New York State Department of Environmental Conservation

February 2013

FACT SHEET

State Superfund Program

Receive Site Fact Sheets by *Email.* See "For More Information" to Learn How.

Site Name: Old Erie Canal -Village of Clyde Section
DEC Site #: 859015
Address: Columbia Street
Clyde, NY 14433

Have questions? See "Who to Contact" Below

Remedy Proposed for State Superfund Site; Public Comment Period and Public Meeting Announced

Public Meeting, Tuesday, 3/19/2013 at 7:00 PM
Village of Clyde
6 South Park Street
Clyde NY 14433

NYSDEC invites you to a public meeting to discuss the remedy proposed for the site. You are encouraged to provide comments at the meeting, and during the 30-day comment period described in this fact sheet.

The public is invited to comment on a remedy proposed by the New York State Department of Environmental Conservation (NYSDEC) related to the Old Erie Canal -Village of Clyde Section site ("site") located at Columbia Street, Clyde, Wayne County. Please see the map for the site location.

How to Comment
NYSDEC is accepting written comments about the proposed plan for 30 days, from **February 28, 2013** through **March 30, 2013**. The proposed plan is available for review at the location(s) identified below under "Where to Find Information." Please submit comments to the NYSDEC project manager listed under Project Related Questions in the "Who to Contact" area below.

The site is listed as a Class "2" site in the State Registry of Inactive Hazardous Waste Disposal Sites (list of State Superfund sites). A Class 2 site represents a significant threat to public health or the environment; action is required.

Proposed Remedial Action Plan
The remedy proposed for the site includes:

- Enhanced biodegradation to treat chlorinated volatile organic compounds (VOCs) at three locations, under the manufacturing building, outside the manufacturing building, and within the former barge turnaround area. The biological breakdown of contaminants will be enhanced by injecting a solution to promote microbial growth.

- Groundwater monitoring for site related contamination and natural attenuation indicators. Contamination is anticipated to decrease by a magnitude deemed acceptable to NYSDEC within a reasonable period of time (5 to 10 years).

- Construction of a soil cover at the south end of the site to prevent exposure to contaminated soils; it will be a minimum thickness of one foot and consist of clean soil. The site building currently serves as a site cover. This site cover will be maintained to allow for industrial use of the site. Clean soil is soil that is tested and meets the Division of Environmental Remediation's criteria for backfill.

- To prevent exposure via soil vapor intrusion, a sub-slab vapor depressurization system will be installed at the manufacturing building on-site.

- An institutional control in the form of an environmental easement for the controlled property to restrict the site to industrial uses.

Additional Details
Based on the results and evaluations of stormwater sampling of the site stormsewers, an Interim Remedial Measure was completed in November 2003 to seal and direct stormwater away from a portion of the stormsewer system.

As a result of soil vapor intrusion investigations, mitigation measures were implemented at an off-site residence based on the levels of VOCs in the soil vapor samples collected near the structure and the corresponding indoor air levels at that structure.

Summary of the Investigation
The primary contaminants of concern at the site are VOCs in soil, groundwater, and soil vapor. Semi-volatile organic compounds and metals were identified as contaminants of concern in soils.

NYSDEC developed the proposed remedy after reviewing the detailed investigation of the site and evaluating the remedial options in the “feasibility study” submitted under New York’s State Superfund Program by the responsible party(ies).

Next Steps
NYSDEC will consider public comments as it finalizes the remedy for the site. 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. A detailed design of the selected remedy will then be prepared, and the cleanup will be performed. The remedy is expected to begin in 2014 following development of the remedial design.

NYSDEC will keep the public informed throughout the investigation and cleanup of the site.

Background
Location:
The Old Erie Canal site is located at 124 Columbia Street in a residential section of the Village of Clyde, Town of Galen, Wayne County. The site is approximately 0.25 miles west of the intersection of Columbia Street and State Route 414.

