

# 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)	Phone: 985-[REDACTED] Phone: 985-[REDACTED] Cell Phone: 225-[REDACTED]

### Activities

Operational Period Report Date	12/12/12 06:00 – 12/13/12 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>- Dow 8/8A workover activity – MIT in progress and go through the week. Dow 8/8A is located north of Hwy 70 from the control room building. From Hwy 70 you will see wireline and nitrogen truck and associated equipment. Today Dow 8A will come off of MIT. We will then begin to blow down the nitrogen (noise). Once the nitrogen is off the well we will flare down the wellhead using a small portable flare (this could happen during the night tonight). At the same time we are flaring the wellhead on Dow 8A, we will be de-pressuring the brine string on Dow 8.</li><li>- Will be cleaning S-20 brine coalescer starting today through this week. The coalescers are located behind the control room along UCAR road.</li><li>- We have a forklift stuck on edge of road to Dow 10. Will be</li></ul>

	<ul style="list-style-type: none"> <li>- bringing in a side boom to get it out.</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 with a scheduled MIT. This well is MIT'd every 5 years and is due this year. Permit has been approved. A portable flare is set up on for de-pressuring a pipe section.</li> <li>- Replace pipe spool section Dow 9 area (routine maintenance) this week - week of 12/03.</li> <li>- Cleaning sump under coalescers. Requires use of roll off bins to remove sand and allow to drain – work will continue the week of 12/3</li> <li>- Respond to Public Agency Request</li> </ul>

### 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> </ul>

	<ul style="list-style-type: none"> <li>- Results from water well samples to DNR 10/15/12.</li> <li>- 10/31/12 water well samples pulled.</li> <li>- LEL monitoring of well bores, anchors, water wells penetrations, and T-20 mining water tanks including visual inspections on 10/6/12. No LEL detected on any checks.</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
12/10/2012	1,271,820	1,365,924	831,358	3,119,040	6,588,142
12/11/2012	1,298,880	1,447,061	1,340,200	3,119,040	7,205,182

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