

New York State Department of Environmental Conservation

Division of Operations

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Joe Martens
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Five Rivers Education Center Guided School Program Building Construction Progress Report

Introduction: NYSDEC Region 4 Operations is currently constructing a new Guided School Program Building located at 56 Game Farm, Delmar NY 12054. This project is phase I of the construction of a much larger building in phase 2, which is the new Education Center. Funds in the amount of \$500,000 have been donated to NYSDEC for the purchase of supplies and materials, with said funds being administered by the National Heritage Trust.

Construction Status: The Department started construction of this project on May 2, 2011. During the excavation for the footers the Department encountered 2 buried tanks (shown below), a burn pit and timber cribbing (shown below). This material had to be removed to provide adequate support for the building.



The architect's plan called for the excavation of the perimeter of the building to install the footers and foundation walls. However based on the soil conditions, the decision was made to excavate the entire building foot print. In addition, the architects plan called for the installation of the footers on undisturbed soil, based on the soil conditions and the recommendation of the soils engineer, the decision was made to over excavate the building foot print and install 6" of stone underneath the footers to provide adequate support for the footings.





The concrete foundation walls have been formed and poured.



All of the under slab duct work, geothermal well piping, data/communications conduit, electrical conduit, wastewater and water lines have been installed.



In addition, the 6" water supply has been installed.



Anticipated Schedule: The floor slab will be poured on Wednesday, September 14. The concrete forms will be removed beginning September 19, 2011. Once the forms are removed the installation of the structural insulated panels will begin. It is anticipated that it will take 4 weeks to install the wall panels and an additional 2 weeks to install the glued laminated beam roof support and roof panels.