



**Department of
Environmental
Conservation**

State Superfund Program

Citizen Participation Plan For Monroe Electronics Site Site No. 837013

100 Housel Avenue
Village of Lyndonville
Orleans County, New York

July 2015

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Note: The information presented in this Citizen Participation Plan was current as of the date of its approval by the New York State Department of Environmental Conservation. Portions of this Citizen Participation Plan may be revised during the site’s investigation and cleanup process.

Responsible Party: **Robert Vosteen (owner), Monroe Electronics, Inc. (operator)**
Site Name: **Monroe Electronics**
Site Address: **100 Housel Avenue, Lyndonville, NY**
Site County: **Orleans County**
Site Number: **837013**

1. What is New York's 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 or the environment, such as the site identified above, undergo a process of investigation, evaluation, cleanup, and monitoring.

The New York State Department of Environmental Conservation (NYSDEC) administers the SSF Program with assistance and input from the New York State Department of Health (NYSDOH). When the parties responsible for the contamination of the site are known ("responsible parties"), they often pay for or perform the investigation and evaluation of cleanup options under an enforceable consent order. At sites where responsible parties cannot be found or are unable or unwilling to fund an investigation, the State pays for the investigation and may try to recover costs from a responsible party after the investigation and cleanup are complete.

The SSF program contains investigation and cleanup requirements, ensuring that cleanups protect public health and the environment. For more information about the SSF program, go online at: <http://www.dec.ny.gov/chemical/8439.html> .

2. Citizen Participation Activities

Why NYSDEC Involves the Public and Why It Is Important

NYSDEC involves the public to improve the process of investigating and cleaning up contaminated sites, and to enable citizens to participate more fully in decisions that affect their health, environment, and social well being. NYSDEC provides opportunities for citizen involvement and encourages early two-way communication with citizens before decision makers form or adopt final positions.

Involving citizens affected and interest in site investigation and cleanup programs is important for many reasons. These include:

- Promoting the development of timely, effective site investigation and cleanup programs that protect public health and the environment
- Improving public access to, and understanding of, issues and information related to a particular site and that site's remedial process
- Providing citizens with early and continuing opportunities to participate in NYSDEC's site investigation and cleanup process
- Ensuring that NYSDEC makes site investigation and cleanup decisions that benefit from input that reflects the interests and perspectives found within the affected community
- Encouraging dialogue to promote the exchange of information among the affected/interested public, State agencies, and other interested parties that strengthens trust among the parties, increases understanding of site and community issues and concerns, and improves decision making.

This Citizen Participation (CP) Plan provides information about how NYSDEC will inform and involve the public during the investigation and cleanup of the site identified above. The public information and involvement program will be carried out with assistance, as appropriate, from the County of Livingston, the current owner of the site.

Project Contacts

Appendix A identifies NYSDEC project contact(s) to whom the public should address questions or request information about the site's investigation and cleanup program. The public's suggestions about this CP Plan and the CP program for the site are always welcome. Interested people are encouraged to share their ideas and suggestions with the project contacts at any time.

Locations of Reports and Information

The locations of the reports and information related to the site's remedial program also are identified in Appendix A. These locations provide convenient access to important project documents for public review and comment. Some documents may be placed on the NYSDEC web site. If this occurs, NYSDEC will inform the public in fact sheets distributed about the site and by other means, as appropriate.

Site Contact List

Appendix B contains the site contact list. This list has been developed to keep the community informed about, and involved in, the site's investigation and cleanup process. The site contact list will be used periodically to distribute fact sheets that provide updates about the status of the project. These will include notifications of upcoming activities at the site (such as fieldwork), as well as availability of project documents and announcements about public comment periods.

The site contact list includes, at a minimum:

- chief executive officer and planning board chairperson of each county, city, town and village in which the site is located;
- residents, owners, and occupants of the site and properties adjacent to the site;
- the public water supplier which services the area in which the site is located;
- any person who has requested to be placed on the site contact list;
- the administrator of any school or day care facility located on or near the site for purposes of posting and/or dissemination of information at the facility;
- location(s) of reports and information.

The site contact list will be reviewed periodically and updated as appropriate. Individuals and organizations will be added to the site contact list upon request. Such requests should be submitted to the NYSDEC project contact(s) identified in Appendix A. Other additions to the site contact list may be made at the discretion of the NYSDEC project manager, in consultation with other NYSDEC staff as appropriate.

CP Activities

The table at the end of this section identifies the CP activities that will be conducted during the site's investigation and cleanup program. The public is informed about these CP activities through fact sheets and notices distributed at significant points during the program. Elements of the investigation and cleanup process that match up with the CP activities are explained briefly in Section 4.