Site Features:
The approximately 10 acre site includes the Parker Hannifin property, which contains the manufacturing building, and adjacent parcels to the west and southwest. The properties to the west/southwest are an open area that includes a filled-in section of the former Erie Canal and a section that was utilized as a barge turnaround.

The site is bounded to the north by Columbia Street and residential properties, to the east by a commercial property, and to the west by residential properties. The adjacent residential properties are on public water. An active rail line and the New York State Barge Canal border the site to the south. A drainage channel passes to the west of the manufacturing building and eventually drains to the Barge Canal to the south.

Current Zoning/Use:
The site is currently zoned industrial, and manufacturing operations are active. The former barge turnaround area is undeveloped.

Historic Use:
Manufacturing operations have occurred at the site since the early 1800s. Glass manufacturing dominated Site operations into the early 1930s. The Acme Electric Company (Acme Electric) purchased the property in 1941 for production of transformers. The current facility was built in 1941. Acme Electric manufactured electrical equipment, transistors, radar components and transformer components for use by the United States Navy during World War II. General Electric (GE) purchased the facility in 1945 for the manufacture of electrical equipment. Parker Hannifin purchased the facility from GE in 1965 initially for the manufacture of automobile air conditioning systems. These manufacturing activities are thought to have generated chlorinated solvents.

The Old Erie Canal was excavated through the southern portion of the site between 1817 and 1862. The canal included the former Barge Turnaround located in the southwestern portion of the Site. The present day Barge Canal was constructed beginning in 1908 utilizing a portion of the Clyde River south of the site. The portion of the Old Erie Canal adjacent to the Site was abandoned in 1917.

The Old Erie Canal and former Barge Turnaround were used as historical disposal/fill sites. The section of the Old Erie Canal along the southern portion of the property was reportedly filled between 1968 and 1979.

The Village of Clyde sanitary sewer system historically discharged to a septic tank located at the confluence of the former Barge Turnaround and the Old Erie Canal. The septic tank was reportedly demolished as part of sanitary sewer system improvements completed between 1968 and 1972.

Site Geology and Hydrogeology:
Groundwater flow in the area is generally to the south. Groundwater has been measured at depths ranging from 2 to 10 feet below the ground surface. Bedrock is encountered approximately 25 feet below ground surface. This is overlain by a layer of glacial till 10 to 20 feet thick. This till is overlain by layers of sand and gravel. A layer of fill material comprises the uppermost layer and is of greater depth in the barge turnaround section.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's website at:
http://www.dec.ny.gov/cfmx/extapps/derexternal/haz/details.cfm?pageid=3&progno=859015

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/or the environment go through a process of investigation, evaluation, cleanup and monitoring.

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

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

FOR MORE INFORMATION

Where to Find Information
Project documents are available at the following location(s) to help the public stay informed.

Clyde Savannah Public Library
204 Glasgow Street
Clyde, NY 14433
(315) 923 – 7767

Hours

Sunday	CLOSED
Monday	1 pm - 8 pm
Tuesday	10 am - 6 pm
Wednesday	1 pm - 8 pm
Thursday	10 am - 6 pm
Friday	1 pm - 6 pm
Saturday	10 am - 1 pm

NYSDEC – Region 8
Division of Environmental Remediation
6274 East Avon-Lima Road
Avon, NY 14414
585-226-5308

Hours
Monday – Friday
8:45 am – 4:30 pm

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

Project Related Questions
Matthew Gillette
Department of Environmental Conservation
Division of Environmental Remediation
6274 East Avon-Lima Road
Avon, NY 14414
585-226-5308
mpgillet@gw.dec.state.ny.us

