



Dear Interested Citizen:

This fact sheet provides you with information on the draft Onondaga Lake Operations Community Health and Safety Plan for the Onondaga Lake Bottom Site, a subsite of the Onondaga Lake Superfund Site. If you have any questions, comments or would like more information about this project, please contact:

**Mr. Timothy Larson P.E.**  
**Project Manager**

NYSDEC, 625 Broadway, 12<sup>th</sup> Floor  
Albany, New York 12233-7016  
**(518) 402-9676**  
[tjlarson@gw.dec.state.ny.us](mailto:tjlarson@gw.dec.state.ny.us)

With respect to citizen participation inquiries, please contact:

**Ms. Diane Carlton or**  
**Ms. Stephanie Harrington**  
**Citizen Participation Specialists**  
NYSDEC, 615 Erie Boulevard West  
Syracuse, New York 13204-2400  
**(315) 426-7403**  
[reg7info@gw.dec.state.ny.us](mailto:reg7info@gw.dec.state.ny.us)

For project-related health questions, contact the New York State Department of Health (NYSDOH):

**Mr. Mark Sergott**  
**Project Manager**  
NYSDOH, 547 River Street  
Troy, New York 12180-2216  
**(518) 402-7860 or**  
**(800) 458-1158 (option 6)**  
[beej@health.state.ny.us](mailto:beej@health.state.ny.us)

## New York State Department of Environmental Conservation **FACT SHEET**

### **DRAFT ONONDAGA LAKE OPERATIONS COMMUNITY HEALTH AND SAFETY PLAN AVAILABLE FOR REVIEW**

**Onondaga Lake Bottom Site (#7-34-030)  
Onondaga County - March 2012**

#### **Introduction**

The Draft Onondaga Lake Operations Community Health and Safety Plan describes the protective measures that will be taken to protect the community and the environment during the cleanup (dredging and capping) of the Onondaga Lake Bottom Site. The document has been submitted by Honeywell and reviewed by the New York State Department of Environmental Conservation (NYSDEC), New York State Department of Health (NYSDOH), and United States Environmental Protection Agency (EPA). The draft document is now available for public review online at [www.dec.ny.gov/chemical/37558.html](http://www.dec.ny.gov/chemical/37558.html) and at the locations listed on page five.

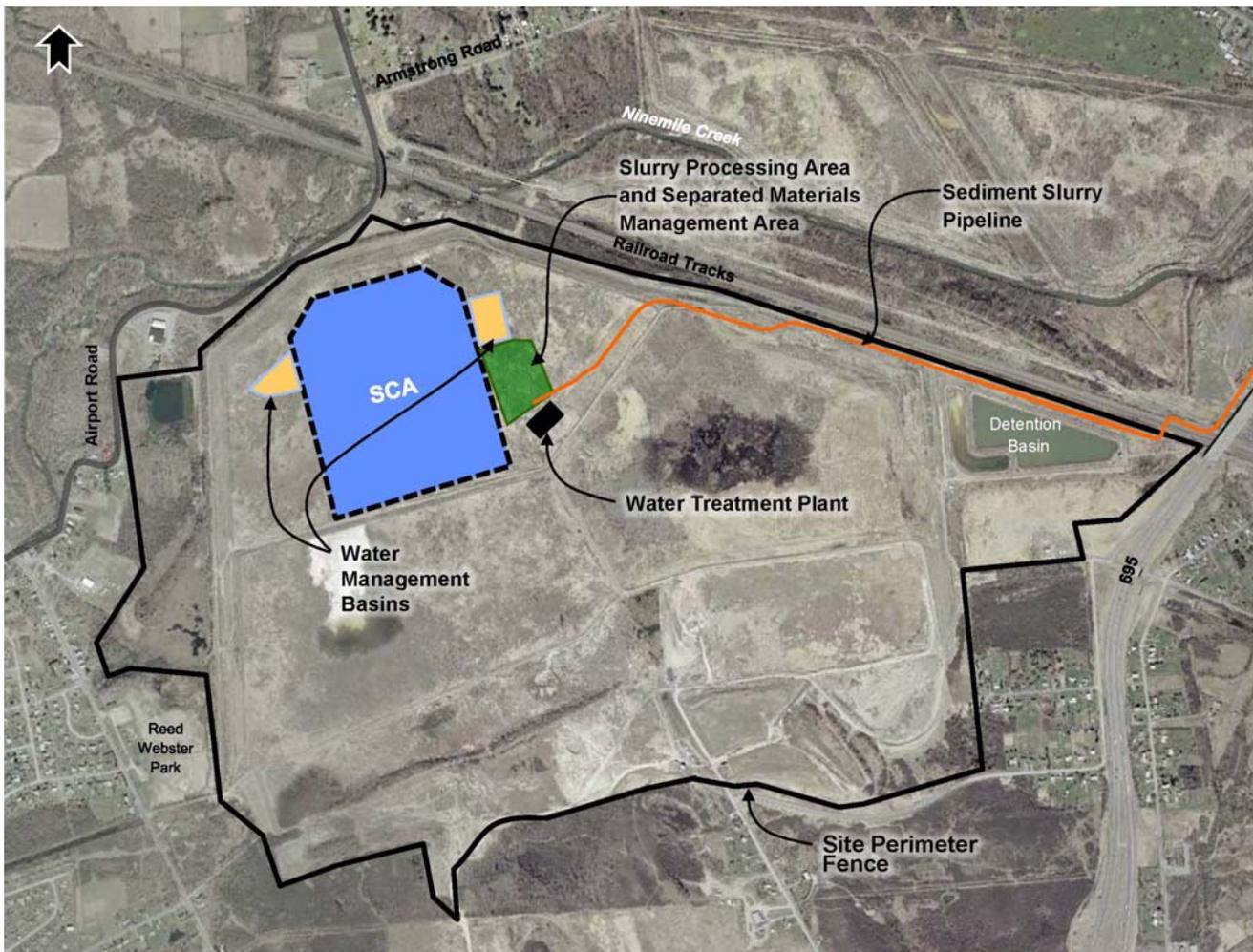
#### **Operations Activities Addressed in the Plan**