- **Notices and fact sheets** help the interested and affected public to understand contamination issues related to a site, and the nature and progress of efforts to investigate and clean up a site.
- **Public forums, comment periods and contact with project managers** provide opportunities for the public to contribute information, opinions and perspectives that have potential to influence decisions about a site's investigation and cleanup.

The public is encouraged to contact project staff at any time during the site's investigation and cleanup process with questions, comments, or requests for information.

This CP Plan may be revised due to changes in major issues of public concern identified in Section 3 or in the nature and scope of remedial activities. Modifications may include additions to the site contact list and changes in planned citizen participation activities.

Technical Assistance Grant

The site identified above poses a significant threat to public health or the environment, so that a qualifying community group may apply for a Technical Assistance Grant (TAG). The purpose of a TAG is to provide funds to the qualifying community group to obtain independent technical assistance. This assistance helps the TAG recipient to interpret and understand existing environmental information about the nature and extent of contamination related to the site and the development/implementation of a remedy.

An eligible community group must certify that its membership represents the interests of the community affected by the site, and that its members' health, economic well-being, or enjoyment of the environment may be affected by a release or threatened release of contamination at the site.

For more information about TAGs, visit: <http://www.dec.ny.gov/regulations/2590.html>.

Note: The table identifying the citizen participation activities related to the site's investigation and cleanup program follows on the next page:

Citizen Participation Activity	Timing of CP Activity
Before Start of Remedial Investigation (RI):	
<ul style="list-style-type: none"> - Prepare site contact list - Establish document repository - Prepare Citizen Participation (CP) Plan - Place approved RI Work Plan in document repository - Distribute fact sheet to site contact list that announces availability of RI Work Plan and describes upcoming RI field work 	<p>Before start of RI. Note: Draft CP Plan must be submitted to NYSDEC within 20 days of effective date of Consent Order. CP Plan must be approved by NYSDEC before distribution.</p>
When NYSDEC Approves Remedial Investigation Report:	
<ul style="list-style-type: none"> - Distribute fact sheet to site contact list that describes RI results - Place approved RI Report in document repository 	<p>When NYSDEC approves RI Report</p>
When NYSDEC Releases Proposed Remedial Action Plan (PRAP):	
<ul style="list-style-type: none"> - Place PRAP in document repository - Distribute fact sheet to site contact list that describes PRAP and announces 30-day comment period and public meeting - Conduct 30-day public comment period - Hold public meeting about PRAP 	<p>When NYSDEC releases PRAP. Comment period begins/ends as per dates identified in fact sheet. Public meeting is held during the comment period.</p>
When NYSDEC Issues Record of Decision (ROD):	
<ul style="list-style-type: none"> - Place ROD in document repository - Distribute notice to site contact list that announces availability of ROD. ROD includes responsiveness summary of significant comments about PRAP 	<p>When NYSDEC issues ROD</p>
Before Start of Remedial Action:	
<ul style="list-style-type: none"> - Distribute fact sheet to site contact list that describes upcoming remedial action 	<p>Before the start of remedial action at the site.</p>
When NYSDEC Issues Certificate of Completion (COC) or Similar Site Closure Document:	
<ul style="list-style-type: none"> - Place COC in document repository - Distribute fact sheet to site contact list that announces issuance of COC 	<p>Within 10 days after NYSDEC issues COC or other similar site closure document</p>

3. Major Issues of Public Concern

This section of the CP Plan identifies major issues of public concern that relate to the site. Additional major issues of public concern may be identified during the course of the site's investigation and cleanup process.

Major issues that have been identified include:

- The potential for direct human and animal contact with contaminated surface soils on the site
- The potential for exposures related to soil vapor intrusion in on-site buildings
- Truck traffic through the Village of Lyndonville during remediation and disposal of contaminated soils
- The potential for airborne contaminant releases as a result of remedial work activities to off-site receptors, including nearby residences, occupants of L.A. Webber Middle-High School, and businesses to the north, as well as on-site workers not directly involved with site activities.

4. Site Information

Site Description

The Monroe Electronics site is located in Lyndonville, a small village along Route 63 in rural Orleans County approximately 4 miles south of Lake Ontario. The 10-acre site is situated at the west end of Housel Avenue across the street from L.A. Webber Middle-High School. To the north lie several businesses along West Avenue including a large apple processing plant and warehousing operation.

Appendix C contains a map identifying the location of the site.

