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U.S. Environmental Protection Agency (EPA) Centredale Manor Restoration Project Update

EPA Superfund Division

Summer 2009 Short-Term Cleanup

Starting in August, contaminated soil alongside and under portions of the Brook Village parking lot will be removed.

Elevated levels of dioxin found in the surface and subsurface soil alongside and under the Brook Village parking lot are moving through the groundwater to the Woonasquatucket River.

In August, Emhart Industries, Inc., a potentially responsible party, will start a short-term cleanup to excavate contaminated soil alongside and under portions of the Brook Village parking lot. This effort, which will limit the movement of contamination from under the parking lot to the river, should take about three months to complete and may require additional landscaping in spring 2010. EPA and RIDEM will be supervising the work being done by Loureiro Engineering Associates and its subcontractors on behalf of Emhart.

The short-term cleanup will include:

- Excavating contaminated soil and disposing off-site;
- Stockpiling clean surface soil and topsoil for reuse as backfill;
- Installing temporary diversions of the river water away from the excavation area;
- Backfilling and re-grading excavated area;
- Installing an engineered impermeable cap;

- Installing and conducting limited sampling of groundwater monitoring wells;
- Installing erosion control along the riverbank;
- Monitoring air for particulates and Volatile Organic Compounds (VOCs); and
- Landscaping and repairing pavement and walkways disturbed by the cleanup.

Neighbors should expect:

- Work will occur from 7:30 am to 5 pm, mainly Monday through Friday with some Saturday work possible;
- Three of the four parking lots south of Brook Village will be unavailable to residents during the cleanup work;
- Car service to transport residents to and from their cars (details below);
- Brook Village handicap parking spaces will remain available;
- Increased traffic and heavy equipment; and
- Additional updates on the cleanup effort.

Car Shuttle Service

Parking spots D 1-8, E 1-8, F 1-8, G 1-8 and eight visitor spots will be unavailable to residents during the cleanup work (see photo). Parking for these displaced cars will be available in the north Centredale Manor lot. Centredale Manor's south parking lot should be used for visitors and any overflow parking. To bring residents to and from their cars, a car service will be available daily from 8 am to 8 pm except for the following break times: 11:00 – 11:15 am; 1:00 – 1:30 pm; and 3:00 pm – 3:15 pm. During its hours of operation, the shuttle car will station itself along the Brook Village north parking lot at the end of the fire lane. Residents leaving the building can simply go to this area to receive a ride to their car. People returning home can alert the driver as they drive in and the car service will follow them to a parking spot and then bring them back to the building. Should residents not see the car along the north parking lot, just wait a few minutes as the shuttle will return after assisting another resident.

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The Centredale Manor Restoration Project Superfund site extends down the Woonasquatucket River from the Brook Village and Centredale Manor properties, the approximately 9-acre source of contamination, south to at least the Lyman Mill Dam. The Woonasquatucket River has wide-spread dioxin contamination resulting from the former operations of a chemical company and a drum refurbisher on its shores. First identified in fish in 1996, EPA has since documented elevated levels of contaminants including dioxin, PCBs, Volatile Organic Compounds (VOCs), semi-VOCs, and metals in soil, sediment, and wetlands at the site. People or wildlife which comes into contact with these media could be at potential risk.

Since listing the site in 2000 in the Superfund Program, EPA and the Potentially Responsible Parties have taken several actions to control current exposure of residents to contaminants. These actions included capping of contaminated soil in the source area (comprised of the Brook Village and Centredale Manor properties), installation of a fence to control access, removal of contaminated soil from residential properties along the River, and reconstruction of the breached Allendale Dam.

Next Steps

EPA is currently developing different potential long-term clean-up approaches for the entire site and will present them, with its preferred alternative, to the public for comment in winter 2010. The overall cleanup plan will address contaminated sediment, flood-plain soil, source-area soil, and groundwater.