The work addressed in the Draft Operations Community Health and Safety Plan (CHASP) includes dredging the lake bottom; installing a sediment cap; habitat restoration; transport and secure containment of dredged materials; and treatment of water generated by the project.

**In-Lake Operations** – These activities will include: the removal of debris from the sediments in areas that will be cleaned-up (dredged/capped) to the extent the debris will adversely impact dredging/capping operations; dredging of sediments within the lake; installation of a cap within the lake; and habitat restoration in remediated areas.

**Lakeshore Support Area** – Operations in this area will include: the management of capping and dredging activities from the lakeshore office complex; lakeshore dock area for loading of debris removed from the lake for transportation to, and processing at, the Sediment Consolidation Area (SCA); and storage and processing of capping material prior to placement in the lake.

**Sediment Slurry Pipeline** – The double-walled sediment slurry pipeline (approximately 4 miles in length) will convey the sediment slurry from the lakeshore to the Sediment Processing Area (SPA) located at the SCA. Four booster pumps are located along the pipeline to convey the sediment slurry through the pipeline.



**Sediment Consolidation Area (SCA)** – Activities that will be taking place in this area during the cleanup include:

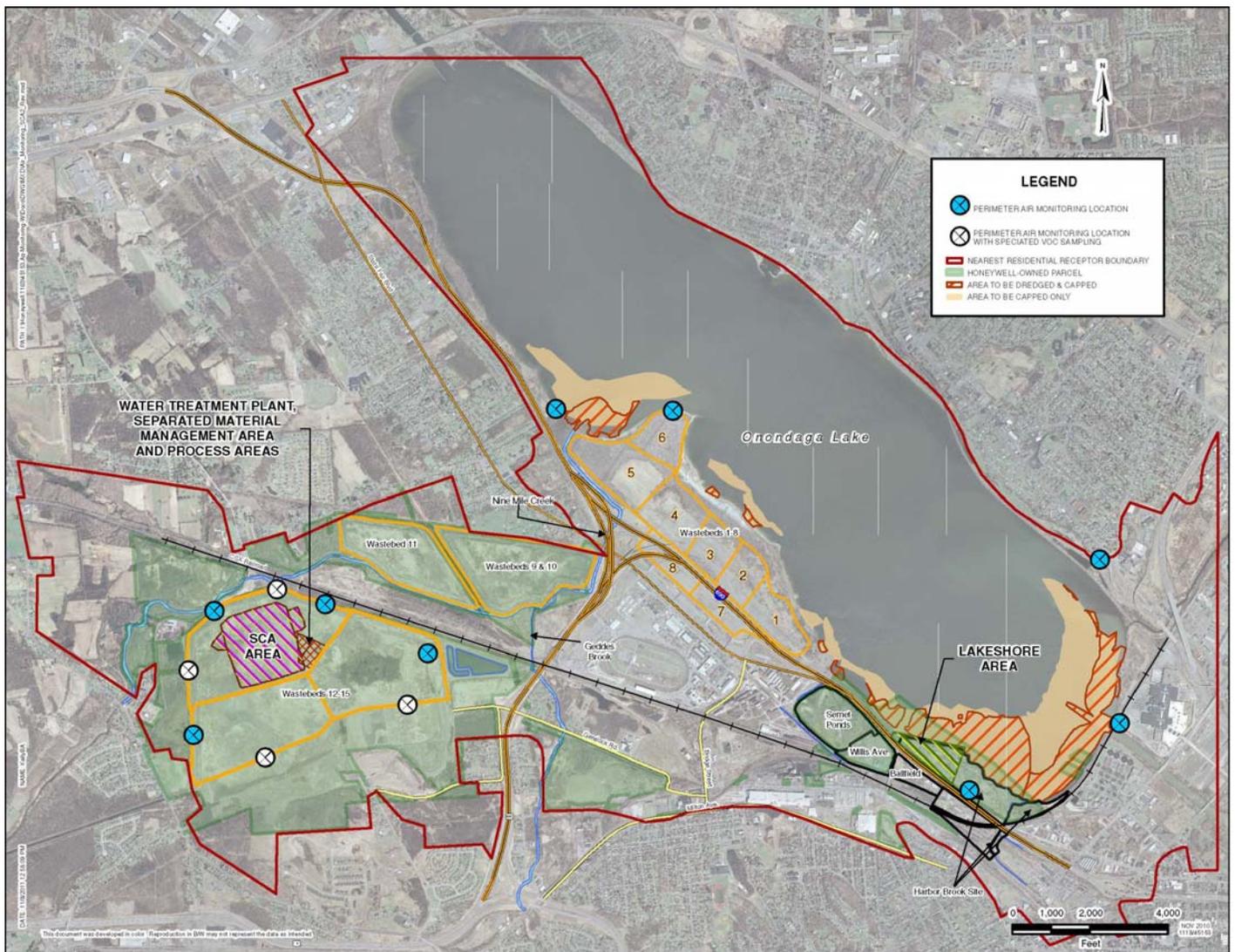
- *Operation of the Sediment Processing Area (SPA).* This is the location at the end of the sediment slurry pipeline that will: remove debris from the slurry; add polymer to the sediment slurry to assist in dewatering of the sediment and increase the solids content of the slurry that goes to the geotextile tubes by removing excess water and diverting that water to the SCA Water Treatment Plant (WTP) prior to the sediment slurry going to the geotextile tubes; and complete dewatering by pumping the slurry into the geotextile tubes.
