

**Work Plan Summary**  
**Submitted by South Central Regional Water Authority**  
**to the CT Department of Environmental Protection**  
**April 2004**

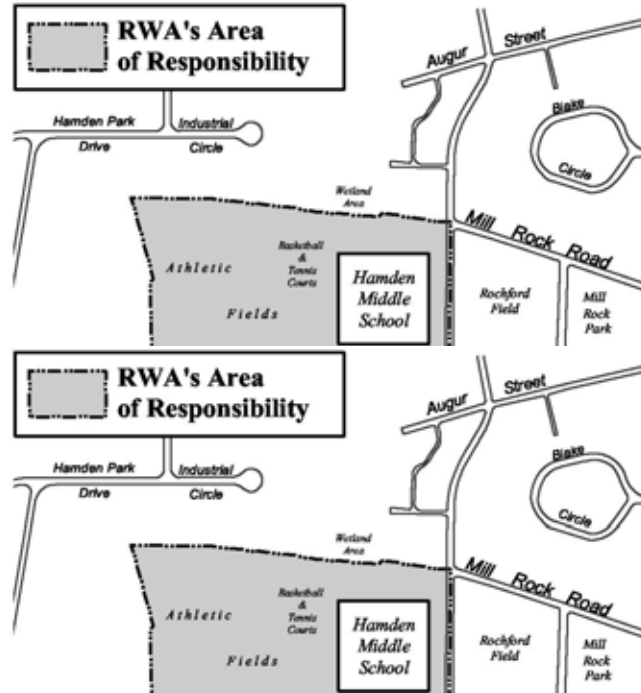
The South Central Connecticut Regional Water Authority (RWA) has submitted a Work Plan to test soil and groundwater at the "Middle School Site." This site includes Hamden Middle School, the athletic fields, a part of the Newhall Community Center, and two residential properties (251-253 Morse Street and 253-255 Morse Street). The proposed Work Plan will:

1. **Define the edge and content of former landfill:** RWA will take more soil borings along the northern wetland area to the north of the school, the two residential properties to the south, just north of the Community Center, and underneath the tennis and basketball courts. More soil borings will be made to make sure the edge of the fill has been identified within these areas. Some of these borings will be sent to a lab for testing.
2. **Search for metal objects (drums and tanks) underground:** Scanning for objects, using X-ray type equipment, will be done at the Middle School Site, except for underneath the buildings. Test pits may also be used to dig down into the ground to uncover objects and/or for more testing.
3. **Locate the exact boundaries of the soil cap placed on the athletic field:** More testing of the soil at the surface will be done to find the exact location of the cap. It is not known if the soil cap extended north beyond the athletic field.
4. **Test surface water quality:** DEP is concerned about surface water quality of the wetland immediately north of the Middle School Site. RWA will collect water samples to find out if contamination is in this surface water area. This wetland area is the only surface water area within the Newhall neighborhood.
5. **Identify groundwater flow direction:** More groundwater monitoring wells will be installed to better understand the flow of groundwater at the site.
6. **Look for where ETPH in groundwater is coming from:** ETPH will be tested in soil boring samples and monitoring wells throughout the site. More soil borings and monitoring wells would be installed if the source of the ground water contamination is not found.
7. **Find the location of halogenated VOCs in soil and groundwater:** Soil testing will be done in the area immediately to the west of the tennis and basketball courts for halogenated VOCs. The testing will identify the source of the halogenated VOCs and its location within the groundwater. Ground water testing will be completed onsite and offsite.
8. **Find the location of PCBs and any groundwater pollution:** Testing for PCBs will be done within the central and southern half of the site. If significant amounts of PCBs are identified, then monitoring wells will be installed for on going testing of the groundwater for PCBs.

## How Long Will the Testing Take?

Once RWA gets approval from DEP to carry out this additional work, they could start testing in the early summer of 2004. Within about six months, a report would be given to the DEP showing the results of the soil and water testing. Groundwater testing will not be completed until the end of 2005.

Below is a map of the area where testing will be done. A complete copy of Work Plan can be found at the Miller and Whitneyville Libraries in Hamden and at [www.newhallinfo.org](http://www.newhallinfo.org).



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