

Public Meeting Invitation

Tuesday, April 3, 2007
From 7:00 to 9:00 PM

Utica City Hall,
1 Kennedy Plaza, Utica,
New York 13502,
315-792-0150

The New York State Departments of Environmental Conservation and Health (NYSDEC and NYSDOH) will discuss the proposed remedy for the Matt Petroleum Site. At the meeting, representatives from the NYSDEC and NYSDOH will:

- Describe results of the site investigations;
- Explain the proposed remedy;
- Answer your questions about the remedy;
- Receive your verbal or written comments about the proposal.

PUBLIC COMMENT PERIOD

From: March 20, 2007
To: May 4, 2007

FACT SHEET

March 20, 2007

Matt Petroleum SITE

SITE No. B00192

Leland Avenue, Utica,

Oneida County, New York

Remedy Proposed for the Matt Petroleum Site

Public Meeting, Comment Period Announced

The New York State Department of Environmental Conservation (NYSDEC), working cooperatively with the New York State Department of Health (NYSDOH), has proposed a remedy designed to address contamination identified at the Matt Petroleum Environmental Restoration Project in City of Utica, New York (See Figure 1).

The Proposed Action: Highlights of the proposed remedy include the excavation of petroleum contaminated soils on site and treating them with a soil turning method in order to achieve soil cleanup objectives. Groundwater will be collected, treated and managed appropriately and the site will be back filled with clean and/or treated soil. Up to 25 % of the most grossly contaminated soils may go off site for proper disposal. This proposal is described in the site's Proposed Remedial Action Plan (PRAP). The PRAP was developed following a detailed investigation of the site. The PRAP evaluates different options to clean up the site and presents the alternative preferred by the NYSDEC and NYSDOH.

See pages 2 and 3 of this fact sheet for a summary of the PRAP, site background, and summary of the site investigation. The full PRAP is available for your review at the document repositories listed on page 3.

Your Opportunities to Comment on the Proposed Remedy: Release of the PRAP begins a process to finalize selection of the remedy for the site. Your comment and input about the proposed remedy are important and encouraged.

Your oral and written comments about the PRAP are welcome at the **public meeting** (see sidebar) and during a **public comment period** which runs until May 4, 2007. Written comments also may be mailed until the end of the comment period to:

Peter S. Ouderkirk

NYSDEC, Division of Environmental Remediation

Region 6 Offices, 7th Floor

317 Washington Street, Watertown, New York 13605

psouderk@gw.dec.state.ny.us

What Happens Next: All comments received during the public comment period will be considered as the remedy for the Matt Petroleum site is finalized. Public input will be factored into the record of decision (ROD) which will describe the remedy selected and why it was chosen. NYSDEC will respond to comments in a responsiveness summary included in the ROD.

Site History

The use of this site as a bulk petroleum terminal from the 1950 to the 1990s has resulted in the release of petroleum products to the environment. Leaking tanks and piping appears to have been the most significant pathway for contamination to reach soil and groundwater. Several major releases in excess of 50,000 gallons have been documented over the operational period. In addition, frequent releases of small amounts of petroleum products occurred during the filling and transfer process. The facility used and spilled various phases of petroleum products, which ranged from a heavy No. 6 fuel oil to lighter gasoline and diesel products

Site Investigation

The purpose of the SI was to define the nature and extent of any contamination resulting from previous activities at the site. The SI was conducted between May of 2004 and September of 2006. The field activities and findings of the investigation are described in the SI report. The following activities were conducted during the SI.

A total of 45 test pits were excavated between May 14 and May 18, 2004. Test pits ranged in depth from six (6) to ten (10) feet below grade.

A total of 79 soil borings were advanced across and adjacent to the site. Samples were collected using a two inch in diameter by four feet sleeved sampler.

A total of 16 permanent monitoring wells were installed during the field activities to evaluate both groundwater flow direction and quality.

A total of 12 surface soil samples were collected during the investigation, including two samples along the Mohawk River bank. These samples were collected to assess the extent of surficial contamination and for use in the assessment of contaminant fate and transport and for the baseline risk assessment.

Between January and June of 2006, a bench scale program was conducted to evaluate both biological

and chemical treatment options for the petroleum contaminated soils. The results of the bench scale testing was utilized to conduct the pilot scale testing.

Between June and September of 2006, a pilot scale test program was conducted utilizing a soil turning method to determine the effectiveness and duration required for the soil turning program.

Interim Remedial Measures

An interim remedial measure (IRM) is conducted at a site when a source of contamination or exposure pathway can be effectively addressed before completion of the RI/FS.

