INCIDENT ACTION PLAN

Be brief and concise with your entries

Location
Bayou Corne
Sink Hole

Control Level Company Supervisory

Operational Period

From 6/10/13

To 6/11/13

1.0 SITUATION

Disease, community, environment

PROMPTS:

Weather, disease trends, Resources, Hazards & safety

REFERENCE:

Maps, weather reports, Sitreps, appreciation, warnings, alerts

CURRENT

Partly cloudy

PREDICTION

Isolated thunderstorms. 30% chance of precipitation. High Temperature near 91.

2.0 OBJECTIVES (or MISSION)

PROMPTS: Time & space

REFERENCE:

Appreciation – control options, courses open to disease

CURRENT

Objective 1 - Demonstrating sinkhole containment and determining if additional sinkholes could form.

Objective 2 - Locating and mitigating the risk posed by the presence of shallow gas.

Objective 3 - Confirming the broader stability of the Napoleonville Salt Dome.

Current Actions:

(For planning purposes only, all activities are subject to change.)

ORW Wells/ROI Wells

- Install Barton meters at ORWs
- Conduct orifice plate change-outs on low flowing wells

CPT Well

- Advance and complete sounding for CPT-15.

Containment Berm/Roads/Sinkhole

- Continue placement of sand on berm between Geophone 1 and Pad 9
- Begin placement of second layer of clay on west berm extension
- Clear and grub levee between TBC offices and fresh water pond in preparation for placement of 10-foot build-out with sand.
- Continue rebuilding of north berm access pad with sand and wooden mats
- Begin placement of gravel on north berm.
- Deploy turbidity curtain along inside of TBC access road from north berm to parking lot

Sampling/Monitoring/Surveying

- Pressure monitoring and water level measurements at community GP wells

Expected Actions (Next 24 Hours):

- Advance and complete CPT 16 sounding
- Continue orifice place change-outs
- Begin installation of pressure gauges on ROI wells on Pad 5 and Pad 9

Version date: 3 May 2010

- Begin another cycle of pumping low performing wells - Continue placement of second layer of clay on west berm extension - Begin 10-foot sand build-out of levee between TBC offices and fresh water pound - Continue placement of gravel on north berm - Continue installation of Barton meters on ORWs - Conduct surface water transect monitoring Sinkhole Activity - Code 1 **3.0 EXECUTION** add safety information as appropriate GENERAL OUTLINE Safety Information: See Attached Safe Work Rules Reference IAP dated 8/9/12 PROMPTS: Additional to our Safe Work Rules for this project we are adding Strategies & tactics (current/proposed/alternate) the awareness of insects, reptiles and animals. **Inspect location for flammability** REFERENCE: Appreciation, Control Options **Daily Safety Meetings** PPE Required on site: Respirator w/ VOC Cartridge, Gloves for sampling, eye protection, life preservers, hearing protection. **GROUPINGS** NA **TASKS** Same as above Including PR & Media COORDINATING Texas Brine Grand Bayou Facility will be used as staging area. INSTRUCTIONS PROMPTS: Timings, routes, assembly areas, staging areas **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 – () kblanchard@texasbrine.com Scott Borne – Facility Manager – () sborne@texasbrine.com Joel Miller, PE – Consultant – () joel.miller@coxinternet.com Bruce Martin – Operations/PR – () bmartin@texasbrine.com Mark Cartwright – Technical/Engineering – () mcartwright@unitedbrine.com Scott Whitelaw – Environmental/Safety – () 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 stand by, enroute)	, contact names, phone no's, timings, duties/tasks, routes, suppliers, quantities, status (required, organised,	
FACILITIES Security, waste, cleaning	NA	
CATERING	NA	
OH&S/MEDICAL Medical plan, first aid plan	Call 911	
FINANCE	NA	
TRAVEL	NA	
INDUCTION/	NA	

4000M40D4T10M		
ACCOMMODATION	NA	
6.0 CONTROL, COORDINATION & COMMUNICATION		
CONTROL & COORDINATION STRUCTURE	Plant Management Supervision / Contractor Work	
REFERENCE Structural Chart		
COORDINATION & LIAISON	NA	
Local knowledge, police, agency reps, emergency mgt reps		
COMMUNICATIONS	Plant Management – Contractor Communication via Cell Phone	
PROMPTS Communications structure, operational comms plan, information mgt		

EXTRAS		
Attachments PROMPTS:: maps, weather, organisational charts, resources, comms diagram	Current Weather Safe Work Rules	
Plan developers PROMPTS PO, Logs Mgr, Controller	NA	
Approval Controller, Ops Director	TBC Company Rep: William Booher FOSC: SOSC: POSC:	