History of Site Use, Investigation, and Cleanup

Prior and current use(s): Monroe Electronics is an active facility involved in the manufacture of electrostatic measuring equipment and has been at this location since 1972. Before Monroe Electronics operated here, the property was the site of the former DuPont/Barre Lime & Sulfur Company where various pesticide sprays and dust mixtures were manufactured.

Contaminants related to the site that are known or suspected: The contaminants of concern at the Monroe Electronics site include industrial solvents in groundwater and arsenic in soil. The two specific industrial solvents known to be causing environmental impacts at the site are 1,1,1-trichloroethane (TCA) and trichloroethene (TCE). TCA and TCE are chlorinated volatile organic compound (VOCs) that were used for cleaning and degreasing components in the manufacturing process. These two chemicals, as well as

their by-products of degradation, have been detected in groundwater at concentrations above Class GA Groundwater Standards and Guidance Values (Class GA Values). In addition, in 1986, Monroe Electronics reported that they had dumped 1 to 4 tons of TCA at their Housel Avenue facility.

Previous environmental assessments, investigations, and/or cleanup activities performed at the site: The Monroe Electronics property was originally part of the Lyndonville – West Avenue (LWA) site and related cleanup actions (Site No. 837002) which addressed pesticide and arsenic contamination found in a nearby landfill and drainage ditch. In November 1999, following the investigation of the LWA site by Dupont, the Monroe Electronics property was detached from the LWA site description and addressed as a separate site. The LWA site was subsequently remediated and is being monitored.

In 2000, the NYSDEC performed a Site Characterization (SC) at the Monroe Electronics site to determine if it should be listed on the New York State Registry of Inactive Hazardous Waste Disposal Sites (the Registry). As part of the investigation, seven direct push soil borings and temporary groundwater wells were installed; two soil and groundwater samples were collected from each of the borings. Chlorinated VOCs, including TCA and TCE, were detected in soil and groundwater samples above standards. Robert Vosteen, one of the owners of Monroe Electronics, also confirmed that solvents were disposed on the property. Four surface soil samples were also collected and a number of metals, including arsenic, were detected above background levels across the site. Removal of over 3,000 tons of arsenic-contaminated soil within the drainage ditch that runs along the north property line was completed in 2005 by Dupont as part of the LWA cleanup, however arsenic contaminated soil remains in other areas on-site.

When and under what circumstances was the site determined to be a significant threat to public health and/or the environment and given Class 2 status? In 2002, after groundwater contamination and hazardous waste disposal was confirmed during the SC, the site was listed on the Registry as a Class 2 site, meaning the site represents a significant threat to public health and the environment requiring action. While contaminated groundwater at the Site is not used for drinking or other purposes (the Site is served by a public water supply that obtains water from a different source not affected by this contamination), VOCs in the groundwater may have the potential to move into the air spaces within the soil as a vapor, which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Although a majority of the Site is developed, access to the Site is not restricted. People may contact contaminants in the soil by touching exposed soil, digging, or otherwise disturbing the soil. The potential for the inhalation of Site contaminants due to soil vapor intrusion and direct contact with contaminated surface soil will be addressed as part of the future site remedy.

5. Investigation and Cleanup Process

Investigation

A detailed study of the site has recently been completed by the NYSDEC and its contractors with the assistance of NYSDOH. This detailed study is officially called a “Remedial Investigation”. Information collected during the Remedial Investigation (RI) is summarized in two reports: RI Report (approved by NYSDEC in May 2014) and Supplemental RI Report (approved by NYSDEC in May 2015). Both the RI Report and Supplemental RI Report are available for public review at the “Locations of Reports and Information” identified in Appendix A.

NYSDEC attempts to identify parties responsible for site contamination and require cleanup before committing State funds. Prior to the start of the RI, the owner and operator of the Monroe Electronics site were notified in writing and given the opportunity to conduct the RI but declined. A State-funded RI was performed between 2011 and 2014. The site investigation was guided by the following goals:

- 1) To define the nature and extent of contamination in soil, surface water, groundwater and any other parts of the environment that may be affected;
- 2) To identify the sources of the contamination;
- 3) To assess the impact of the contamination on public health and the environment; and
- 4) To provide information to support the development of a proposed remedy to address the contamination.

NYSDOH reviewed and recommended activities performed during the investigation to ensure that a complete picture of potential health impacts is understood. Such activities included identifying the ways contamination can reach people, such as through direct contact, eating, drinking, or breathing.