From the fall of 2003 to June of 2004, the City of Utica conduct an IRM at the site. During the IRM, multiple tanks, pipes and other vessels were cleaned, dismantled and removed from the site for disposal and/or recycling. The majority of the tank contents had been previously removed, except for a bottom sludge/product layer. Once the product and sludge were removed from the containers, the tanks were dismantled and cut up for recycling. A total of fourteen (14) above ground storage tanks (ASTs) were removed. On site piping was drained, cleaned and cut up for recycling. Loading racks, pumps and other blending tanks were cleaned and dismantled for scrap. Five underground storage tanks (USTs), which held waste oil and gasoline, were excavated, cleaned and removed. Several buildings were abated of asbestos and demolished. The buildings included the boiler house, the maintenance building, and a garage. An oil/water separator, which was installed by the USEPA was removed. The pump house cleaned and dismantled. Numerous containers of chemicals, paints, petroleum products and other car care products stored in the garage were inventoried and disposed of properly.

Summary of Proposed Remedial Action

The Matt Petroleum Site is located on Leland Avenue in the City of Utica, Oneida County. The 4.7 acre property was the site of a former brick manufacturing operation from the turn of the century to the 1950's. From the 1950's until the 1990's the site was operated as a major oil storage facility. Due to the release of petroleum contamination the PRAP has been developed to address the environmental and health related concerns. The PRAP identifies the remedy preferred by the NYSDEC and NYSDOH to remediate the petroleum contaminated soil and groundwater. The proposed alternative was

chosen following a detailed investigation of the site and evaluation of alternatives for remediating the contamination.

The elements of the proposed remedy include:

- A remedial design program would be implemented to provide the details necessary for the construction, operation, maintenance, and monitoring of the remedial program.
 - The remedial action would entail the development of a water management program to de-water the site and to collect and manage the water. Sheet-pile or other barriers may be utilized along the Barge Canal to prevent releases to the Canal and/or prevent surface water from the canal entering the site.
 - A soil management and treatment plan will be developed to coordinate the movement, treatment and replacement of soils. De-watered areas will be excavated and moved into position for screening and soil turning. Soil piles will be monitored to determine when standards, criteria and guidance (SCGs) are achieved and to insure that no offsite migration of contaminants via dust or vapors occurs.
 - Imposition of an institutional control in the form of an environmental easement that would require (a) limiting the use and development of the property to commercial use, which would also permit industrial use; (b) compliance with the approved site management plan; (c) restricting the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by NYSDOH; and (d) the property owner to complete and submit to the Department a periodic certification of institutional and engineering controls.
 - Development of a site management plan, if soil cleanup objectives are not achieved, which would include the following institutional and engineering controls: (a) management of the soil cover to restrict excavation below the soil cover's demarcation layer, pavement, or buildings.
- Excavated soil would be tested, properly handled to protect the health and safety of workers and the nearby community, and would be properly managed in a manner acceptable to the Department; (b) continued evaluation of the potential for vapor intrusion for any buildings developed on the site, including provision for mitigation of any impacts identified; (c) monitoring of groundwater; (d) identification of any use restrictions on the site; (e) fencing to control site access; and (f) provisions for the continued proper operation and maintenance of the components of the remedy.
- The property owner would provide a periodic certification of institutional and engineering controls, prepared and submitted by a professional engineer or such other expert acceptable to the Department, until the Department notifies the property owner in writing that this certification is no longer needed. This submittal would: (a) contain certification that the institutional controls and engineering controls put in place are still in place and are either unchanged from the previous certification or are compliant with Department-approved modifications; (b) allow the Department access to the site; and (c) state that nothing has occurred that would impair the ability of the control to protect public health or the environment, or constitute a violation or failure to comply with the site management plan unless otherwise approved by the Department.
 - The operation of the components of the remedy would continue until the remedial objectives have been achieved, or until the Department determines that continued operation is technically impracticable or not feasible.

Costs and Funding for the Site Remedy

The total present worth to construct and implement the proposed remedy is estimated at \$4,300,000. 1996 Clean Water/Clean Air Bond Act will provide up to 90% funding to the City of Utica for the implementation of the remedial action. Once remediated, the property can then be utilized for commercial and/or light industrial use.

Health Issues

The site poses a risk to workers or trespassers via dermal contact, incidental ingestion or inhalation of contaminated surface soil. Sub-surface soil may pose a risk to construction workers digging in areas of known contamination. A perimeter fence is maintained to limit site access. The risks associated with potentially contaminated soil vapor will be evaluated prior to site re-development. A community air monitoring plan will be employed to protect the public during remedial site activities.

