# The Dow Chemical Company

## **Action Plan**

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

#### **Contact Information**

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

# Activities

| Operational Period Report Date             | 03/21/13 06:00 - 03/22/13 06:00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Current Status of Operation or<br>Activity | <ul> <li>Continuing Normal Operations</li> <li>Normal operations include operating 4 permitted flares.<br/>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>Coastal Contractor will begin underground piping inspection process. This entails walking out underground piping testing for coating breakdown using non-intrusive testing equipment (ECDA).</li> <li>The portable flare is setup in the south field to be used to re-commission a hydrocarbon line there may be some flaring this week.</li> <li>Sandblasting and painting at Dow 16 and Dow 7.</li> </ul> |
| Proposed Activities and<br>Objectives      | <ul> <li>Water to Chevron for re-watering continues.</li> <li>Continue Normal Operation including operation of flares<br/>associated with normal operations.</li> <li>Continue visual inspection of property and equipment for<br/>signs of subsidence or anything out of the ordinary.</li> <li>Respond to Public Agency Request</li> </ul>                                                                                                                                                                                                                                                                                                                                                                       |

| Activity For Period Described | - Reporting Water flows                                                                    |
|-------------------------------|--------------------------------------------------------------------------------------------|
| Above                         | - Gathering and preparing information in response to the                                   |
|                               | January 30, 2013 DNR directive.                                                            |
| Completed Activities          | <ul> <li>LEL monitoring of well bores, anchors, water wells</li> </ul>                     |
|                               | penetrations, and T-20 mining water tanks including visual                                 |
|                               | inspections. No LEL detected on any checks.                                                |
|                               | <ul> <li>Met with Dome Operators on Wednesday</li> </ul>                                   |
|                               | <ul> <li>Water well samples have been pulled and sent to Lab for<br/>analysis.</li> </ul>  |
|                               | - Met with DNR and Shaw to discuss action plans.                                           |
|                               | - Sample results from water wells received and sent to DNR                                 |
|                               | - Ran PDK Log on Dow 14 brine well and Water Well 1                                        |
|                               | 9/24/12. As per experts no gas detected in either location.                                |
|                               | <ul> <li>Met with Dome Operators 9/26/12</li> </ul>                                        |
|                               | <ul> <li>Sent Storage well data to DNR</li> </ul>                                          |
|                               | - Gathered Water well information for Dr. Ratigan.                                         |
|                               | - The Dow water wells were sampled today 10/3/12.                                          |
|                               | <ul> <li>Met with DNR to review progress by Dome Operators and<br/>Dr. Ratigan.</li> </ul> |
|                               | - 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.                                               |
|                               | - Update meeting with Dome Operators and Dr. Ratigan.                                      |
|                               | 10/8/12                                                                                    |
|                               | <ul> <li>Results from water well samples to DNR 10/15/12.</li> </ul>                       |
|                               | <ul> <li>10/31/12 water well samples pulled.</li> </ul>                                    |
|                               | <ul> <li>LEL monitoring of well bores, anchors, water wells</li> </ul>                     |
|                               | penetrations, and T-20 mining water tanks including visual                                 |
|                               | inspections on 10/6/12. No LEL detected on any checks.                                     |
|                               | <ul> <li>Reporting Daily Water Well flows to DNR.</li> </ul>                               |

### Activities Associated with Declaration of Emergency and Directive

Send to injection-mining@la.gov annemarsh@assumptionoep.com

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