



FACT SHEET

State Superfund Program

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Crucible Lake Pump Site
Town of Geddes, Onondaga County, NY

September 2011

Interim Remedial Measure Proposed for the Crucible Lake Pump Site

The public is invited to comment on an Interim Remedial Measure (IRM) proposed by the New York State Department of Environmental Conservation (NYSDEC) to address contamination related to the Crucible Lake Pump Site ("site"). The site is located between Exit 7 off Route I-690 and Onondaga Lake, in the Town of Geddes, Onondaga County. See map for site location.

The Proposed Interim Remedial Measure

The remedy proposed for the site includes placing a one foot stone cover across the surface of the site, with the exception of the shoreline area. The goal of the IRM is to prevent human exposure to the waste material.

How to Comment

NYSDEC is accepting written comments about this IRM for 30 days, from September 23, 2011 through October 24, 2011.

Submit written comments to:

Mr. Tracy A. Smith

New York State Department of Environmental Conservation

625 Broadway, 12th Floor

Albany, New York 12233-7013

(518) 402-9676

E-mail: txsmith@gw.dec.state.ny.us

Summary of the Proposed IRM

The IRM is proposed to be conducted this Fall.

Impacts to the public associated with this project are expected to be minimal. The majority of the work will be performed within the limits of the site. A construction entrance off I-690 Exit 7 is expected to be used to bring in materials. The work is not expected to impact public utilities in the area.

State Superfund Program: New York's State Superfund Program (SSF) identifies and characterizes suspected inactive hazardous waste disposal sites. Sites that pose a significant threat to public health and the environment go through a process of investigation, evaluation, cleanup and monitoring.

NYSDEC generally attempts to identify parties responsible for site contamination and require cleanup before committing State funds.

For more information about the SSF, visit: www.dec.ny.gov/chemical/8439.html

Next Steps

NYSDEC will consider public comments that it receives regarding the IRM.

A Remedial Investigation (RI) and Feasibility Study (FS) will be performed in 2012 and a Proposed Remedial Action Plan (that evaluates various remedial alternatives and proposes an alternative for the site) will be issued for public comment. NYSDEC will consider public comments as part of the evaluation of remedial alternatives and before a remedy is selected. The selected remedy will be described in a document called a “Record of Decision” that will explain why the remedy was selected and respond to public comments. NYSDEC will keep the public informed throughout the investigation and cleanup of the site.

Background

The site is subject to a Consent Order that requires the responsible party to perform an RI/FS and to design and construct the selected remedy that is described in the Record of Decision.

The site is approximately 3.5 acres in size and is located between Interstate Route I-690 (Exit 7) and Onondaga Lake in the Town of Geddes, Onondaga County. The site is owned by the New York State Department of Transportation and has historically been used for parking and storage/staging for construction equipment for area highway construction projects.

Wastes were placed by Crucible at the site in the 1960s. Slag and ash are visible along the shoreline of the lake. Investigations performed on the site have primarily detected elevated levels of metals including iron, magnesium, chromium, nickel, and zinc.

Preliminary Site Assessment field work was performed in 2001 and Remedial Investigation field work was performed in 2011.

FOR MORE INFORMATION

Where to Find Information

Project documents are available at the following locations and on NYSDEC’s website (www.dec.ny.gov/chemical/37558.html) to help the public to stay informed. These documents include the IRM work plan for the Site.

Onondaga County Public Library
Syracuse Branch at the Galleries
447 South Salina Street
Syracuse, New York 13204
Phone: (315) 435-1800

NYSDEC
615 Erie Boulevard, West
Syracuse, New York 13204
Phone: (315) 426-7400
Hours: Mon - Fri, 8:30 a.m. - 4:45 p.m.
Please call for an appointment

Solvay Public Library
615 Woods Road
Solvay, NY 13209
Phone: (315) 468-2441

NYSDEC
625 Broadway, 12th Floor
Albany, NY 12233-7016
Phone: (518) 402-9676
Hours: Mon - Fri, 8:30 a.m. - 4:45 p.m.
Please call for an appointment