Document Repositories: To review the complete PRAP and other site information:

City of Utica Engineering
Department
1 Kennedy Plaza
Utica, New York 13602
315-792-0152
Contact: Debbie Day
Hours: 9:00 am - 5:00 pm

NYSDEC Region 6
7th Floor, Environmental Quality
317 Washington Street
Watertown, NY 13601
315-785-2513
Contact: Peter Ouderkirk
Hours: 8:00 am - 5:00 pm

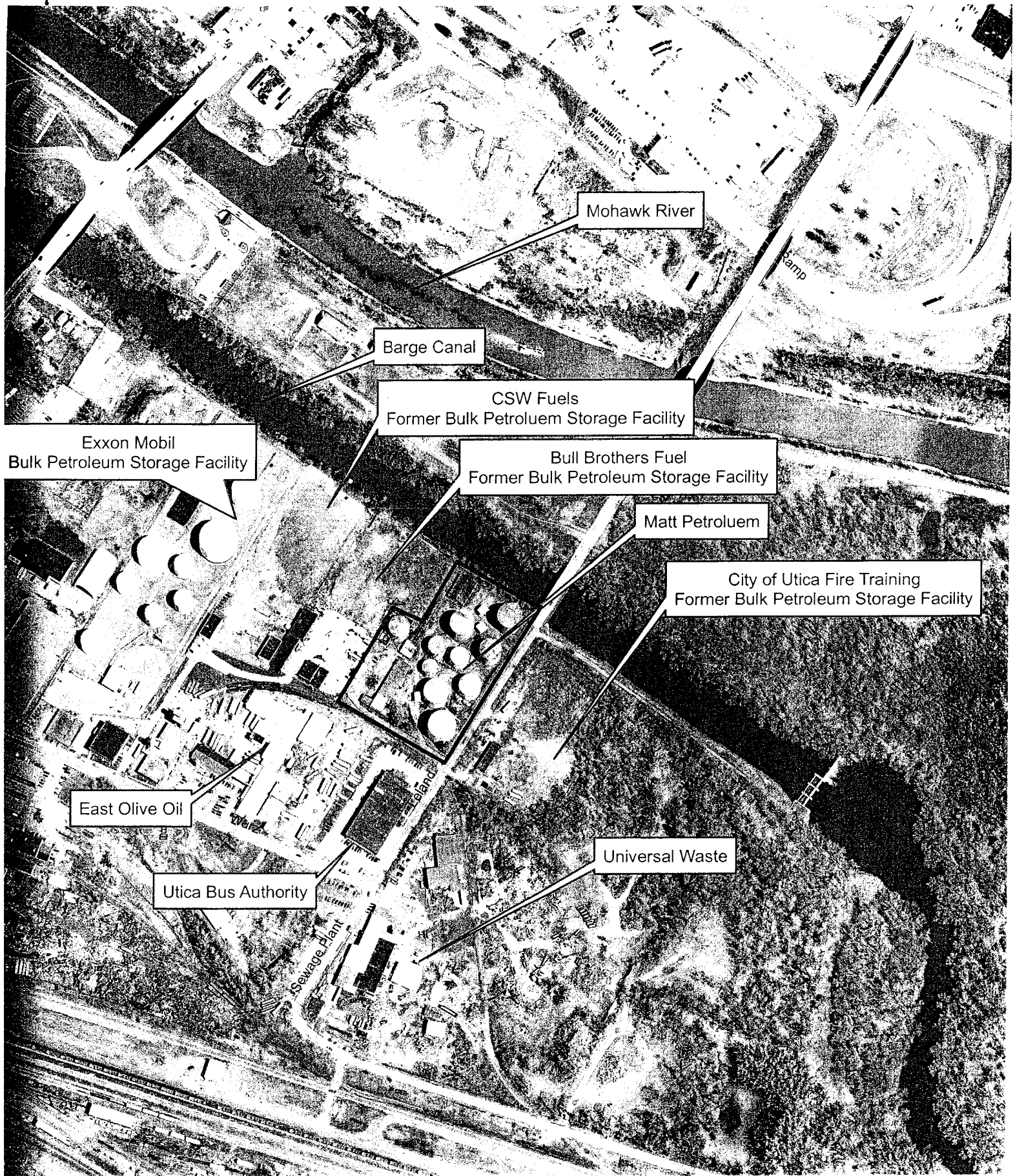
NYSDEC
625 Broadway
Albany, New York 12233-7014
Contact: David Crosby
518-402-9662
Hours: Mon-Fri 8:30 am - 5:00 pm

For More Information: Call or write the following staff for more information about:

**Meeting/Comment Period/
Technical Information:**
Peter S. Ouderkirk
NYSDEC 6
317 Washington Street
Watertown, NY 13601
Phone: 315-785-2513
psouderk@gw.dec.state.ny.us

Health-Related Information:
Greg Rys
NYSDOH - Herkimer Office
5665 State Route 5
Herkimer, New York 13350
315-866-6879

Citizen Participation:
Stephen Litwhiler
NYSDEC Region 6
317 Washington Street,
Watertown, NY 13601
315-785-2252



Matt Petroleum Site No. B00192-6

Figure 2 Site Vicinity Map

