

# 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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| Company Representative                                     | <p>J.C. Hebert III<br/> Office Phone: 985-██████████<br/> Cell Phone: 225-██████████<br/> Email: <a href="mailto:jchebertiii@dow.com">jchebertiii@dow.com</a></p> <p>Danny Craft<br/> Office Phone: 985-██████████<br/> Cell Phone: 225-██████████<br/> Email: <a href="mailto:dbcraft@dow.com">dbcraft@dow.com</a></p> |
| Grand Bayou Operations Control Room<br>( Staffed 24 hours) | <p>Phone: 985-██████████<br/> Phone: 985-██████████<br/> Cell Phone: 225-██████████</p>   |

### Activities

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|---|---|
| Operational Period Report Date          | 12/15/12 06:00 – 12/16/12 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 is complete. Dow 8/8A is located north of Hwy 70 from the control room building. Continue de-pressuring Dow 8 brine to the brine tanks. Once pressure is down to header pressure will route flow to sump and pump into system with diesel pump. Once well is flat to the sump we will pull the 4" logging valve and install a 10" for logging of Dow 8. Caliper and Devert logs will be ran. This activity will run into next week.</li> <li>- Water to Chevron for re-watering continues.</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> </ul>  |

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|  | <ul style="list-style-type: none"> <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>- Respond to Public Agency Request</li> </ul> |
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**Activities Associated with  
Declaration of Emergency and Directive**

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| 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> <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<br>007-16<br>Total<br>Gallons | Water Well 7<br>007-85<br>Total<br>Gallons | Water Well 8<br>007-96<br>Total<br>Gallons | Water Well 9<br>007-97<br>Total<br>Gallons | Total<br>Gallons |
|------------|--|--|--|--|------------------|
| 12/13/2012 | 1,271,820                                  | 1,288,161                                  | 1,237,497                                  | 3,119,040                                  | 6,916,518        |

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)"