- *Operation of the SCA.* Tasks associated with this operation include: placement and filling of geotextile tubes with sediment slurry; collecting water draining from the geotextile tubes and pumping it to the SCA WTP; pumping water from SCA water management basins to the SCA WTP; and placement of debris in the Debris Management Area located in the southwest corner of SCA.
- *Operation of the SCA WTP.* Water conveyed to the WTP from the SPA and the SCA will be treated to remove contamination (other than ammonia) to acceptable levels. After treatment the water will be conveyed to the Metropolitan Wastewater Treatment Plant (Metro) for ammonia treatment prior to the water being discharged to Onondaga Lake.

## Components of the Operations Community Health and Safety Plan

The Draft CHASP document details methods to ensure protection of community health and safety throughout completion of the lake cleanup project. Protective components were incorporated directly into the project design and are detailed in the CHASP document. A summary of additional safety measures follows.

**Site Security** – Public access to the various cleanup operation sites will be restricted for the safety of both the public and site workers. Fencing exists around most areas to enhance security. A security firm will be present at the SCA site to monitor the area. Site workers will also provide security surveillance.

**Air Quality Protection and Monitoring** – Air quality monitoring will continue to be conducted at the SCA and will also be expanded to include the work perimeter of the lake shoreline. Measurements will be taken for volatile organic compounds (VOCs), dust, mercury, sulfides, and odors on the work perimeter. Both short-term and long-term monitoring criteria will be used to ensure that air quality is maintained. Any measured values of contaminants will be compared to the action levels identified in the plan. In the event of exceedances, corrective measures will be taken. Monitoring results are available at [www.lakecleanup.com/health-and-safety/air-monitoring](http://www.lakecleanup.com/health-and-safety/air-monitoring).



