



## New York State Office of Parks, Recreation and Historic Preservation

Long Island Regional Office  
625 Belmont Avenue  
West Babylon, NY 11704



# Periodic Status Report

Project Name:	Nissequogue River State Park, Kings Park Property Fast Track Building Demolition Contract Contract No. NR 2009-2; D004087
Report Period:	October 1, 2012 through October 26, 2012

## Project Status Summary

### Key Construction Milestones Completed This Reporting Period

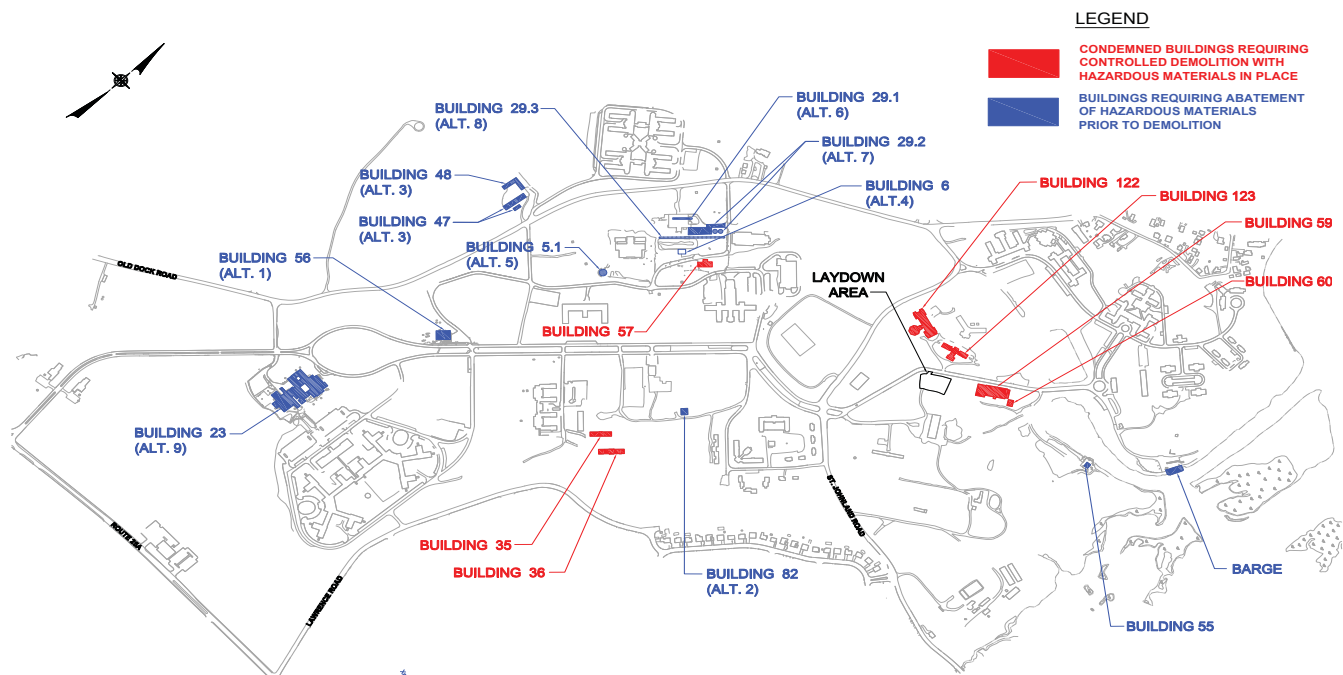
- Remedial Contractor continues efforts in support of preliminary construction matters, including, but not limited to: installation temporary fencing; installation of soil erosion and sediment controls; site clearing and grubbing activities at various sites throughout the project area.
- Asbestos abatement activities associated with the steam tunnel network at Building 122 (Inpatient 51 & 52) and Building 123 (Kitchen and Dining Room) in progress and tentatively scheduled to be completed by mid November 2012.
- Asbestos abatement activities completed at Building 23 (Buckman Day Treatment).
- PCB-containing caulk abatement activities completed at Building 6 (Power House Remains).
- PCB-containing caulk abatement activities completed at Building 122 (Inpatient 51 & 52).
- Universal waste removal at Building 23 (Buckman Day Treatment) completed.
- Universal waste removal at Building 55 (Club House) completed.
- Universal waste removal at Building 122 (Inpatient 51 & 52) and Building 123 (Kitchen and Dining Room) completed.
- Controlled demolition of Building 122 (Inpatient 51 & 52) and Building 123 (Kitchen and Dining Room) in progress and is anticipated to continue throughout November 2012.
- Demolition of Building 29.2 (Power Plant Aboveground Storage Tanks, Truck Unload Area, Pump House, Pipe Trestle and Fuel Island) in progress and is anticipated to continue throughout November 2012.
- Demolition of Building 47 (Dairy Barn) & 48 (Maintenance & Grounds) in progress and is anticipated to continue throughout November 2012.
- Site restoration work at Building 56 (Community Store) completed.