More Information can be found at the site repositories housed at the North Providence Union Free Library at 1810 Mineral Springs Ave, North Providence or at the Marion J. Mohr Memorial Library located at 1 Memorial Ave., Johnston or online at:

www.epa.gov/region1/superfund/sites/centredale

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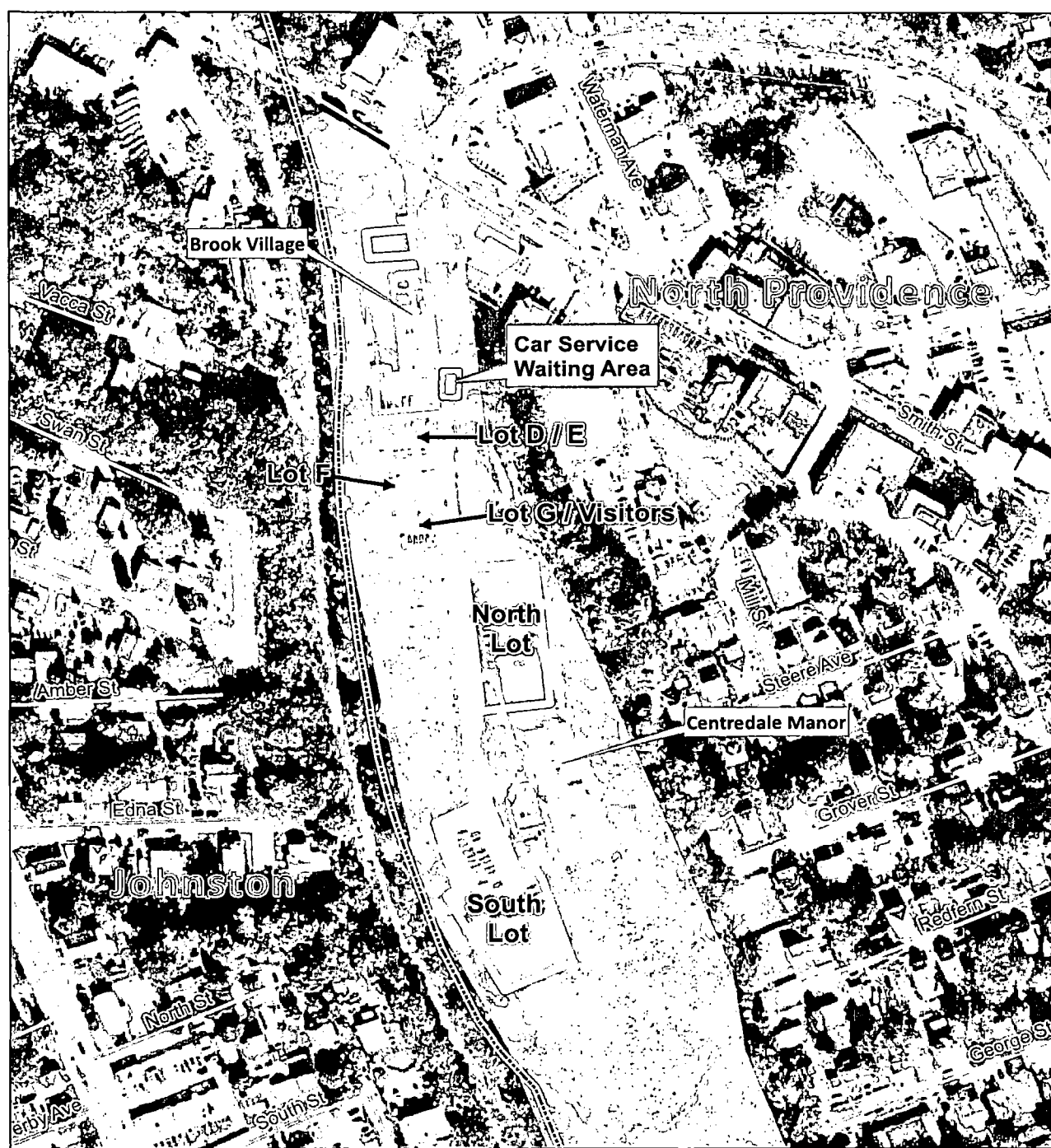
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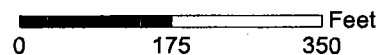
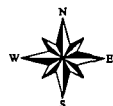
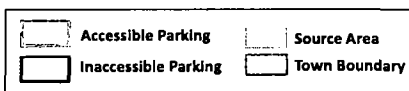
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Centredale Manor Restoration Project - North Providence, RI

Summer 2009 Removal Action



Map Produced by the EPA New England GIS Center - July 23, 2009 Task ID: 6204 - Data Sources: Roads & Towns; TANA