Atlantic States Legal Foundation
658 West Onondaga Street
Syracuse, New York 13204
Phone: (315) 475-1170

Who to Contact

Comments and questions are always welcome and should be directed as follows:

Project Related Questions

Mr. Tracy A. Smith
New York State Department of Environmental
Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7013
(518) 402-9676
E-mail: txsmith@gw.dec.state.ny.us

Project Related Health Questions

Mr. Mark Sergott
New York State Department of Health
547 River Street
Troy, New York 12180-2216
1-800-458-1158 (select option 6) or
(518) 402-7860
E-mail: beei@health.state.ny.us

We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in a prominent area of your building for others to see.

Receive Site Fact Sheets by Email

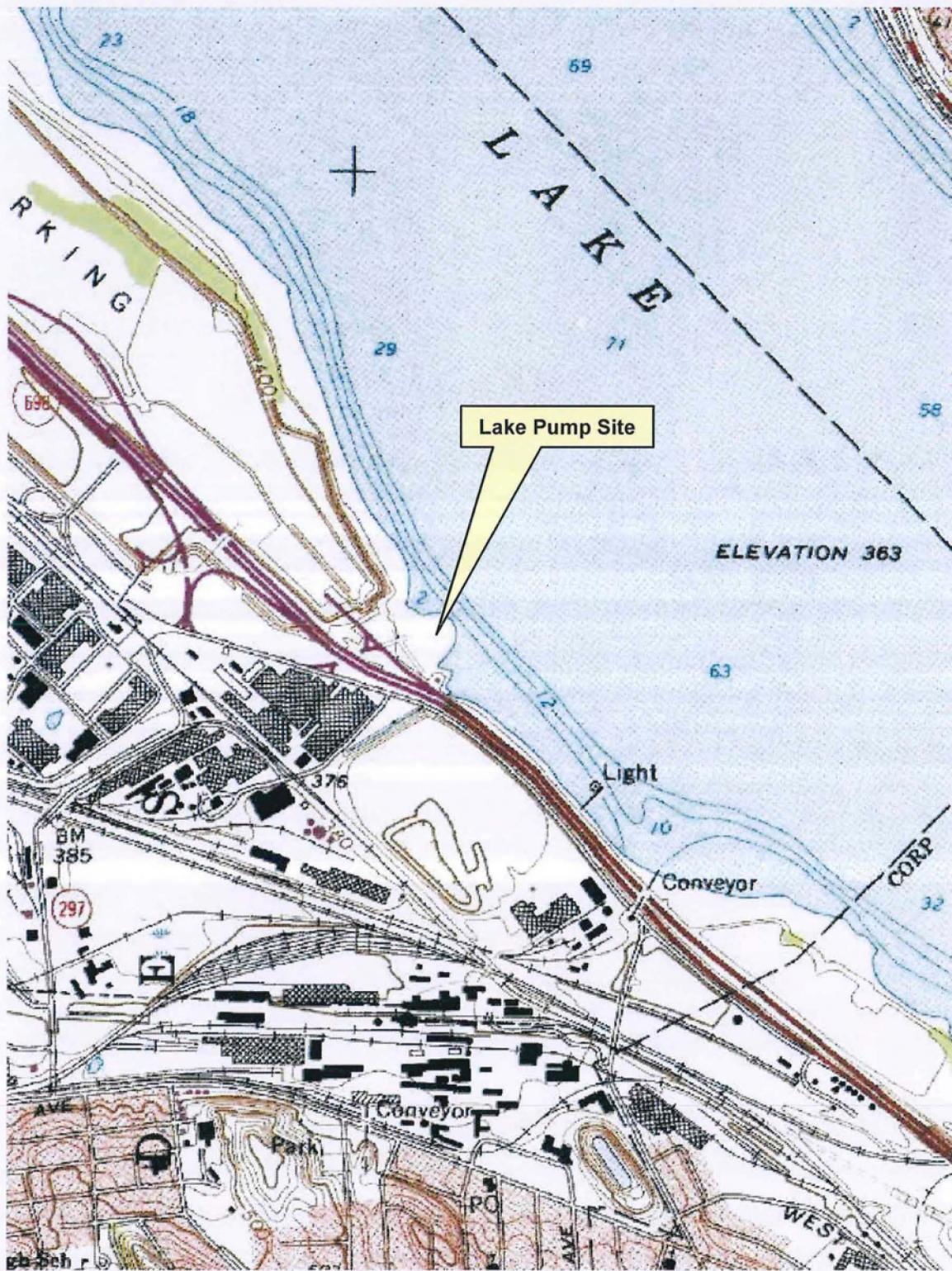
Have site information such as this fact sheet sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page: www.dec.ny.gov/chemical/61092.html . It's *quick*, it's *free*, and it will help keep you *better informed*.