## Periodic Status Report

- Site restoration work at Building 6 (Power House Remains) completed.
- Site restoration work at Building 82 (Morgue), including steam tunnel network, in progress and is tentatively scheduled to continue throughout November 2012.
- Site restoration work associated with the steam tunnel abatement/demolition work at Building 82 (Morgue) completed.

### Key Construction Milestones to be Completed for the next Reporting Period

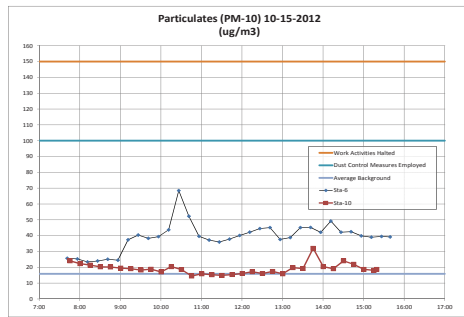
- Remedial Contractor to continue efforts in support of preliminary construction matters, including, but not limited to: installation temporary fencing; installation of soil erosion and sediment controls; site clearing and grubbing activities at various sites throughout the project area.
- PCB-containing caulk abatement activities at Building 23 (Buckman Day Treatment) tentatively scheduled to commence in November 2012.
- Controlled demolition of Building 122 (Inpatient 51 & 52) and Building 123 (Kitchen and Dining Room) is anticipated to continue throughout November 2012.
- Demolition of Building 47 (Dairy Barn) & 48 (Maintenance & Grounds) is anticipated to continue throughout November 2012.



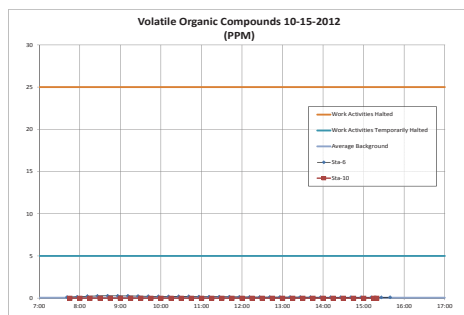
# Periodic Status Report

## Community Air Monitoring Program Summary

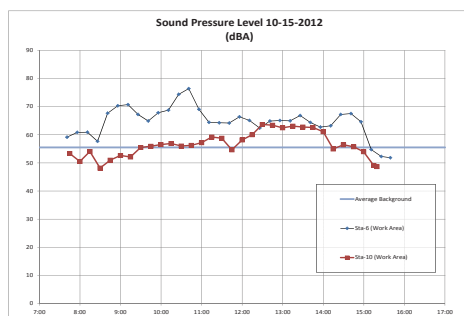
The Community Air Monitoring Program (CAMP) is intended to prevent any adverse health effects in the communities surrounding the site and monitors air quality at work sites during demolition activities. As part of CAMP, air monitoring stations are established upwind and downwind of each respective construction area for the purpose of monitoring air quality (i.e., particulate levels; volatile organic compound levels; and sound levels) resulting from abatement and demolition activities. Results of monitoring activities conducted were found to be below respective regulatory thresholds throughout the reporting period. The following is intended to provide a brief overview of the monitoring results:



**Particulate Level Measurements:** Real-time monitoring of particulate levels (based on 15-minute time weighted averages) downwind of each respective work area did not exceed 100 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) above background (upwind perimeter) levels throughout the reporting period.



**Volatile Organic Compound (VOC) Level Measurements:** Real-time monitoring of VOC levels (based on 15-minute time weighted averages) downwind of each respective work area did not exceed 5 parts per million (ppm) above background (upwind perimeter) levels throughout the reporting period.



**Sound Level Measurements:** The maximum permissible “property line” sound pressure levels, as established by the Town of Smithtown, are as follows: Adjacent Residential (7 a.m. to 10 p.m.) - 55 dBA; Adjacent Residential (10 p.m. to 7 a.m.) - 45 dBA; Adjacent Commercial (all times) - 65 dBA; and Adjacent Industrial (10 p.m. to 7 a.m.) - 70 dBA. Real-time monitoring of sound levels at the perimeter of each respective work area ranged between 35 dBA to 87 dBA throughout the reporting period. Although sound levels at times throughout the period were found to exceed Town of Smithtown maximum permissible sound pressure levels within respective work areas, it should be noted that these work areas are located within the central portions of the Site and are +/- 1,000 feet from the nearest property line. As a result, the corresponding property line sound levels were estimated to be below respective property-line thresholds throughout the reporting period.

\*Graphs identify air quality conditions observed during controlled demolition activities completed at Building 122/123 on October 15, 2012.

## Progress Photos

Building 29.3 (Power Plant Railroad Piers) – Demolition Activities



Building 56 (Community Store) – Site Restoration Activities



Building 82 (Morgue) – Site Restoration Activities



Building 122 (Inpatient 51 & 52) and Building 123 (Kitchen and Dining Room) – Controlled Demolition Activities



## Progress Photos (continued)

Building 6 (Power House Remains) - Site Restoration Activities



Building 29.2 (Power Plant Aboveground Storage Tanks, Truck Unload Area, Pump House, Pipe Trestle and Fuel Island) – Demolition Activities



Building 47 (Dairy Barn) & 48 (Maintenance & Grounds) – Demolition Activities

