Dear Interested Citizen:

This fact sheet provides you with information on the ongoing design and construction activities taking place in preparation for dredging associated with the Onondaga Lake Bottom Site remediation. The Onondaga Lake Bottom Site is 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, 12th Floor
Albany, New York 12233-7013
(518) 402-9676
Email: 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
Email: 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)
E-mail: beei@health.state.ny.us

New York State Department of Environmental Conservation
FACT SHEET

UPDATE ON ONGOING DESIGN AND CONSTRUCTION ACTIVITIES IN PREPARATION FOR THE START OF DREDGING IN 2012

Onondaga Lake Bottom Site (#7-34-030)
Onondaga County – October 2011

Update on Design Activities

The dredging of Onondaga Lake sediments is scheduled to begin in 2012. Prior to the start of dredging, the project design must be completed. An update on remedial design documents follows.

Sediment Management Design:
The Sediment Management Design was generated by Honeywell and approved by NYSDEC. It includes the following components:

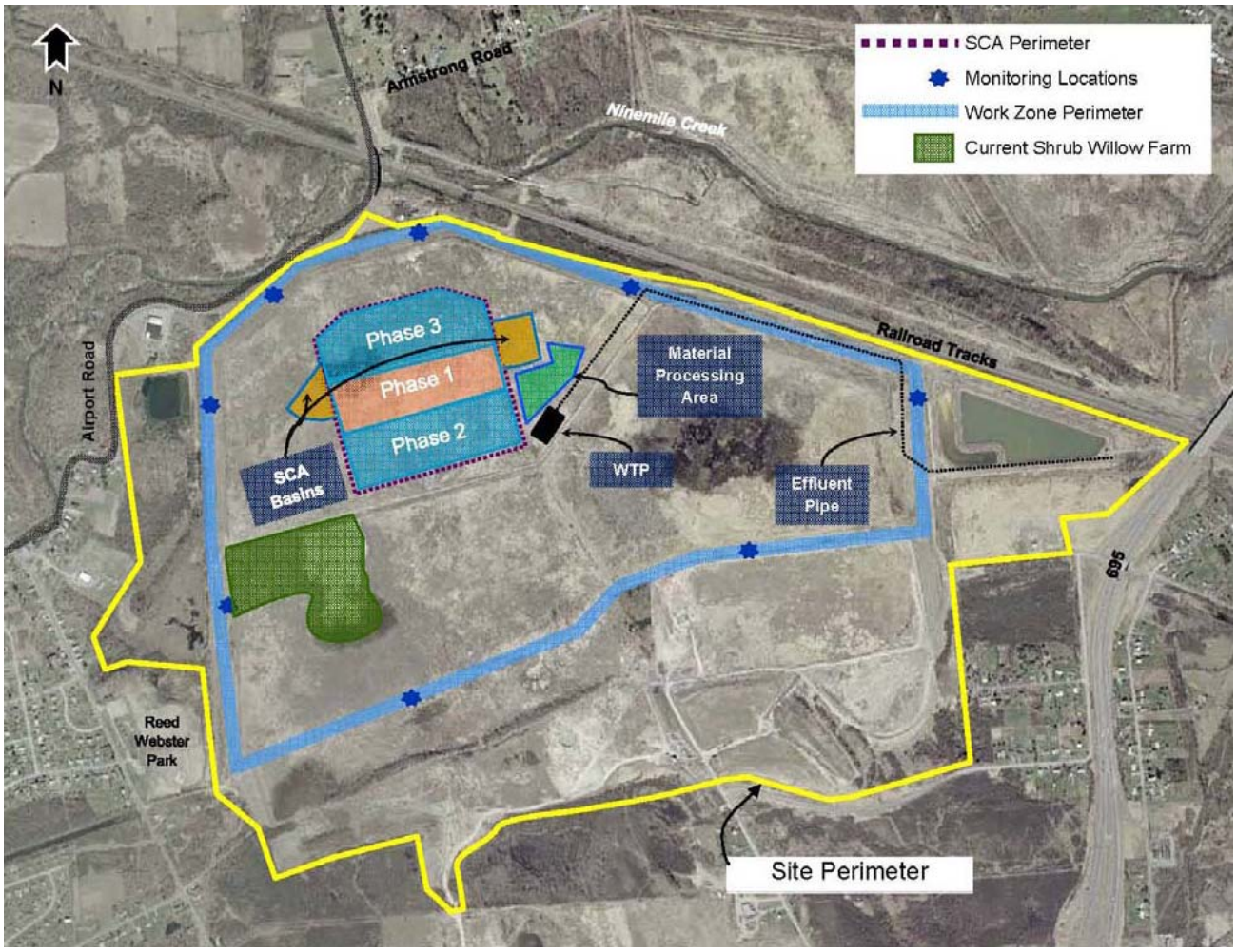
- *Sediment Slurry Pipeline and Associated Booster Pumps* – The sediment slurry pipeline will transport dredged sediments from Onondaga Lake up to the Sediment Consolidation Area (SCA) located on Wastebed 13. The pipeline will be approximately four miles in length. Four booster pumps will be used to pump the dredged sediment through the pipeline and up to the SCA.
- *Slurry Process Area* – The slurry process area will be located adjacent to the SCA and will screen debris from the sediment slurry before the slurry is pumped into geotextile tubes for dewatering of the sediment. In addition, polymer will be added to the sediment slurry at this location in order to assist in the dewatering of the sediment slurry.
- *SCA Basins* – Two basins adjacent to the SCA will assist with temporary water storage during significant rain events.
- *Debris Management* – This addresses the management of in-lake debris encountered during the sediment dredging operation.
- *Geotextile Tube Operation* – Following the addition of polymer, the sediment slurry will be pumped into geotextile tubes for dewatering of the sediments.

