

# The Maywood Project Site



F U S R A P U P D A T E

**US Army Corps  
of Engineers.**  
NEW YORK DISTRICT

Formerly Utilized Sites Remedial Action Program (FUSRAP)  
[www.fusrapmaywood.com](http://www.fusrapmaywood.com)

*Protecting Human Health, Public Safety and the Environment*

## Maywood Site Progress Report

### Site Status

Environmental cleanup at the FUSRAP Maywood Site has picked up steam with the arrival of prime construction season. As of June 1, contaminated soil excavation was ongoing at four separate locations around the Site. Final property restoration items such as paving and landscaping of previously excavated areas were underway at three other sites, each of which formerly housed waste burial pits dating back almost fifty years (see photos below). Nearly 57,000 cubic yards of contaminated soil (enough to fill over 800 rail cars of the type used for bulk material transport) were shipped for offsite disposal from these burial pits alone. Preparations for soil excavations were well underway at yet another site, including vegetation clearing and planning for earth retention and water management systems. The map on page 2 shows the general locations and status of all these sites.



*An April 2010 view of soil remediation at one of three waste disposal pits on the 100 West Hunter Avenue, Maywood property. Excavations in this area went as deep as 15 feet.*



*A portion of the same site in May 2011, fully restored and returned to productive use by the property owner.*

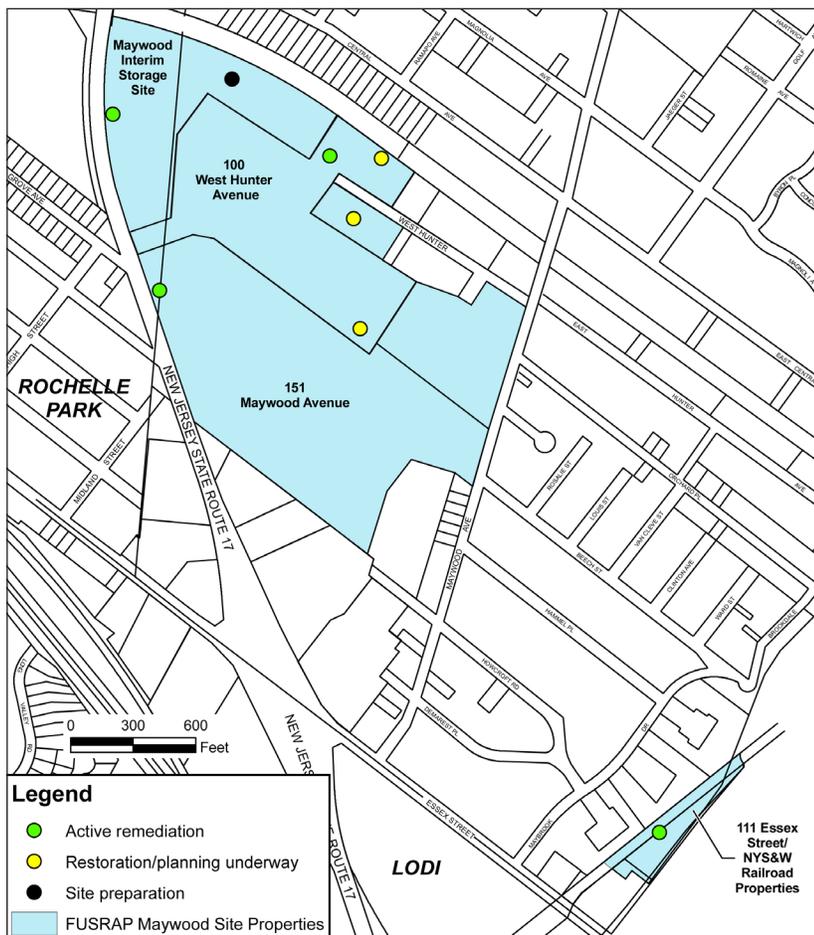
## Recovery Act



Funding provided by the American Recovery and Reinvestment Act of 2009 (the Recovery Act) has resulted in completed cleanups at several locations at the Maywood Site, including two of the historic burial pits noted earlier at 100 West Hunter Avenue (former site of the Maywood Chemical Works, now the Stepan Company). Recovery Act funds have also been used to complete soil cleanups at 205 Maywood Avenue, at portions of the Site property at 151 Maywood Avenue, and at two other 100 West Hunter Avenue locations. Ongoing Recovery Act work at 111 Essex Street and the adjacent New York, Susquehanna & Western

Railway properties in Maywood is especially noteworthy as these were the last two of the 88 designated FUSRAP Maywood Site properties to be addressed. Based on engineering designs that estimate the limits of soil removal, cleanup of these two properties was approximately 80% complete as of the end of May 2011. The total volume of soil excavated at all Recovery Act-funded locations at the Maywood Site as of that time was 65,627 cubic yards. Without this additional funding, cleanup of these areas would otherwise have been performed later as annual funding from Congress became available.

