



WATER TREATMENT PLANT & NEW EXTRACTION WELLS

Treatment plant start-up activities continue, as outlined in the Start-Up Plan (Appendix H of the Design Report/Implementation Plan [DR/IP]). Sampling data from the treated water at the plant is available on the EPA Dewey Loeffel webpage:

<http://www.epa.gov/region2/superfund/npl/dewey/>

The plant is currently operating at a flow rate of approximately 4.4 gallons per minute (7/15/15).

In May 2015, an increase in 1,4-dioxane concentrations in the treated water from the plant was attributed to the plant's carbon filtration system. To improve the carbon system's effectiveness, one of the carbon filter units in the plant was replaced on June 10. The replacement of the carbon treatment unit has addressed the short-term increase in concentrations of 1,4-dioxane in the treated water.

The April 2012 agreement with the Potentially Responsible Parties (GE and SI Group) for the construction and operation of the water treatment plant also required the installation of five new groundwater extraction wells along the western edge of the landfill. The new extraction wells will collect additional contaminated groundwater for treatment and are located closer to the landfill than the three existing extraction wells.

The new extraction wells were installed between March 2014 and November 2014. The next step outlined in the Start-Up Plan is to bring each of the new extraction wells online one at a time, with a flow of 0.5 gallons per minute for each new well. Due to severe winter weather, the planned connection of the new extraction wells to the treatment system this past spring was suspended. The first of the new extraction wells, EW-8, came online on July 6. Each of the remaining wells is scheduled to come online in four-week cycles. This schedule brings all five of the new extraction wells (EW-4 to EW-8) online by approximately November 2015.

GE and the SI Group are preparing a Construction Completion Report, which will include a final Operation, Maintenance, and Monitoring (OM&M) Plan for the treatment plant system.

REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS): SURFACE DRAINAGEWAYS

In November 2014, GE submitted responses to comments on the Phase 1 Remedial Investigation (RI) Workplan for the Drainageways, the associated Health and Safety Plan (HASP) and Quality Assurance Project Plan (QAPP). The responses were based on comments received from EPA which included input from the Town of Nassau and the community group UNCAGED. In March 2015, EPA provided a second round of comments to GE. EPA received draft final version of these documents in early June. An additional round of comments were provided to GE in late June and EPA expects to receive the final version of these documents by August.

It is anticipated that activities for the first phase of the RI for the drainageways will begin in fall 2015. Sampling activities will be suspended in the winter and will resume during the spring and summer of 2016. EPA will inform the public prior to the start of sampling activities, which will

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include the collection and analysis of samples from the surface drainageways, including the Valatie Kill, Nassau Lake and Valley Stream.

Following the completion of Phase 1 activities, GE will submit a Site Characterization Summary Report. The Site Characterization Summary Report will include a summary of existing data for the surface drainageways and an evaluation to determine what additional data needs to be collected as part of the RI/FS for the drainageways. Following EPA approval of the Site Characterization Summary Report, GE will submit a Work Plan for the completion of the RI/FS for the drainageways.

REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS): LANDFILL - GROUNDWATER (LF-GW)

GE and SI Group submitted a RI/FS Workplan for the Landfill-Groundwater to EPA in October 2014. EPA compiled comments, including comments from the Town of Nassau and the community group UNCAGED. Comments were provided to GE and SI Group in February 2015. Discussions with GE and SI Group on revisions to the RI/FS Workplan, Health and Safety Plan (HASP) and Quality Assurance Project Plan (QAPP) have been underway since March 2015. EPA expects to receive a revised version of the plans by August 2015, pending resolution of the comments.

It is anticipated that RI/FS activities for the Landfill-Groundwater will begin fall 2015.

RESIDENTIAL WELL SAMPLING PROGRAM

Residential wells with individual treatment systems are sampled on a quarterly basis. These residential wells were last sampled in February and May 2015 and will be sampled again in August and November 2015. Residential wells without treatment systems are sampled on an annual basis except for a subset of those wells which are sampled on a semi-annual basis. Annual sampling for residential wells without treatment systems is scheduled for October 2015. The semi-annual sampling for residential wells without treatment systems was conducted in May 2015 and will be sampled again in October. Upcoming sampling events are subject to change based on the resident's availability.

FISH SAMPLING

Annual fish sampling in the Valatie Kill and Nassau Lake was conducted by GE in late June and early July 2015, with oversight by EPA and the New York State Department of Environmental Conservation. Following receipt of the analytical results, GE will generate a fish sampling report to summarize the 2015 results. EPA expects to receive that report in the winter of 2016.

The report from the 2014 fish sampling event is available on EPA's Dewey Loeffel webpage: <http://www.epa.gov/region2/superfund/npl/dewey/docs.html>.

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