## Components of the Operations Community Health and Safety Plan (Continued)

**Traffic Management** – Traffic to and from the project sites will continue for the duration of the Onondaga Lake remediation project. Traffic routes that have been established as part of previous construction projects at the SCA and in the lakeshore area will continue to be used. A previously established driver safety program serves to communicate project requirements to truck drivers and monitor compliance with project traffic rules.

**Project Noise** – NYSDEC’s guidance values for ambient noise levels have been adopted for the project. If action levels are exceeded, increased monitoring will identify and confirm if the cause of the noise is project-related. Assuming the noise exceedance is project-related, changes will be made (to existing equipment or operations) to reduce the noise to within acceptable limits and follow-up monitoring will be conducted to ensure compliance.



**Navigation Protection** – Measures will be implemented to minimize potential risks to recreational boaters during on-water remediation activities. Navigation protection measures include vessel coordination, lights, marker buoys, and use of a silt curtain designed to contain suspended solids during dredging. Procedures will also be in place for issuing project-related Notice to Mariners and complying with appropriate federal and state navigation laws.

**Operational Hazards Analysis and Response Actions** – A review of all the planned cleanup activities was conducted to identify potential risks to the public (for example, collision between public and project boats, or spillage of lake capping material on public roadway). For each of the potential hazards identified, an evaluation resulted in design enhancement to further reduce risk, where possible. The final step to this evaluation was to pre-plan response actions should a hazard occur despite preventive measures. The full results of the operations hazard analysis are provided as Appendix A in the Draft Operations Community Health and Safety Plan.

**Spill Response Planning** – Prevention, response and reporting measures have been outlined for a fluid or sediment spill. Any spill or release resulting from project activities (whether on the lake, the shoreline support area, along the slurry line, or at the SCA) will be reported in accordance with federal and state requirements.

**Emergency Response Planning** – Emergency response protocols have been developed to minimize potential risks to site personnel, the public, and the environment during emergencies that may arise when implementing the remediation. It includes procedures for coordination with local emergency response organizations, required notifications, available emergency equipment, and development of a program Emergency Response Team, a specialized team that is trained in advanced first aid, spill response, and water rescue, and is certified in confined space rescue.

**Community Education and Notification** – Project updates on the cleanup of Onondaga Lake will continue to be disseminated via websites, mailing lists and electronic listservs during capping and dredging activities. Notices to mariners will be provided to Onondaga Lake Park, nearby marinas, Onondaga Yacht Club, and Lock 24 on the Seneca River. A hotline has been established to enable the public to ask questions or register complaints (315.313.8068).

### **Stay Informed!**

DEC's Onondaga Lake News Listserv  
[www.dec.ny.gov/chemical/52545.html](http://www.dec.ny.gov/chemical/52545.html)

Honeywell  
[www.lakecleanup.com](http://www.lakecleanup.com)

Community Participation Working Group  
[www.onondagalake.info](http://www.onondagalake.info)



**Capping Demonstration Project in Onondaga Lake, Fall 2011**

### Public Participation

Public input is encouraged. Comments and questions specific to the draft Onondaga Lake Operations Community Health and Safety Plan should be submitted to the project manager listed on page one no later than April 30, 2012 so they can be considered, as appropriate, in the finalization of the document.

### Project Contact List

NYSDEC is transitioning to electronic distribution of remediation project information. To begin receiving Onondaga Lake cleanup information electronically, please sign up for the *Onondaga Lake News* email list by visiting the NYSDEC website, [www.dec.ny.gov/chemical/52545.html](http://www.dec.ny.gov/chemical/52545.html).

### Location of Reports and Information

Project documents are available for review on the NYSDEC website at [www.dec.ny.gov/chemical/37558.html](http://www.dec.ny.gov/chemical/37558.html) and at the following locations.

Location	Address	Phone
Atlantic States Legal Foundation*	658 West Onondaga Street, Syracuse, NY 13204	(315) 475-1170
Camillus Town Hall	4600 West Genesee Street, Room 100, Syracuse, NY 13219	(315) 488-1234
Moon Library	SUNY ESF, 1 Forestry Drive, Syracuse, NY 13210	(315) 470-6712
NYSDEC Central Office*	625 Broadway, Albany, NY 12233	(518) 402-9676
NYSDEC Region 7*	615 Erie Boulevard West, Syracuse, NY 13204	(315) 426-7400
Onondaga County Central Public Library	The Galleries, 447 South Salina Street, Syracuse, NY 13202	(315) 435-1800
Solvay Public Library	615 Woods Road, Solvay, NY 13209	(315) 468-2441
* Please call for an appointment		