Belle Rose, Louisiana, United States

Today's Forecast: Monday, 10 Jun 2013

91°F

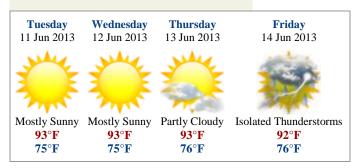
74°F

Sky Conditions: Isolated Thunderstorms Sunrise: 6:02 AM Sunset: 8:05 PM Wind: SSW (202°) @ 11Mph Precipitation Probability: 30%



View your complete Local Weather »

Extended Forecast Full 10-Day Forecast »



Detailed Forecast

Today:

Some clouds and possibly an isolated thunderstorm in the afternoon. High 91F. Winds SSW at 10 to 15 mph. Chance of rain 30%.

Tonight:

Some clouds early will give way to generally clear conditions overnight. A stray shower or thunderstorm is possible. Low 74F. Winds SSW at 5 to 10 mph.

Tomorrow:

More sun than clouds. Highs in the low 90s and lows in the mid 70s.

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 of 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.

TBC Oxy Grand Bayou Sinkhole Management Plan

Phase Two- Crude Oil/Vegetation/Debris Removal

10-12-2012

(THIS PLAN CAN BE ADJUSTED BY TBC FOR WEATHER RELATED ISSUES, OR SITE CONDITIONS)

This plan is being followed as an approach to sinkhole management. The primary focus for this plan is to:

- Recover liquid hydrocarbons that are found on the surface of the sinkhole. By removing the free
 phase Hydrocarbons that are found on the surface of the sinkhole, off-site migration of these
 Hydrocarbons will be greatly reduced. Thus, limiting the impacts of the Hydrocarbons to the
 sinkhole surface and the immediate area. Additionally, the removal of the free phase
 Hydrocarbons will greatly reduce the "smell" associated with the sinkhole.
- 2. To further understand the dynamics of the sinkhole, through profiling and visual observation of the surface of the sinkhole.

Phase One focused on the removal of floating vegetation and debris within the sinkhole. To date, the vast majority of floating vegetation and debris has been cleaned and cleared off of the surface of the sinkhole area. On October 8, 2012, we began to bring on site equipment and staffing to move into Phase Two of the Sinkhole Management, Crude Oil Removal.

Crude Oil removal will take place on near the mat road that was constructed on September 24, 2012. Texas Brine began reconstruction of the mat road at well pad #3, going toward the sinkhole. This road has been constructed of river sand, filter fabric and wooden mats. The mat road has been constructed in the previous footprint, to the outside and on the eastern side of the sinkhole.

As discussed in the Phase One Plan for Sinkhole Management, the mat road will play a vital part in our recovery of oiled vegetation and crude oil removal. Texas Brine plans to collect crude oil via physical means with skimmers, and vacuums. We will also use Air Boats to sweep the surface of the sinkhole. Texas Brine has fabricated an oil collection box that will be placed at the end of the mat road, in the water, that will assist in the collection of crude oil.

Product that is recovered will be placed into a frac tank and stored for disposal. These Frac tanks are stored near the sinkhole in an orderly fashion. The vacuum trucks that are used are inspected for leaks and drips prior to leaving the facility for disposal. Occasionally, the Long-reach boom and operator may have to go back out on the mat road to sweep in additional debris that has been swept in by the air boats. The additional debris will be handled as discussed in Phase One. As a safety precaution, the truck driver will be instructed to remain in his vehicle with on ready should any movement be observed on the sinkhole. The truck driver will remain at/in his vehicle during the loading process. A spotter will be placed in a stationary location on Well Pad # 3 to watch for any movement of trees or debris in the sinkhole. Additionally, there will be supervision of the project entire project by TBC Employees.

Texas Brine is following the advice offered by LA DNR and pursuing the use of Oil Gator, as an in-situ remediation of crude oil in hard to reach places or in marginal places where oil may have escaped the containment boom. Texas Brine will not proceed with the use of this material or other materials until approval has been issued by the lead agency on this incident. The use of any such absorbent material will be used to augment the traditional physical oil removal procedures. The proposed use of Oil Gator will not replace the use of traditional physical oil spill removal.

If any personnel or contractors are allowed onto the sinkhole, then personal air monitoring devises will be used to monitor air quality/exposure while on the siinkhole.

The safe execution of this activity is the goal of TBC. This is why every person entering the property, must wear proper PPE (Hard Hat, Long Pants, Steel Toed Boots, and Safety Glasses).

