# 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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#### Activities

Operational Period Report Date	02/03/13 06:00 - 02/04/13 06:00
Current Status of Operation or	- Continuing Normal Operations
Activity	<ul> <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 to replace the south field flare continues. This is the
	flare located south of the GBO Control Room. The new
	flare is in place. This job should be completed by February
	13 <sup>th</sup> and be performed by a construction contractor.
	<ul> <li>Dow 8/8A wellheads to replace wellhead bolts and to</li> </ul>
	recoat wellhead ground to air interface.
	<ul> <li>Fabricator working on V-20 top replacement. Work will</li> </ul>
	continue once received. Will probably take a week or so.
	<ul> <li>Water to Chevron for re-watering continues.</li> </ul>
	<ul> <li>Responding to requests from the Public Agencies.</li> </ul>
	<ul> <li>Seismic monitor setup at Dow 18 well site.</li> </ul>
	<ul> <li>Responding to request by Public Agencies.</li> </ul>
Proposed Activities and	- Continue Normal Operation including operation of flares
Objectives	associated with normal operations.

<ul> <li>Continue visual inspection of property and equipment for signs of subsidence or anything out of the ordinary.</li> </ul>
<ul> <li>Respond to Public Agency Request</li> </ul>

#### Activities Associated with

### Declaration of Emergency and Directive

Activity For Period Described	<ul> <li>Reporting Water flows</li> </ul>
Above	<ul> <li>Gathering data for Consultant Hired by Dome Operators.</li> </ul>
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</li> </ul>
	analysis.
	<ul> <li>Met with DNR and Shaw to discuss action plans.</li> </ul>
	<ul> <li>Sample results from water wells received and sent to DNR</li> </ul>
	<ul> <li>Ran PDK Log on Dow 14 brine well and Water Well 1</li> </ul>
	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</li> </ul>
	Dr. Ratigan.
	- 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.
	<ul> <li>Update meeting with Dome Operators and Dr. Ratigan.</li> </ul>
	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>

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

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