SCA Civil and Geotechnical Design: The SCA Civil and Geotechnical Final Design was previously approved by NYSDEC and is guiding construction activities currently taking place at the Sediment Consolidation Area.

Capping, Dredging, Habitat, and SMU-8 Design: The Capping, Dredging, Habitat, and SMU-8 Design is in progress and will be finalized in early 2012. This design includes dredging, capping of the lake bottom, in-lake habitat work, and other elements of remediation that will take place within the lake itself.

Update on Construction Activities

SCA Construction: Phase 1 of the SCA is substantially complete. This includes the placement of a clay base, the impermeable liner, and gravel on top of the liner. Geotextile tubes will be placed on top of the gravel and used to dewater the sediment slurry. Phase 1 will begin to receive dredged sediments from Onondaga Lake in 2012. Phase 2 construction is underway and is anticipated to be completed in 2012. Phase 3 will only be developed if needed.



Slurry Process Area: Construction of the Slurry Process Area, adjacent to the SCA, has begun. This is where debris will be processed prior to being disposed of in the SCA or offsite.

SCA Basins: These two basins are being constructed adjacent to the SCA to assist with temporary water storage during significant rain events.

SCA Water Treatment Plant: Construction of the SCA Water Treatment Plant is ongoing. The building is largely complete and water treatment equipment has started to be delivered to the site.

Installation of liner and drainage gravel

SCA Water Treatment Plant

Construction Site Management: Field offices are located onsite at the SCA and house Honeywell's construction management team who are responsible for the day-to-day oversight of construction activities at this location. This includes a command center for the air monitoring program, as well as a field office for DEC. On a typical workday, approximately 100 workers are involved with site-related construction activities including laborers, operators, trades people, engineers and managers.

Sediment Slurry Pipeline: Construction continues on the double-walled pipe and associated booster pump stations that will transport the sediment slurry (sediment dredged from the lake mixed with lake water). The pipe will transport the sediment slurry from the lake shore to the SCA. Some of this construction is visible as one travels along I-690 and I-695.

Capping Field Demonstration Project

An in-lake demonstration project will take place beginning on Monday, October 24th and last for approximately two weeks. The purpose of the in-lake work is to observe and fine-tune the technique of the placement of capping material (a sand and carbon mixture) through various water depths using full-scale equipment. No sediment dredging will occur as part of this demonstration project. The area where this demonstration project is taking place will be recapped as part of the actual full-scale capping effort. Information gathered during the capping field demonstration project will be incorporated into the capping design.

Community Health and Safety

Construction activities are being guided by the *Onondaga Lake 2011-2012 Construction Community Health and Safety Plan.* The Plan is available at the locations of reports and information listed below, and on DEC's website, www.dec.ny.gov/docs/regions_pdf/haspfinal.pdf. As discussed in the Plan, air monitoring results are publicly available on Honeywell's website, www.onondaga-lake-initiatives.com. A separate Health and Safety Plan for lake cleanup operations, which are scheduled to begin in 2012, will be developed and made available for public review this winter. The operations Health and Safety Plan will be finalized before any sediment dredging or operation of the SCA begins.

Project Contact List

If you would like to begin receiving information electronically on the Onondaga Lake cleanup, please sign up for the *Onondaga Lake News* email list by visiting the NYSDEC website, www.dec.ny.gov/chemical/52545.html. Once signed up, please also notify the NYSDEC at reg7info@gw.dec.state.ny.us to stop receiving printed copies in the mail.

Location of Reports and Information

Onondaga Lake design-related documents, including the Sediment Management Design, SCA Civil and Geotechnical Design, and the Work Plan Capping Field Demonstration Project, and other information on the Onondaga Lake cleanup are available on the NYSDEC website (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*		