



US Army Corps  
of Engineers  
New York District

## **August 2016 Community Update - U.S. Army Corps Work in Redstone Park**



This is an update on environmental cleanup activities at Redstone Park in Lodi under the federal government's Formerly Utilized Sites Remedial Action Program (FUSRAP). FUSRAP is managed by the U.S. Army Corps of Engineers (USACE) and addresses waste generated by atomic research and production during the 1940s, 1950s and 1960s. The waste generated at the FUSRAP Maywood Site consisted primarily of a low-level naturally occurring radioactive material called thorium. The cleanup action at Redstone Park has been divided into two phases:

### **COMPLETED PHASE 1 SOIL CLEANUP AT REDSTONE PARK**

- Excavation of contaminated soil around an underground storm water pipe in the eastern portion of Redstone Park has been completed. 1,327 cubic yards of soil were removed for safe offsite disposal during this action.
- Grass that was disturbed has been replanted. A final reseeded will be done in conjunction with the restoration of the Phase 2 area.

### **UPCOMING PHASE 2 SOIL CLEANUP AT REDSTONE PARK**

USACE is planning to excavate and remove the contaminated soil around the roots of about a dozen mature trees in the park. Removing this material now will eliminate potential exposure risks to workers who may have to dig around the trees in the future. The map on page 2 shows the location of the Phase 2 work. The work is scheduled to begin on September 6, 2016 with tree removal by a professional tree surgeon. Soil excavation will begin once the trees are removed. The soil will be transported to a licensed and permitted offsite disposal facility. The project is expected to be completed by October 31, 2016. Depending on weather conditions at that time, final planting and seeding of the area may take place in spring 2017 for better results.

Some key points about the project:

- **Safety** - Portions of the park not affected by this work will remain open, except during the tree removal work. Temporary fences will be installed to separate work zones from the rest of the park. Dust suppression measures such as hosing down excavations to keep soil moist will be used. Perimeter air monitors will also operate throughout the project to track dust emissions. Trucks and other equipment will be surveyed and decontaminated as needed prior to leaving the site.
- **Schedule** - Work hours will be from 7 a.m. to 5 p.m. Monday to Thursday, with Friday work as needed to meet the schedule.
- **Benefits** - This action will bring Redstone Park into full compliance with current cleanup standards. Future workers will be protected, and future land use restrictions would not be required.
- **Coordination** - All work has been coordinated with the EPA and the Borough of Lodi. **Local officials have been consulted about tree replacement and will review the plan proposed by the Army Corps.**

Addressing the contaminated soil around the tree root balls at this time has another benefit besides ensuring worker safety. Experience from Hurricane Sandy at another site, where high winds uprooted mature trees and brought root ball contamination to the surface, led to a review of the practice of leaving contamination under

mature trees. That review considered potential exposure to future residents under the following conditions: trees were uprooted by a storm, bringing contaminated soil to the surface; a slab-on-grade home was then built above that soil. This condition is not likely given Redstone Park's current and expected future use as recreational. However, if these conditions did occur, potential future exposures to residents of the home would exceed current annual residential limits that are protective of human health, and cleanup action would be warranted. Removing the contaminated soil around the root balls now ensures that it cannot come to the surface in the future.



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