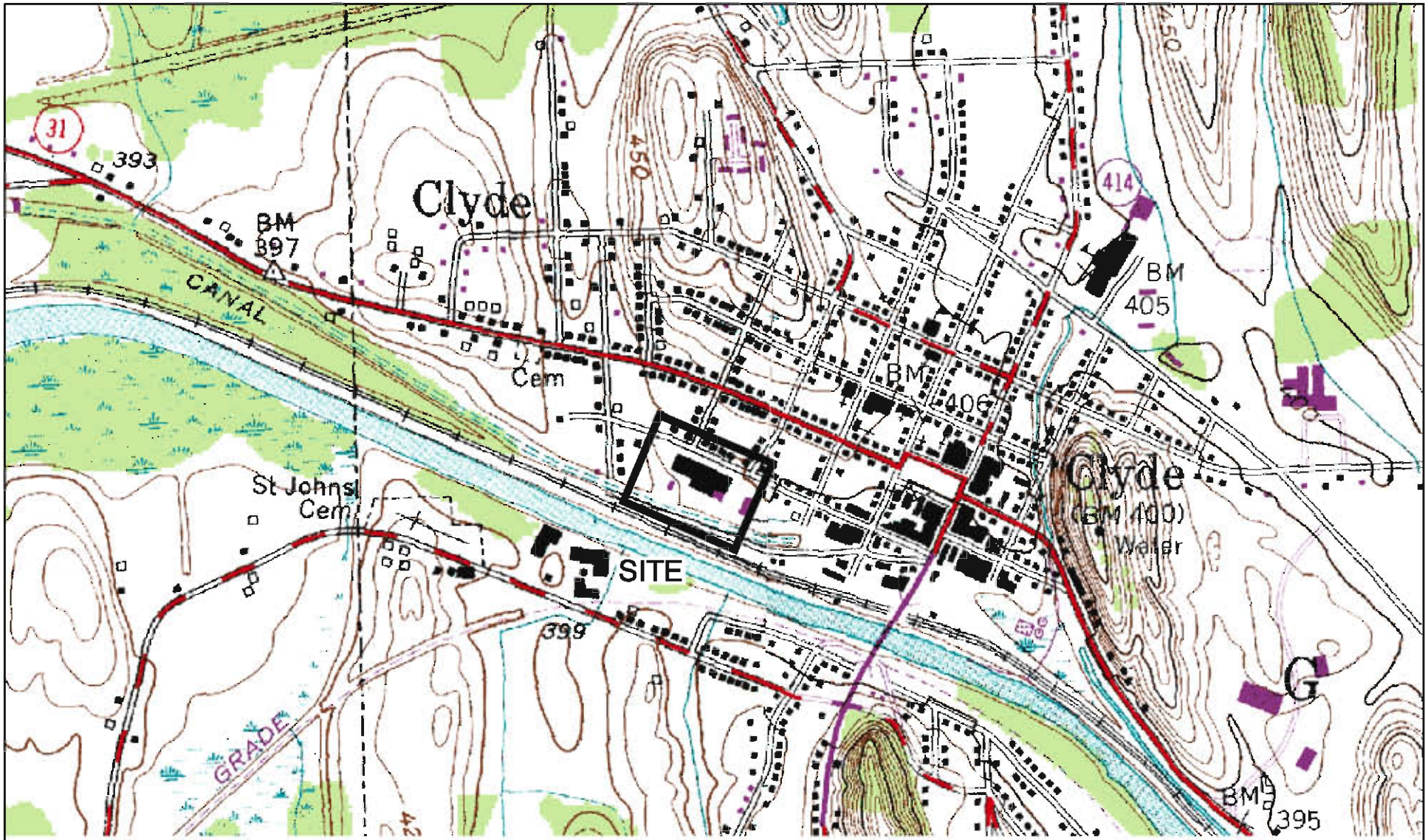
Site-Related Health Questions
Melissa A. Doroski
New York State Department of Health
Empire State Plaza Corning Tower Room 1787
Albany, NY 12237
518-402-7860
BEEI@health.state.ny.us

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: http://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.