RI field activities in 2011 included installation of 21 monitoring wells and sampling of groundwater, soil, and vapor beneath and within the on-site manufacturing building. In 2014, as part of the Supplemental RI (SRI), eleven more wells were installed, including several pairs of wells located off-site along West Avenue. The SRI work included installation of several soil borings inside the manufacturing building, sampling of surface water/sediment and surface soil, in addition to two groundwater sampling events.

Feasibility Study

After the site investigation, the NYSDEC will conduct a “Feasibility Study.” This study uses information developed during the site investigation to develop and evaluate potential ways to clean up contamination related to the site. Another possibility is that the information collected during the site Investigation may support the conclusion that no action, or no further action, is needed to address site-related contamination.

Proposed Remedy

The evaluation of possible remedies ends with a recommended proposal to eliminate the threat posed by contaminants at the site. NYSDEC approves or prepares this proposal, officially called a “Proposed Remedial Action Plan” or PRAP). The PRAP describes the remedy preferred by NYSDEC, or a no action or no further action alternative. The PRAP summarizes the decision that led to the recommendation of the preferred remedy by discussing each alternative and the reasons for choosing or rejecting it. The goal of any cleanup plan is to protect public health and the environment. NYSDEC will present the PRAP to the public for its review and comment during a 30-day comment period and at a public meeting.

Selected Remedy

NYSDEC considers public comments as it selects the remedy to address contamination related to the site. The selected remedy will be described in a document officially called a “Record of Decision” (ROD). The ROD will explain why the remedy was selected and respond to public comments. This document will be placed in the location of reports and information. If the selected remedy is no action or no further action, NYSDEC may then take steps to reclassify the site or remove the site from its list of contaminated sites.

Cleanup Action

If the Record of Decision for the site calls for cleanup action, the project then moves to designing and performing the cleanup actions to address the site contamination. When cleanup actions have been completed, NYSDEC will approve or prepare a final engineering report that describes the cleanup actions undertaken and certifies that cleanup requirements have been achieved or will be achieved.

Certificate of Completion

Upon approval of the final engineering report, NYSDEC may issue a Certificate of Completion (COC). The COC would recognize the findings of the final engineering report. The COC would note that the cleanup program achieved a cleanup level consistent with specific categories of use for the site. The recipient of the COC would be entitled to limited liability as long as it complied with the terms of the COC, and other conditions.

A COC may be modified or revoked if, for example, the recipient does not comply with the terms of the COC, or if the recipient commits fraud regarding its certification that it has met cleanup levels.

Site Management

Site management is the last phase of the site cleanup program. This phase begins when the COC is issued. Site management may be conducted by NYSDEC, or by the

responsible party under NYSDEC oversight, if contamination will remain in place. Site management incorporates any institutional and engineering controls required to ensure that the remedy implemented for the site remains protective of public health and the environment. All significant activities are detailed in a Site Management Plan.

An institutional control is a non-physical restriction on use of the site, such as a deed restriction that would prevent or restrict certain uses of the property. An institutional control may be used when the cleanup action leaves some contamination that makes the site suitable for some, but not all uses. An engineering control is a physical barrier or method to manage contamination. Examples include: caps, covers, barriers, fences, and treatment of water supplies.

Site management also may include the operation and maintenance of a component of the remedy, such as a system that is pumping and treating groundwater. Site management continues until NYSDEC determines that it is no longer needed. During the Site Management phase, NYSDEC may also take steps to reclassify the site or remove the site from the Registry.

Appendix A
Project Contacts and Locations of Reports and Information

Project Contacts

For information about the site's investigation and cleanup program, the public may contact any of the following project staff:

New York State Department of Environmental Conservation (NYSDEC):

Eric Hausamann
Project Manager
NYSDEC
Division of Environmental Remediation
625 Broadway, Albany, NY 12233
(518) 402-9813

Linda Vera
Citizen Participation Specialist
NYSDEC Region 8
6274 Avon-Lima Rd., Avon, NY 14414
(585) 226-5324

New York State Department of Health (NYSDOH):

Melissa Doroski
Project Manager
NYSDOH
Empire State Plaza - Corning Tower,
Room #1787, Albany, NY 12237
(518) 402-7860

Locations of Reports and Information

The facilities identified below are being used to provide the public with convenient access to important project documents:

Yates Community Library
15 North Main Street, PO Box 485
Lyndonville, NY 14098
(585) 765-9041
Hours: 10am-5pm (closed Wed.)

