



**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF ENVIRONMENTAL REMEDIATION  
PRAP/ROD ROUTING SLIP**



TO: Sal Ervolina, Assistant Division Director

FROM: The attached is submitted for your approval by:

| NAME                              | INITIAL | DATE    |
|-----------------------------------|---------|---------|
| Project Manager: Peter Ouderkirk  | PSO     | 5/21/07 |
| Section Chief/RHWRE: Peter Taylor | PT      | 5/23/07 |
| Bureau Director: Bob Schick       |         |         |

DATE: 5/21/2007

RE: **Site Name** Matt Petroleum  
**City** UTICA C

**Site Code** B00192  
**County** Oneida

☐ **PRAP**

- ☐ Draft PRAP
- ☐ Clean copy of the PRAP
- ☐ Redline/Strikeout version of the PRAP
- ☐ Copies of edits to PRAP (Sal's/Dale's)
- ☐ Site Briefing Report
- ☐ NYSDOH concurrence letter
- ☐ USEPA concurrence letter

PRAP Release Approvals

Ass't Div Director: \_\_\_\_\_  
Sal Ervolina

Division Director: \_\_\_\_\_  
Dale Desnoyers

☐ **ROD**

- ☒ Draft ROD
- ☐ Signature-ready copy of the ROD
- ☐ Redline/Strikeout version of the ROD
- ☐ Copies of edits to ROD (Sal's/Dale's)
- ☐ Site Briefing Report
- ☐ NYSDOH concurrence letter
- ☐ USEPA concurrence letter

ROD Signoff

Ass't Div Director: \_\_\_\_\_  
Sal Ervolina

☐ **BRIEFING**

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_ **Room:** \_\_\_\_\_

c: Dale Desnoyers  
Other reviewers who are invited to Briefing



**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**  
**DIVISION OF ENVIRONMENTAL REMEDIATION**  
**Site Briefing Report**



|                       |           |                  |                |                                        |
|-----------------------|-----------|------------------|----------------|----------------------------------------|
| <b>Site Code</b>      | B00192    | <b>Site Name</b> | Matt Petroleum |                                        |
| <b>Classification</b> | A         | <b>Address</b>   | Leland Avenue  |                                        |
| <b>Region</b>         | 6         | <b>City</b>      | UTICA C        | <b>Zip</b> 13502-                      |
| <b>Latitude</b>       | 43:06:23. | <b>Town</b>      | Utica (c)      | <b>Project Manager</b> Peter Ouderkirk |
| <b>Longitude</b>      | 75:12:45. | <b>County</b>    | Oneida         |                                        |
| <b>Site Type</b>      | Dump      |                  |                | <b>Estimated Size</b> 4.7000           |

### Site Description

The site is directly adjacent to the Mohawk River and was used as a tank farm for several decades. Prior owners include Burgess Petroleum and Matt Petroleum. The Environmental Restoration Program application references spill no. 88-09026 and SPDES permit no. 0032 4495. DEC began an on-site investigation including the installation of monitoring wells in 1991. Some groundwater data through the 1st quarter of 2002 is attached to the application and indicates the presence of free product, but DEC has suspended all groundwater monitoring. The property was acquired by the City of Utica in 1998 for non-payment of taxes. The site is in an Economic Development Zone. The City of Utica was accepted into the Environmental Restoration Program on April 13, 2003. A Site Investigation / Remedial Action Report (SIRAR) Work plan was approved on February 5, 2004. As part of the SIRAR work plan an Interim Remedial Measure was undertaken to remove waste oil, soil, tanks, buildings, debris and asbestos. Feasibility studies on site cleanup alternatives are in progress. The SI AAR was submitted in December of 2006. A Further Action PRAP was issued on March 20, 2007.

### Materials Disposed at Site

### Quantity Disposed

|                |         |
|----------------|---------|
| BENZENE        | UNKNOWN |
| ETHYLBENZENE   | UNKNOWN |
| TOLUENE        | UNKNOWN |
| XYLENE (MIXED) | UNKNOWN |
| NAPHTHALENE    | UNKNOWN |

**Analytical Data Available for :** Groundwater, Soil

**Applicable Standards Exceeded for:** Groundwater

### Assessment of Environmental Problems

The primary contaminant of concern is the multiple grades of petroleum products, which range from the light weight gasoline up to the heavy No. 6 oils. The petroleum contamination is wide spread across the site and has extensively impacted both groundwater and soil. Pathways to the Mohawk River exists as well as surfacial exposure. Free product is mixed with soil and groundwater at every level and location. Piping between tanks was a major source of contamination.

### Assessment of Health Problems

Extensive petroleum related soil and groundwater contamination have been identified on-site. The site is located in a remote industrial area of the City of Utica and is fenced. The area is served by a public water supply. The vapor intrusion pathway will need to be assessed for future site development.

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### **Remedy Description and Cost**

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#### **Remedy Description for Operable Unit 01**

Allu Soil Turning Method is proposed as part of the PRAP. This method screens and then turns the soil to increase oxygen and biological activity.

**Total Cost** \$4,300,000

**Capital Cost** \$4,300,000

**OM&M Cost** \$0

#### **Issues / Recommendations**

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#### **Remedy Description for Operable Unit 01A**

The Matt Petroleum Site was a former major oil facility located along the barge canal in the City of Utica. The IRM cleaned and removed 17 above ground storage tanks which ranged from 750,000 to 1.5 million gallons in size. Additional smaller tanks, buildings, pipelines and other structures were dismantled.

**Total Cost**

**Capital Cost**

**OM&M Cost**

#### **Issues / Recommendations**

Project Completed

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#### **Remedy Description for Operable Unit 02**

Operable Unit No. 2 will include the sediments and water of the Barge Canal. Historic and ongoing releases will be evaluated to determine the impacts to the surface water and sediment of the Barge Canal.

**Total Cost**

**Capital Cost**

**OM&M Cost**

#### **Issues / Recommendations**

The work will need to parallel the onsite remediation in order to take advantage of the on-site staff and equipment. The off-site work will be reimbursed at 100%.