Supporting the increased workload at the Maywood Site obviously requires additional resources. Recovery Act funding is directly responsible for the addition or retention of 31 full-time jobs at the Site. These positions include equipment operators, carpenters, laborers, truck drivers, construction and engineering management, safety technicians and administrative support personnel. Many of these positions were filled by local people from right here in the North Jersey area. Subcontracted services such as fence installation, tree clearing and clean fill suppliers have also been obtained from local businesses.



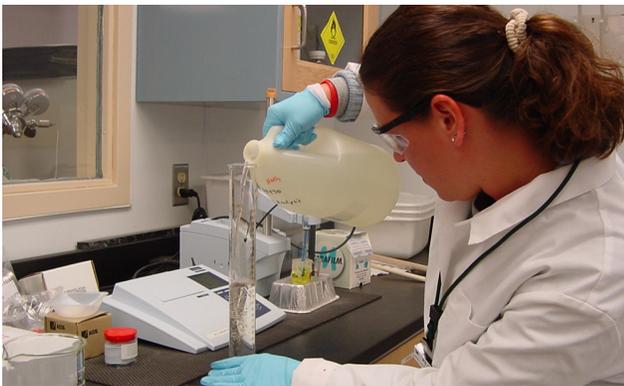
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## Safety

The Maywood project has maintained a stellar safety record throughout what has been its busiest period to date. This safety performance is reflected by a recent milestone on April 12 when the project passed 1.5 million hours continuous work hours without a lost time accident. The last lost time accident was recorded in August 2003. A lost time accident is defined by the federal Occupational Safety and Health Administration as one that results in employee days away from work or days on restricted duty. The 1.5 million hours represents about 83 percent of more than 1.8 million hours worked since the Corps mobilized to the Maywood Site.

At Maywood, the Army Corps and its environmental restoration contractor Shaw Environmental & Infrastructure are performing a scope of work that includes environmental sampling and testing, soil excavation, and shipping. Specific work activities include excavation of radioactively contaminated soil and underground structures, truck transport, railcar loading, construction dewatering, treatment and discharge, onsite laboratory analysis, and property restoration, including utility removal and replacement.

## Groundwater Program



*A technician preparing a groundwater sample for analysis at Maywood's NJDEP – certified onsite laboratory.*

Documents known as a Feasibility Study and Proposed Plan for groundwater at the FUSRAP Maywood Site were released for public comment on September 20, 2010. Taken together, these documents examine potential remedies for groundwater contamination identified by field studies at the Site and present the most feasible option for addressing those contaminants. Specifically, the plan addresses chemical groundwater contaminants originating on the government-owned Maywood Interim Storage Site (see map on page 2). The plan also discusses radiological groundwater contamination on the MISS associated with past

thorium processing. However, this contamination is already being addressed by the removal of source material soil under a separate plan released in 2003. This soil removal action also includes collection and treatment of excavation water, including groundwater.

The preferred alternative detailed in the Proposed Plan is in-place treatment of arsenic in near-surface groundwater, removal and offsite disposal of non-radiological contaminated soil at the MISS, monitored natural attenuation of specific contaminants, and groundwater use restrictions and long-term monitoring. This alternative is believed to provide the best balance among the alternatives evaluated for the Site.

A public meeting on the Feasibility Study and Proposed Plan was held on October 14, 2010 and an extended public comment period closed on November 18, 2010. All comments received during the comment period will be addressed in a groundwater Record of Decision, or ROD. The ROD is a public document that explains the remedy selection process and the cleanup action to be used at the Site. A draft ROD was transmitted to the U. S. Environmental Protection Agency and New Jersey Department of Environmental Protection (NJDEP) for review on April 19, 2011. The final ROD is expected to be released to the public later this year.

# The **Maywood Project** Site

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#### FUSRAP Public Information Center

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Monday and Wednesday

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Friday, 9 a.m. - 3 p.m.

Tel. 201-843-7466

Fax 201-843-7560

After hours calls will be returned  
the next business day.

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**FUSRAP**  
Maywood Superfund Site

Welcome to WISDom, the Web-based Information Sharing Domain for the Formerly Utilized Sites Remedial Action Program (FUSRAP) at the Maywood Chemical Company Superfund Site. WISDom was developed to encourage community participation in the ongoing cleanup of the FUSRAP Maywood Chemical Company Superfund Site. The web-site provides access to the latest available online version of the Administrative Record of site documents, facts about the site's history and current cleanup activities, information on how you as an interested citizen may get involved, and links to related web-sites that may be of interest.

[Administrative Record](#)   [Project Information](#)   [Community Participation](#)   [Related Web Sites](#)

*Find us online at [www.fusrapmaywood.com](http://www.fusrapmaywood.com).*

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