

# FACT SHEET

## State Superfund Program



Department of  
Environmental  
Conservation

**Site Name:**  
FMC Corporation

**DEC Site #:**  
932014

**Address:**  
100 Niagara Street, Middleport, NY 14105

**May 2015**

## DEC ANNOUNCES PLAN TO BEGIN PHASE I SOIL REMEDIATION AT ROY-HART SCHOOL PROPERTY

Phase I of the soil remediation at the Roylton-Hartland (Roy-Hart) school property in Middleport, New York, will be conducted by the New York State Department of Environmental Conservation (DEC) beginning in June 2015. New York State is paying for the remediation effort. There will be no cost to the Roy-Hart Central School District.

### Background

FMC Corporation owns and operates a facility due south of the school in the Village of Middleport. As a result of historic air emissions and surface discharges of process water, the facility contaminated nearby properties (including the Roy-Hart School), predominantly with arsenic.

The Roy-Hart school property was initially sampled and a partial soil removal was completed by FMC in 1996 and 1999 in the vicinity of the football field. The DEC performed additional soil sampling in 2014 and 2015 to more fully define the extent of arsenic contamination on the remainder of the property exceeding the 20-part-per-million (ppm) objective described in the May 2013 Final Statement of Basis (FSB). This data was used to determine the soil that will need to be removed. FMC, the responsible party, has declined to complete the proposed work.

Based on the soil sampling performed on the Roy-Hart school property by the DEC and FMC, arsenic contamination is at levels exceeding the 20 ppm soil cleanup objective at depths ranging from 0 to 3 feet below ground surface for the majority of the grassed areas on the property. A preliminary excavation volume based on the 2014 soil sample data was estimated to be approximately 32,600 cubic yards of soil that will need to be removed from the school property. The DEC is in the process of developing a final excavation volume for the entire school property based on the additional soil data collected in April 2015.

### Roy-Hart School Remedial Design and Remedial Action

The DEC has been working with the Roy-Hart Board of Education and school district officials to identify school activities that could be affected by the remediation effort. On April 13, 2015, the Roy-Hart school board voted to approve the Phase I remediation of the school property. Phase I of the Roy-Hart school property remediation includes removal of approximately 7,300 cubic yards of contaminated soil from 2.6 acres in the southeast portion of the school property. Final restoration includes returning this area to its current configuration as a field hockey field that will be ready for use in the fall of 2016.

***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.***

**Have questions? See "Who to Contact" →**

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The remedial work is scheduled for a 12-week period from June 15, 2015 through September 4, 2015. Work and equipment operation on the school property will take place six days per week (Monday through Saturday) between 7:30 a.m. and 6:00 p.m. Prior to the start of any construction activities, an 8-foot-high chain-link fence with a privacy screen will be installed for security and safety purposes around the entire work area (i.e., excavation area, staging area, and access road). A construction access road will run north to south along the east boundary of the school property approximately 25 feet west of the property line. One manned gate will control traffic into and out of the work area onto Route 31E. The gate will be locked when the site is unmanned. Regular access to school buildings and parking areas will not be impacted by the work.