NYSDEC Region 8
6274 Avon-Lima Rd., Avon, NY 14414
Attn: Linda Vera
Hours: call for appointment
(585) 226-5324

**Appendix B
Site Contact List**

Federal

The Honorable Charles Schumer
United States Senate
100 State St
Rochester, NY 14614

The Honorable Kirsten Gillibrand
United States Senate
100 State St
Rochester, NY 14614

The Honorable Rep. Chris Collins
US House of Representatives, NY 27th
128 Main Street
Geneseo, NY 14454

State

The Honorable Stephen Hawley
NYS Assembly District 139
121 N Main St, Suite 100
Albion, NY 14411

The Honorable Sen. Robert G. Ort
NYS Senate District 62
175 Walnut Street, Suite 6
Lockport, NY 14094

Orleans County

Lynne M. Johnson, Vice Chairman
Orleans County Legislature, District 2
12118 E. Yates Center Road
Lyndonville, NY 14098

Charles H. Nesbitt, Jr.
Orleans County Chief Admin. Officer
3 South Main St
Albion, NY 14411

Karen Lake-Maynard
Orleans County Clerk
3 South Main St
Albion, NY 14411

Paul A. Pettit, Director
Orleans County Public Health
14012 Route 31 West
Albion, NY 14411

David B. Callard, Chairman
Orleans County Legislature
3728 Fruit Ave
Medina, NY 14103

Dennis Kirby, District Manager
Orleans County Soil & Water
446 West Ave
Albion, NY 14411

Town of Yates

Bradley Bentley, Councilman
Town of Yates
8 South Main Street
Lyndonville, NY 14098

James Whipple, Councilman
Town of Yates
8 South Main Street
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Brenda Donald, Town Clerk
Town of Yates
8 South Main Street
Lyndonville, NY 14098

Wes Bradley, Councilman
Town of Yates
8 South Main Street
Lyndonville, NY 14098

John Belson, Supervisor
Town of Yates
8 South Main Street
Lyndonville, NY 14098

Roger Wolfe, Supt. of Highways
Town of Yates
8 South Main Street
Lyndonville, NY 14098

Village of Lyndonville

Terry Woodworth, Supt. of Public Works
Village of Lyndonville
2 South Main Street
Lyndonville, NY 14098

Teri M. Woodworth, Clerk-Treasurer
Village of Lyndonville
2 South Main Street
Lyndonville, NY 14098

Danny Woodward, Trustee
Village of Lyndonville
231 North Main Street
Lyndonville, NY 14098

Ellen Tuohey, Trustee
Village of Lyndonville
2 South Main St
Lyndonville, NY 14098

Stephen McAvoy, Mayor
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Lyndonville, NY 14098

Charles Covell, Trustee
Village of Lyndonville
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Lyndonville, NY 14098

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Lyndonville, NY 14098

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WROC-TV 8
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191 East Avenue
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News Editor
WHAM-TV 13
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247 West Avenue
Lyndonville, NY 14098

Jason A. Smith, Superintendent
Lyndonville Central School District
25 Housel Avenue
Lyndonville, NY 14098

Director
Lynhaven Cemetery
30 Housel Avenue
Lyndonville, NY 14098

Path Name: \\NTAPA-NYC\environmental\Shared\Projects\NYSDEC\Assignments\WA #19 - Monroe Electronics\Figures\TRC Working Drawings\Figure 2 - Site Plan.dwg - Date\Time: Tue, 24 Mar 2015 - 4:07pm - User Name: HDeGodo - Layout Tab: 11X17



LEGEND (SYMBOLS NOT TO SCALE):

-  SITE BOUNDARY
-  BUILDING FOOTPRINT



APPROXIMATE AREA OF DRAINAGE DITCH

EXISTING MANUFACTURING BUILDING

BUILDING

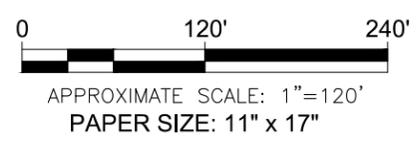
GRAVEL DRIVE

HOUSE AVENUE

SOURCES:

1. BASE AERIAL PHOTOGRAPH FROM GOOGLE EARTH 2014.

NO.	DESCRIPTION	BY	DATE




1430 BROADWAY, 10TH FLOOR
NEW YORK, NEW YORK 10018
212-221-7822

DESIGNED BY: LM
DRAWN BY: HD
CHECKED BY: DSG
DATE: MARCH 2015
SCALE: AS SHOWN
PROJECT NUMBER: 219075.0000.0000

PROJECT NAME:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SUPPLEMENTAL REMEDIAL INVESTIGATION REPORT
MONROE ELECTRONICS - SITE NO. 837013
100 HOUSE AVENUE
LYNDONVILLE, NEW YORK 14098

DRAWING TITLE:
Site Location Map

Append
C