP
Clean Harbors Environmental Services, Inc
Industrial Hygienist
(435) 843-4848

Bayou Corne Sinkhole

Date and Time: 8-14-12 / 8-15-12

	Time 7:00 p.m.	Time 10:00 p.m.	Time 1:00 a.m.	Time 4:00 a.m.
Tree 1	GONE	GONE	GONE	GONE
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

North

West

East

South

TEXAS BRINE COMPANY, LLC AND AFFILIATED COMPANIES

Safe Work Practices

UNDERGROUND
STORAGE, LLC



UNITEDBRINE
PIPELINE COMPANY, LLC

UNITEDBRINE
PIPELINE COMPANY, LLC

TEXAS BRINE COMPANY, LLC

UNDERGROUND
SERVICES MARKHAM, LP



RESPONSIBLE CARE

American
Chemistry
Council

SAFETY LOG SIGN-IN SHEET

COMPANY: _____
LOCATION: _____
DATE: 8/15/12
HOURS: _____
TOPICS/PURPOSE: _____
CONDUCTED BY: Scott Borne

PERSONS ATTENDING:

PRINT NAME	& SIGNATURE
Jules Johnson	Jules Johnson
Enrique Garcia Sr.	Enrique Garcia Sr.
EARL VANACOR	Earl Vanacor
TERRY POINCE	Terry Poince
Jacob Boudreau	Jacob Boudreau
Jonathan F. Arsenault	Jonathan F. Arsenault
EMILIO MERLE	Emilio Merle
RICHARD GAUTHIER	Richard Gauthier
Robert P. Smith	Robert P. Smith
Richard White	Richard White
Donald L. Johnson	Donald L. Johnson
Mike Brown	Mike Brown
James White	James White

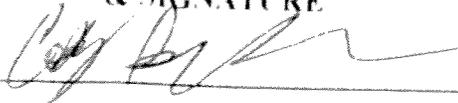
PERSONS ATTENDING:

SAFETY LOG SIGN-IN SHEET

PRINT NAME

& SIGNATURE

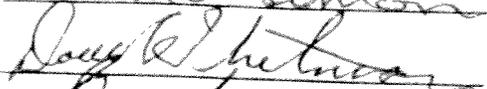
Cody Barnes



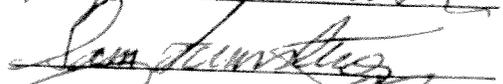
Mark Simon

Mark Simon

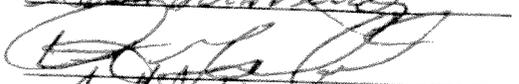
Doug Whitman



SAM Armstrong



Dino Gaudet



JEFF Sellers



DAVID Lau



Corey Broun



Brandon Vincent



Robert Jones



John Bursell



Russell Boardman



James Hawk



Kevin Miller



Kevin Stalby



SAFETY LOG SIGN-IN SHEET

PRINT NAME

& SIGNATURE

Mark Landos	Mark Landos
HUGO TINTAYA	Hugo Tintaya
Suan Camarero	Suan Camarero
JOHN TREGLE	John Tregle
Ernesto Arango	Ernesto Arango
KEVIN RESTREPO	Kevin Restrepo
Joselin Lopez	Joselin Lopez
Oscar Yuenca	Oscar Yuenca
Carl Burson Sr	Carl Burson Sr
Brendan Skidell	Brendan Skidell
Carlton Craft	Carlton Craft
Terence Hall Jr	Terence Hall Jr
Daniel Miller	Daniel Miller
William Lopez	William Lopez
Brandon Lopez	Brandon Lopez
Antonio Lopez	Antonio Lopez
Jose A. Lopez	Jose A. Lopez
Jose A. Lopez	Jose A. Lopez
Jose A. Lopez	Jose A. Lopez
Jose A. Lopez	Jose A. Lopez
LUIS A. RIZO	Luis A. Rizo
LUIS A. RIZO	Luis A. Rizo