



# FACT SHEET

## DEC Announces Public Meeting on Proposal To Clean Up Frontier Chemical Site, Operable Unit (OU) 2 - Deep Bedrock Groundwater

State Superfund Program

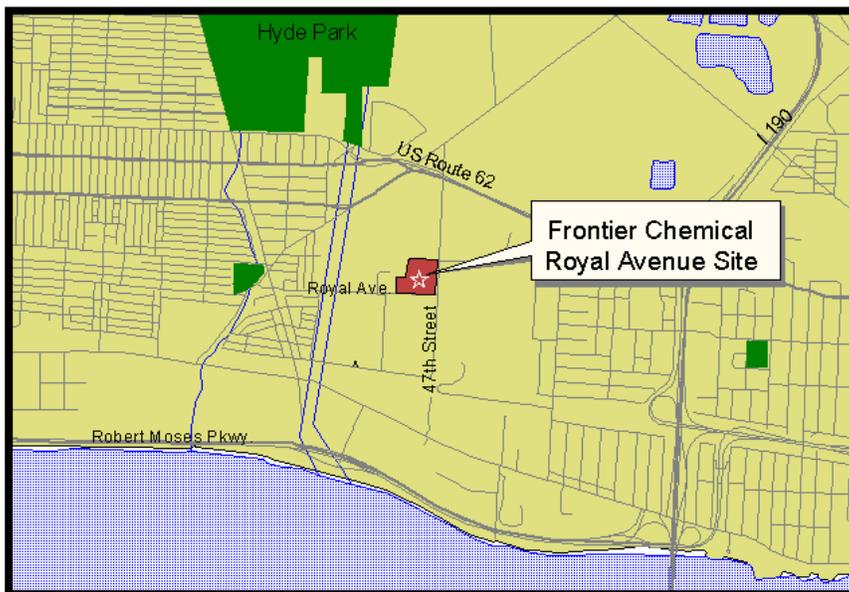
Project No. 932110

February 2011

### Introduction

The New York State Department of Environmental Conservation (DEC) invite you to attend a public meeting (see notice below) about cleanup plans for the Frontier Chemical Operable Unit 2 Site, located at the corner of Royal Avenue and 47<sup>th</sup> Street in the City of Niagara Falls. The site sits in a predominantly industrial area of the city. Former chemical treatment and waste disposal activities at the site contaminated site soil and groundwater.

The cleanup plan is described in a document called the "Proposed Remedial Action Plan" (PRAP), which is available for your review at the locations listed in this fact sheet and on the DEC website. **Public comments on the PRAP will be accepted for 30 days, from February 14 – March 15, 2011.** You may address written comments to the DEC project manager listed on the opposite page.



*Site Location Map*

**You are invited to attend a  
PUBLIC MEETING**

**Regarding the  
Frontier Chemical Site**

**to be held**

**March 7, 2011 at 7:00 PM**

**at**

**Earl Brydges Memorial Library  
1425 Main Street, Niagara Falls**

### What Does the Proposed Cleanup Plan Involve?

DEC has evaluated the possibilities for cleaning up the deep bedrock groundwater on the property and recommends a particular cleanup action. The actions proposed to address the contamination include:

- Developing a long-term plan to monitor the natural processes that break down contamination;
- Placing an environmental easement on the property that limits site use for commercial/industrial uses, restricts the use of groundwater as a source of potable or process water, prohibits agriculture or vegetable gardens on the property;
- Using green remediation principles and techniques when feasible to avoid adverse environmental impacts; and
- Certifying periodically that the conditions of the easement and Site Management Plan are being followed.

### What Comes Next?

Written comments received during the comment period and the public meeting will be considered as the plan for the Site is finalized. The final plan will be issued in a document called the Record of Decision (ROD). The ROD will describe the plan selected and why it was chosen. NYSDEC will respond to the comments it received about the

PRAP in a responsiveness summary included in the ROD. Fact sheets similar to this one will be distributed to keep the public informed during the cleanup.

### **Site Background**

The Frontier Chemical Royal Avenue site is a nine acre site located at the corner of Royal Avenue and 47<sup>th</sup> Street in Niagara Falls, Niagara County. The Frontier Chemical Waste Process Corporation operated a waste treatment, storage and disposal facility at the site from 1974 until December of 1992. During site operations, several major spills were documented. During 1993 to 1994, over 4,000 drums of wastes were removed from the site as part of a cleanup effort. Between 1994 and 1995, wastes were removed from the 45 chemical storage tanks remaining on the property through a cleanup effort by U.S. Environmental Protection Agency (EPA). The site is currently classified as an inactive hazardous waste site.

To determine the type and location of contamination at the site, NYSDEC conducted a Remedial Investigation (RI) in 2002. The RI Report confirmed that extensive soil and groundwater contamination resulted from past waste storage, handling and treatment activities at the site. To facilitate cleanup, the site was divided into separate portions, called Operable Units. OU1 is site soil and shallow bedrock groundwater, and OU2 is deep bedrock groundwater. The main contaminants found in the site's soil and groundwater were volatile organic compounds (VOCs) and other organic contaminants. VOCs are common industrial chemicals that contain carbon and evaporate easily (cleaning solvents, etc.). The site investigation indicated that most of the contaminated site groundwater was not migrating off-site. A Record of Decision was issued in March 2006 to determine the remedial measures necessary to address the contamination found in site soils and shallow bedrock groundwater on the property. Additional investigations of the deep bedrock groundwater, the subject of this PRAP, were conducted in 2008/2009.

### **Who Should I Call If I Have Questions About the Site?**

Should you have any question about this project, please feel welcome to contact these representatives:

#### Environmental Questions

Gregory Sutton  
NYSDEC Region 9 Office  
270 Michigan Avenue  
Buffalo, NY 14203  
Phone: (716) 851-7220  
[region9@gw.dec.state.ny.us](mailto:region9@gw.dec.state.ny.us)

#### Health-Related Questions

Matt Forcucci  
NYSDOH  
584 Delaware Avenue  
Buffalo, NY 14202  
Phone: (716) 847-4501  
[mjf13@health.state.ny.us](mailto:mjf13@health.state.ny.us)

### **Locations to View Project Documents**

Public interest and input in this project is valued and appreciated. To keep you informed, DEC has set up locations at which you may view project documents. These locations include:

DEC Region 9 Office  
270 Michigan Avenue  
Buffalo, NY 14203  
(716) 851-7220  
*(Please call for appointment)*

Earl Brydges Memorial Library  
1425 Main Street  
Niagara Falls, NY 14304  
(716) 286-4894

Electronic versions of the PRAP and other project documents are also available at:  
<http://www.dec.ny.gov/chemical/72001.html>.

#### **Receive Site Fact Sheets by Email**

Have site information such as this fact sheet sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page:  
[www.dec.ny.gov/chemical/61092.html](http://www.dec.ny.gov/chemical/61092.html)

It's *quick*, it's *free*, and it will help keep you *better informed*.

