

# The Dow Chemical Company

## Action Plan

Activities Related to recent bubbling and subsidence events in the Bayou Corne / Napoleonville Salt Dome area.

### Contact Information

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Grand Bayou Operations Control Room ( Staffed 24 hours)	<p>Phone: 985-[REDACTED]  Phone: 985-[REDACTED]  Cell Phone: 225-[REDACTED]</p>

### Activities

Operational Period Report Date	10/25/12 06:00 – 10/26/12 06:00
Current Status of Operation or Activity	<ul style="list-style-type: none"> <li>- Continuing Normal Operations</li> <li>- Normal operations include operating 4 permitted flares. Flows to these flares are dependent on the equipment in operation at the time. Starting and stopping some equipment including pumps and compressors have an effect on flare flows.</li> <li>- As we commission piping at Dow 22 and Dow 17 we will have to flare using the portable flare. It is located near Dow 22.</li> <li>- De-pressuring UCAR 1 and 2 using tank trucks.</li> <li>- Preparing for Dow 8/8A MIT</li> <li>- Water to Chevron for re-watering.</li> </ul>
Current Activities and Objectives	<ul style="list-style-type: none"> <li>- Responding to requests from the Public Agencies.</li> <li>- Seismic monitor setup at Dow 18 well site.</li> <li>- Responding to request by Public Agencies.</li> </ul>
Proposed Activities and Objectives	<ul style="list-style-type: none"> <li>- Continue Normal Operation including operation of flares associated with normal operations.</li> <li>- Continue visual inspection of property and equipment for signs of subsidence or anything out of the ordinary.</li> <li>- Work continues on Dow 8/8A north of hwy 70 associated</li> </ul>

	<p>with a scheduled MIT. This well is MIT'd every 5 years and is due this year. Permit has been approved. Prior to beginning we will be logging the well to see where the product interface is. Baker Hughes will most likely be doing this logging. Sonar on Wednesday and density log on Thursday and Friday.</p> <ul style="list-style-type: none"> <li>- Beginning Monday 10/22/12 we will be de-pressuring UCAR 1 and UCAR 2 using tanker trucks to remove some of the brine. This is done to maintain a target pressure. This will take approximately 1 week. The brine does not leave the site, it is pumped into the brine tanks.</li> <li>- The week of 10/29/12 we will be testing the shutdowns on Dow 17 and Dow 22 storage wells. This means the sprinklers will be activated at some point and water from the sprinkler ring will be spraying on the wellhead.</li> <li>- Respond to Public Agency Request</li> </ul>
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**Activities Associated with  
Declaration of Emergency and Directive**

Activity For Period Described Above	<ul style="list-style-type: none"> <li>- Reporting Water flows</li> <li>- Gathering data for Consultant Hired by Dome Operators.</li> </ul>
Completed Activities	<ul style="list-style-type: none"> <li>- LEL monitoring of well bores, anchors, water wells penetrations, and T-20 mining water tanks including visual inspections. No LEL detected on any checks.</li> <li>- Met with Dome Operators on Wednesday</li> <li>- Water well samples have been pulled and sent to Lab for analysis.</li> <li>- Met with DNR and Shaw to discuss action plans.</li> <li>- Sample results from water wells received and sent to DNR</li> <li>- Ran PDK Log on Dow 14 brine well and Water Well 1 9/24/12. As per experts no gas detected in either location.</li> <li>- Met with Dome Operators 9/26/12</li> <li>- Sent Storage well data to DNR</li> <li>- Gathered Water well information for Dr. Ratigan.</li> <li>- The Dow water wells were sampled today 10/3/12.</li> <li>- Met with DNR to review progress by Dome Operators and Dr. Ratigan.</li> <li>- LEL monitoring on the well bores, anchors, water wells, and T-20 mining water tank including visual inspections. Complete 10/6/12 zero LEL at all test sites.</li> <li>- Update meeting with Dome Operators and Dr. Ratigan. 10/8/12</li> <li>- Results from water well samples to DNR 10/15/12.</li> </ul>
Ground Water flows below are in gallons as requested by DNR.	<ul style="list-style-type: none"> <li>- Will report weekend flows on Monday. Cannot run report when out of office. Flows are from 00:00 – 23:59.</li> </ul>

	Water Well 2 007-16 Total Gallons	Water Well 7 007-85 Total Gallons	Water Well 8 007-96 Total Gallons	Water Well 9 007-97 Total Gallons	Total Gallons
10/24/2012	1,233,936	1,210,398	97,949	3,054,060	5,596,343

Send to [injection-mining@la.gov](mailto:injection-mining@la.gov) [annemarsh@assumptionoep.com](mailto:annemarsh@assumptionoep.com)

Subject: "Bayou Corne Action Plan (The Dow Chemical Company)"