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



SOURCE:
USGS, USC&GS,TVA, NEW YORK
QUADRANGLE, DATED 1953

Figure 1

SITE LOCATION MAP
OLD ERIE CANAL SITE
Clyde, New York

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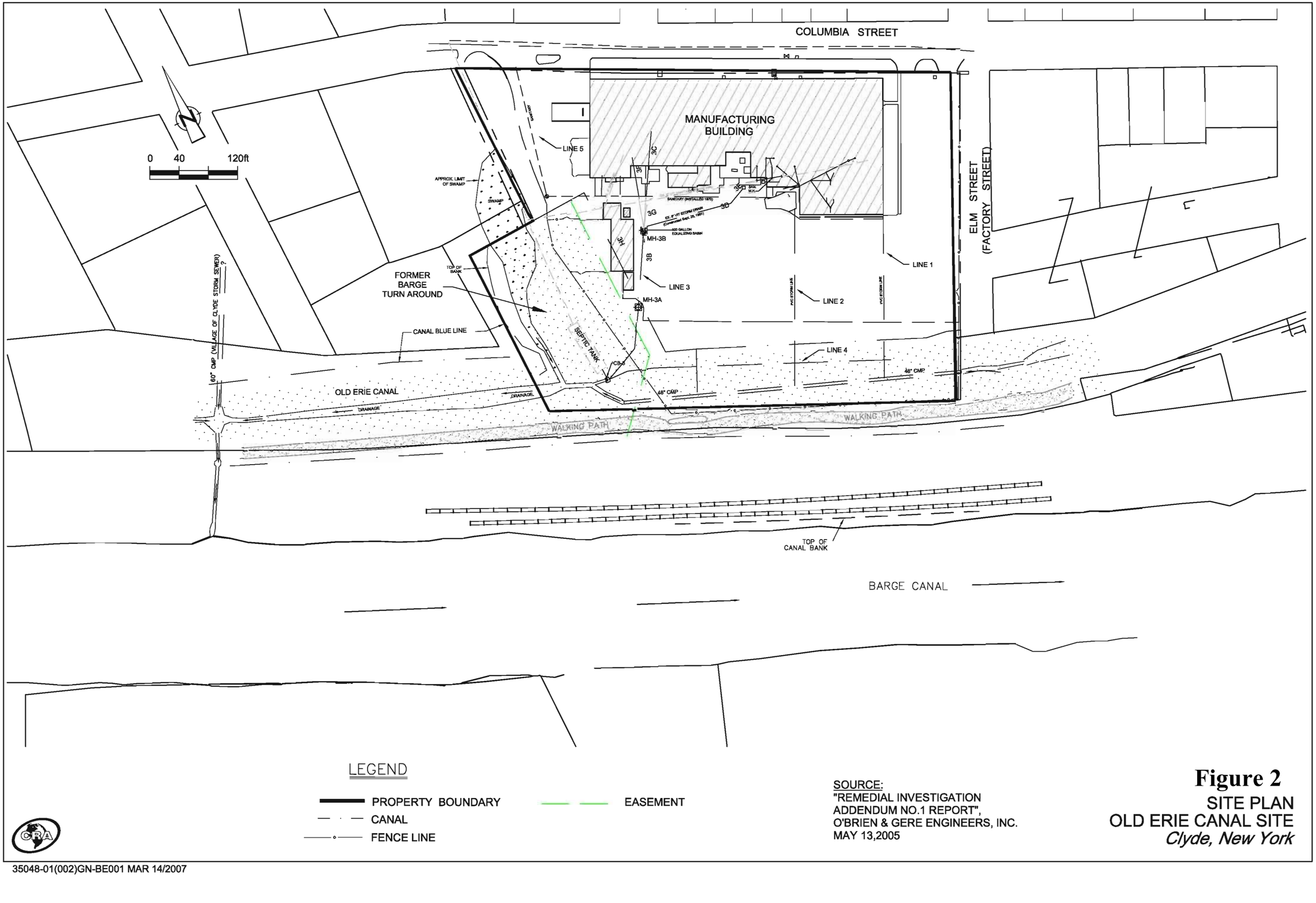

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