As a listserv member, you will periodically receive site-related information/announcements for all contaminated sites in the county(ies) you select.

You may continue also to receive paper copies of site information for a time after you sign up with a county listserv, until the transition to electronic distribution is complete.

Note: Please disregard if you already have signed up and received this fact sheet electronically.



1 in ~ 1260 ft

Source: Syracuse, New York, USGS Topographic Map obtained from <http://msrmaps.com>

Scale: As Shown
Drawn by: PRL
Checked by: MNM
Date: 11-29-2010



<p>Site Vicinity Map Lake Pump Site Onondaga Lake Town of Geddes, New York</p>
S&ME Job No.: 1354-10-052A

Figure
1

September 20, 2011

NYSDEC – Division of Environmental Remediation
Remedial Bureau D, 12th Floor
625 Broadway
Albany, New York 12233-7013
submitted by email to: txsmith@gw.dec.state.ny.us

Attention: Mr. Tracy Smith, Project Manager

**Reference: Interim Remedial Measure Work Plan
Lake Pump Site**
Town of Geddes, Onondaga County, New York
Site Number 734078
S&ME Northeast, P.C. Project No.: 1354-10-052ANE

Dear Mr. Smith:

On behalf of Coltec Industries, Inc. (Coltec), S&ME Northeast, P.C. (S&ME Northeast) has prepared this Interim Remedial Measure (IRM) Work Plan. Also included is related information associated with the modification of the remedial investigation activities in the Remedial Investigation / Feasibility Study (RI/FS) Work Plan and planned IRM that involves placing a stone cover at the Lake Pump Site, (Site No. 734078) in Geddes, Onondaga County New York (See Figure 1). The IRM Work Plan presented below is based on a teleconference on July 11, 2011 between Messrs. Tracy Smith and Don Hesler with NYSDEC and Neal McElveen of S&ME Northeast.

Specifically, this IRM Work Plan outlines the RI activities which are intended to evaluate the horizontal and vertical extent of waste materials and the activities intended for the preparation of the IRM Design. The purpose of the IRM is to prevent direct human exposure to the waste. The IRM Design will be submitted under separate cover.. The work plan also includes a proposed schedule to complete the IRM.

Remedial Investigation Background

The initial RI/FS Work Plan was submitted to NYSDEC on February 7, 2011 and approved by NYSDEC on February 23, 2011. The RI/FS included up to 5 borings located along Onondaga Lake to evaluate the vertical extent of waste and up to 15 trenches/test pits. Originally the trenches/test pits were to be extended into the waste. As discussed with NYSDEC on June 1, 2011 and as presented in a Modification of Remedial Investigation and Interim Measures letter dated July 7, 2011 (approved by NYSDEC on July 11, 2011), it was agreed that the number of borings would be decreased to two and

no more than six trenches would be extended to the top of the waste material which is estimated to be 1 to 2 feet below the ground surface.

The RI field activities were performed on July 27 and 28, 2011. The two borings were extended through the waste materials and the RI and historical information from the PSA will be used in estimating the volume and extent of waste. The locations of the trenches/test pits were modified based on field judgment and NYSDEC interaction during field activities. Based on the observation of waste materials and metal slag in the northern portion of the site, twelve trenches and two hand dug holes were completed at the site. The locations of the borings and trenches pits are indicated on the attached Drawing 1. The identification of waste materials in the northern portion of the site will require clearing and grubbing prior to implementation of the IRM.

