# **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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|------------------------|--|
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### Activities

| Operational Period Report Date          | 07/24/13 06:00 – 07/25/13 06:00   |
|---|---|
| Current Status of Operation or Activity | <ul> <li>Continuing Normal Operations</li> <li>Normal operations include operating 4 permitted flares.</li> </ul>   |
|   | 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.  - Work at Dow 21 to prepare well for workover. Workover |
|   | Rig delayed; current schedule puts it here Thursday or Friday S-23 coalescer internal inspection and re-line.   |
|   | <ul> <li>Replace Brine Out control valve on Grace 1.</li> <li>Pull and inspect piping mining water piping spool on Grace 1.</li> </ul>  |
|   | <ul><li>Replacing water line to Eagle Lake.</li><li>Painting at Dow 13</li></ul>  |
|   | <ul><li>Painting at Dow 9/9A</li><li>Installing a flow meter at Water well 7.</li></ul>   |
|   | - Semi-annual well shutdown testing continues.  |
| Proposed Activities and                 | <ul><li>Flowing water to Chevron</li><li>Continue Normal Operation including operation of flares</li></ul>  |

| Objectives | associated with normal operations.   |
|------------|--|
|            | <ul> <li>Continue visual inspection of property and equipment for</li> </ul> |
|            | signs of subsidence or anything out of the ordinary.                         |
|            | - Respond to Public Agency Request   |

## **Activities Associated with Declaration of Emergency and Directive**

| Activity For Period Described | - Reporting Water flows  |
|-------------------------------|--|
| Above Completed Activities    | <ul> <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> |
|                               | <ul> <li>10/31/12 water well samples pulled.</li> <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.  - Reporting Daily Water Well flows to DNR.  |

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

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