

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
North Plant MGP - Removal Polrep  
Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** POLREP #1  
Initial  
North Plant MGP  
O5KT  
Waukegan, IL  
Latitude: 42.3737150 Longitude: -87.8243880

**To:** Jaime Brown, EPA  
Raghu Nagam, OTIE  
Mark Johnson, ATSDR  
Valencia Darby, Department of Interior  
Bruce Everetts, Illinois EPA  
Lindy Nelson, U.S. DOI  
Sam Borries, U.S. EPA  
Yolanda Bouchee-Cureton, U.S. EPA  
Jason El-Zein, U.S. EPA  
Sherry Fielding, U.S. EPA  
John Maritote, U.S. EPA  
Thomas Marks, U.S. EPA  
Mike Ribordy, U.S. EPA  
Carol Ropski, U.S. EPA  
Andrew Plier, OTIE  
Brad Benning, EPA  
Fernando Monterey, OTIE  
Mindy Clements, U.S. EPA  
Mark Durno, U.S. EPA  
HQ EOC, U.S. EPA  
Charlie Gebien, U.S. EPA  
John Glover, U.S. EPA  
Shelly Lam, U.S. EPA  
Matt Mankowski, U.S. EPA  
Ann Whelan, U.S. EPA  
Carolyn Bohlen, U.S. EPA  
Cecilia Moore, U.S. EPA  
Brian Schlieger, U.S. EPA  
sharron Jaffess, EPA  
Peter Felitti, ORC

**From:** Jaime Brown, OSC  
**Date:** 6/14/2013  
**Reporting Period:** May 6th through June 5th

**1. Introduction**

**1.1 Background**

|                            |              |                                |                |
|----------------------------|--------------|--------------------------------|----------------|
| <b>Site Number:</b>        | O5KT         | <b>Contract Number:</b>        |                |
| <b>D.O. Number:</b>        |              | <b>Action Memo Date:</b>       |                |
| <b>Response Authority:</b> | CERCLA       | <b>Response Type:</b>          | PRP Oversight  |
| <b>Response Lead:</b>      | PRP          | <b>Incident Category:</b>      | Removal Action |
| <b>NPL Status:</b>         | Non NPL      | <b>Operable Unit:</b>          |                |
| <b>Mobilization Date:</b>  | 5/6/2013     | <b>Start Date:</b>             | 5/6/2013       |
| <b>Demob Date:</b>         |              | <b>Completion Date:</b>        |                |
| <b>CERCLIS ID:</b>         | ILD984807990 | <b>RCRIS ID:</b>               |                |
| <b>ERNS No.:</b>           |              | <b>State Notification:</b>     |                |
| <b>FPN#:</b>               |              | <b>Reimbursable Account #:</b> |                |

**1.1.1 Incident Category**

Manufacturing/processing/maintenance - oil and gas refining

**1.1.2 Site Description**

The North Plant site is composed of three parcels (parcels 1, 2, and 4). The former MGP was located on

parcel 1.

#### 1.1.2.1 Location

The Site is located on vacant land at 849 Pershing Road, Waukegan, Lake County, Illinois. The geographical coordinates for the Site are Latitude 42.3737 north and Longitude -87.8246 west. The Site is bounded to the north by Dahringer Road, on the west by Pershing Road, on the east by the Elgin, Joliet & Eastern Railroad, and to the south by property owned by A.L. Hansen Manufacturing Company. The Site is located about one-half mile west of Lake Michigan.

#### 1.1.2.2 Description of Threat

Past data indicates the presence of TCLP benzene concentrations exceeding 0.5 mg/l in addition to concentrations exceeding the 540 mg/kg RML. Depth to groundwater in the area varies from 2-5 feet below ground surface. Groundwater flows east towards Lake Michigan and organics contained in the DNAPL may leach into the groundwater and migrate to Lake Michigan.

#### 1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Several site investigations have occurred at the Site since 1990. Analytical results from historical samples in the proposed removal areas indicate the presence of elevated concentrations of polynuclear aromatic hydrocarbons (PAH) and VOCs in the DNAPL present in both the surface and subsurface.

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

On April 8, 2013, EPA executed an Administrative Order by Consent (AOC) under Sections 104, 106(a), 107, and 122 of the Comprehensive Environmental Response, Compensation and Liability Act.

#### 2.1.2 Response Actions to Date

To date, North Shore Gas has notified EPA of its designated contractor and project coordinator. Additionally, North Shore Gas mobilized to the Site and ;

- Implemented site security measures
- Constructed a tracking pad and temporary access roads
- Implemented the applicable portions of the air monitoring
- Initiated excavation and demolition of subsurface foundations/structures
- Disposed of 10,190 tons of soil and debris at Countryside Landfill

#### 2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

EPA executed Docket No. V-W-13 C-009, an AOC with North Shore Gas on April 8, 2013.

#### 2.1.4 Progress Metrics

| Milestone                        | Date Due  | Date Done |
|----------------------------------|-----------|-----------|
| Effective Date (ED)              |           | 4/8/2013  |
| Contractor Notification          | 4/22/2013 | 4/26/2013 |
| Project Coordinator Notification | 4/22/2013 | 4/26/2013 |
| Site Preparation                 | 7/24/2013 |           |
| Remove subsurface structures     | 7/24/2013 |           |
| Install erosion controls         | 7/01/2013 |           |
| ISS work                         | 7/24/2013 |           |
| Site demobilization              |           |           |

### 2.2 Planning Section

#### 2.2.1 Anticipated Activities

The following sections discuss planned response activities and next steps.

##### 2.2.1.1 Planned Response Activities

During the next reporting period North Shore Gas will continue to follow the activities laid out in the Removal Action Work Plan.

##### 2.2.1.2 Next Steps

North Shore Gas will continue excavation of subsurface structures in preparation of ISS activities.

#### 2.2.2 Issues

None

### 2.3 Logistics Section

Not applicable (NA)

### 2.4 Finance Section

No information available at this time.

## **2.5 Other Command Staff**

### **2.5.1 Safety Officer**

EPA has approved the HASP approved by North Shore Gas.

### **2.5.2 Liaison Officer**

NA

### **2.5.3 Information Officer**

NA

## **3. Participating Entities**

### **3.1 Unified Command**

NA

### **3.2 Cooperating Agencies**

IEPA

## **4. Personnel On Site**

NA

## **5. Definition of Terms**

No information available at this time.

## **6. Additional sources of information**

### **6.1 Internet location of additional information/report**

Additional information can be found at [www.epaosc.org/northplant](http://www.epaosc.org/northplant).

### **6.2 Reporting Schedule**

The next PolRep will be issued in July 2013.

## **7. Situational Reference Materials**

NA

POLREP #1 Last Updated 7/30/2013