Interim Remedial Measure Design

S&ME Northeast understands that Honeywell plans to utilize the Lake Pump Site as a shoreline facility for remediation efforts of Onondaga Lake. A project support building and associated parking is proposed for placement on the Lake Pump site for a period of approximately 5 years beginning in Fall 2011. As such, NYSDEC suggested an interim remedial measure consisting of a one foot #4 stone cover over the waste material. The NYSDOT stone specification was provided to S&ME Northeast by Mr. Tracy Smith in an email on April 22, 2011. In addition, we understand that Honeywell will place rip-rap along the edge of the Lake Pump site adjacent to the shoreline of Onondaga Lake.

S&ME Northeast is utilizing information gathered during our modified RI activities presented above to prepare an IRM Design for the Lake Pump Site. The IRM Design would include the following:

- a description of the clearing/grubbing and planned stone cover;
- the method of installation;
- technical specifications of the stone;
- a site specific Health and Safety Plan (prepared and submitted in the RI/FS Work Plan dated February 7, 2011); and
- design drawings indicating the approximate area to be covered.

Interim Remedial Measure Implementation

Based on Honeywell's use of the Lake Pump Site and the compressed time frame for installation of the IRM, the IRM Design is being developed concurrently with this IRM Work Plan. Upon receipt of approval of the work plan and IRM Design, S&ME Northeast will initiate installation activities associated with placement of the stone cover. Installation of the stone cover is anticipated to take approximately 15 business days to complete. S&ME Northeast will provide contractor oversight during installation of the stone cover. Documentation will include at a minimum, photographs, field reports including the number of loads and amounts of stone delivered to the site and location of the edge of stone using a Trimble Geo Series hand-held GPS unit capable of sub-meter

sub-meter accuracy. GPS data will then be post-processed using available base station data and Trimble GPS Pathfinder software.

Interim Remedial Measure Reporting

Following completion of installation of the stone cover, S&ME Northeast will prepare a brief letter report (IRM Completion Report) presenting the field activities completed documentation of the amounts and depths of stone placed at the site, and drawings indicating the horizontal extent of waste and the limits of the stone cover. In addition, the IRM will be presented in the RI/FS reports.

Schedule

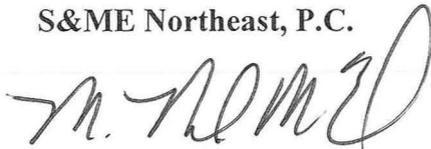
A proposed schedule of RI and IRM activities is summarized in the following table. Based on the tight schedule for completion of the RI and installation of the IRM, S&ME Northeast understands that the tasks presented above, review of draft submittals, and installation activities will be completed in a compressed fashion. Please note that the dates provided could change during this process based on contractor schedules and weather conditions. However, the goal to have the IRM installation completed by Fall 2011 remains.

Milestone	Duration
Installation of IRM	Complete in October 2011.
IRM Completion Report	Within 20 Business Days (4 weeks) of Completing Field Work
Submit Draft RI Report to Include IRM	Within 75 Business Days (15 weeks) of Completing Field Work

Please consider this IRM Work Plan as field activities and planned implementation of the IRM are being scheduled for completion in October 2011.

Respectfully submitted,

S&ME Northeast, P.C.



