## **INCIDENT ACTION PLAN**

Be brief and concise with your entries

Location Bayou Corne Sink Hole

## Control Level Company Supervisory

**Operational Period** 

From 3/18/16

To 3/19/16

## 1.0 SITUATION

Disease, community, environment

#### PROMPTS:

Weather, disease trends, Resources, Hazards & safety

#### REFERENCE:

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

## CURRENT

Scattered Thunderstorms

## **PREDICTION**

Thunderstorms likely in the morning. Then the chance of scattered thunderstorms in the afternoon. A few storms may be severe. 80% chance of precipitation. High Temperature near 77.

# 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, MRAA, PMW, PVW, KGC, Bubble sites and Geoprobe wells

- Conduct daily well readings and flare maintenance
- Start dewatering pumps in ORWs 54 and 57
- Monitor/observe ICON activity, if on site

## **Air Monitoring/ Monitoring Equipment**

Perform daily monitoring of In-home gas monitors and AreaRAEs

## Sampling/Analytical/Instrumentation/Inspections/Berm

- Conduct daily berm inspection
- Weekly GEM 5000 flare gas field analyses
- Monthly pressure gauge testing

## **Estimated MRAA Groundwater Usage last 24 hours**

OG-GB 838,305 gallons (all from WW#2)

- OT-GB 48,844 gallons - Axiall 1,095,421 gallons - Enlink 18,270 gallons

## Estimated water pumped from sinkhole and used for brine production last 24 hrs.:

Version date: 3 May 2010

775,899 gallons

### **Tomorrow's Scheduled Activities**

- Conduct daily berm inspection
- Conduct daily well readings and flare maintenance
- Continue daily dewatering of ORWs 54 and 57
- Continue daily monitoring of in-home gas monitors and AreaRAEs

## Sinkhole Activity – GREEN

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.			
PROMPTS: Unit names, locations	ION (Logistics support) , contact names, phone no's, timings, duties/tasks, routes, suppliers, quantities, status (required, organised,			
SUPPLY WHO, WHAT, WHERE, WHEN of resources not readily available	NA			
GROUND SUPPORT Transport of personnel, traffic mgt, refuelling, mechanical repair/maintenance	NA			
COMMUNICATIONS	Cell Phone & Landline Communications: Chad Morales – Area Manager –			

Installation, maintenance, technical advice	Scott Borne – Facility Manager – sborne@texasbrine.com Joel Miller, PE – Consultant – internet.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 ADMINISTRAT	ION (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/ TRAINING	NA					
ACCOMMODATION	NA					
6.0 CONTROL, COORDINATION & COMMUNICATION						
CONTROL &	Plant Management Supervision / Contractor Work					

COORDINATION STRUCTURE	
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**

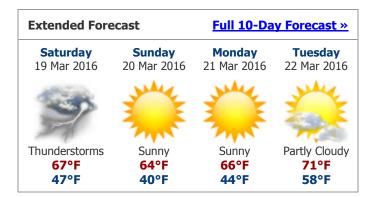
Today's Forecast: Friday, 18 Mar 2016

**77°F** 63°F

Sky Conditions: Thunderstorms Sunrise: 7:09 AM Sunset: 7:14 PM Wind: SSW (192°) @ 11Mph Precipitation Probability: 80%







#### **Detailed Forecast**

#### Today:

Thunderstorms likely in the morning. Then the chance of scattered thunderstorms in the afternoon. A few storms may be severe. High 77F. Winds SSW at 10 to 15 mph. Chance of rain 80%.

#### Tonight:

Variable clouds with scattered thunderstorms. Low 63F. Winds light and variable. Chance of rain 50%.

#### **Tomorrow:**

Showers and thunderstorms. Highs in the upper 60s and lows in the upper 40s.

VLP VLP ar