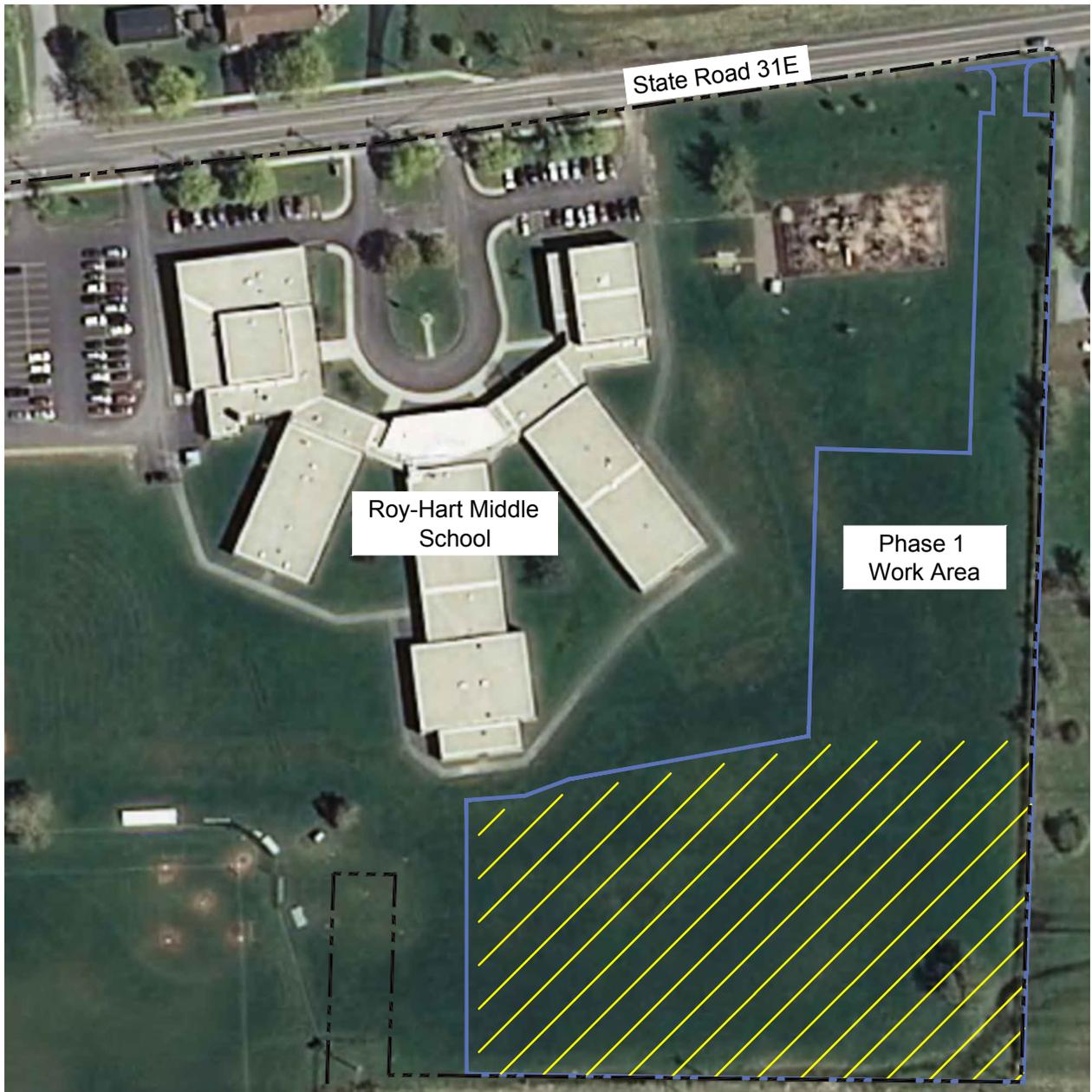
Proposed soil removal depths for Phase I range from 1 to 2.5 feet. Removal of the contaminated soil will be performed using conventional excavation equipment primarily consisting of front-end loaders, backhoes, and dump trucks. It is anticipated that approximately twenty-five (25) 20-ton trucks will be used per day to transport contaminated materials from the site to a disposal facility by traveling eastward out of town along Route 31E. Trucks will be lined with plastic sheeting and covered to prevent materials from escaping the trucks while in transit. Prior to leaving the site, trucks will be cleaned to remove any loose soil and weighed in a staging area designated for these activities. To ensure that construction activities do not cause undue congestion to local roads, truck traffic will be limited to between the hours of 7:00 a.m. and 5:00 p.m.

Daily air monitoring will take place during the construction activities in accordance with a DEC-approved community air monitoring plan (CAMP). The purpose of the CAMP is to

ensure that areas outside of the construction area are not impacted from potential airborne contaminant releases as a result of remedial activities. A minimum of three monitoring locations will provide continuous air monitoring and work activities will be halted and re-evaluated if air contaminants are reported in concentrations at or above the action levels. A storm water pollution prevention plan (SWPPP) will also be implemented to prevent storm water and soils from migrating off site.

Following completion of soil removal, clean fill material will be brought onsite for backfill, restoration, and landscaping activities. Prior to being brought to the site, all backfill materials will be tested to demonstrate that they do not contain contamination as defined in NYSDEC DER-10 Subdivision 5.4(e) Appendix 5 and 6 NYCRR Part 375 Soil Cleanup Objectives.

Because of the planned work, no athletic activities will take place on the restored hockey field until September 2016 to allow the sod and seeded areas to become established. While the section of fence area surrounding the field hockey field will be removed once backfilling activities are complete, the remaining fenced work area (i.e., the access road and staging areas) will remain up until the following summer's phase of remediation activities begin. Based on existing soil samples obtained from the Roy-Hart property, it is anticipated that an additional +/-26,000 cubic yards of soil will need to be removed from the remaining approximate 11.9 acres of grassed areas on the school grounds. The DEC and school district officials will work together this summer to develop a construction schedule for the remaining soil remediation activities at the school.



**LEGEND**

-  Approximate School Property Boundary
-  Phase 1 Fence Location
-  Phase 1 Remediation Area

**NOTES**

1. Survey provided by Popli Design Group on 8/14/14 and 4/27/15.
2. Background image is from NYSGIS Clearing House (Niagara County, 2011).



**Phase 1 Work Area Roy-Hart School, Middleport, New York**

## **FOR MORE INFORMATION**

Project documents (including the FSB) are available at the following location(s) to help the public stay informed.

### **Royalton Hartland Community Library**

9 South Vernon Street  
Middleport, NY 14105  
Phone: 716-735-3281

Project documents are also available on the DEC website at:

**<http://www.dec.ny.gov/chemical/82611.html>**

## **WHO TO CONTACT:**

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

### **Project Related Questions**

#### **Heidi-Marie Dudek**

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Environmental Conservation  
Division of Environmental Remediation*  
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### **Site-Related Health Questions**

#### **Stephanie Selmer**

*New York State Department of Health Bureau  
of Environmental Exposure Investigation*  
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