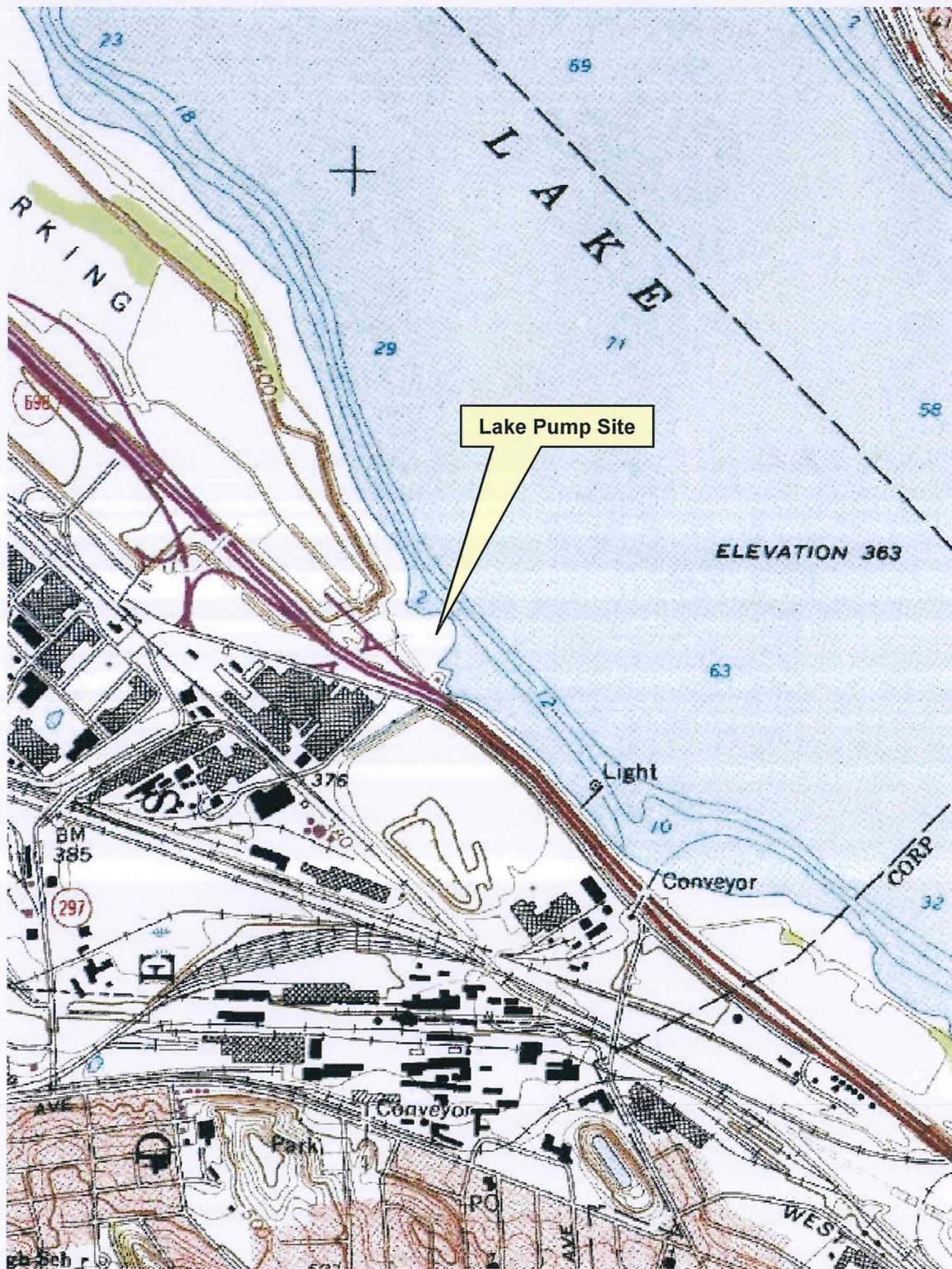
M. Neal McElveen, P.E.



Jack J. Amar, P.E.
Vice President

Attachment: Figure 1 – Site Vicinity Map
Drawing 1 - IRM Plan

Cc: Joe Wheatley, EnPro Industries



1 in ~ 1260 ft

Source: Syracuse, New York, USGS Topographic Map obtained from <http://msrmaps.com>

Scale: As Shown

Drawn by: PRL

Checked by: MNM

Date: 11-29-2010



Site Vicinity Map

Lake Pump Site
Onondaga Lake
Town of Geddes, New York

S&ME Job No.: 1354-10-052A

Figure

1

