

**North Railroad Project Phase 1 Completed**

Phase 1 of the North Railroad Interim Corrective Measure was completed September 9, 2005. The project, which began in July, involved the removal and replacement of soils and sediment materials from FMC's railroad property to the north of the plant site and the construction of a containment cap and a system to control the flow of surface water. Phase 2, scheduled for spring 2006, will address the northwest section of this property which is inside the plant fence. A complete information sheet with details of the project, including health, safety, air monitoring and dust control measures, can be found online at [www.teapothollow.com](http://www.teapothollow.com).



*Phase 1 work on FMC's North Railroad Property to the north of the plant site is now complete. The ICM project was conducted in cooperation with the government environmental regulatory Agencies. The work plan is available for review at FMC's document repository at the Middleport Free Library.*



*FMC's onsite Eastern Surface Impoundment (ESI). The affected areas of the ESI were then graded, capped with clean soil and revegetated.*

*A special fabric and clay liner was installed to isolate any remaining subsurface contamination. Permanent erosion and sediment controls, along with stormwater control structures, were included to control and direct surface water flow. Nonhazardous soil removed during the project was placed in*



*Dust control measures, such as the watering of work and excavation areas pictured here, were used successfully throughout the project. Sensitive monitors that measured dust were moved many times daily to be close to work areas. Agency oversight officials were present for excavation activities. Air monitoring*

*conducted at the boundary of the railroad property did not detect arsenic, lead and chlorinated pesticides. No safety issues were reported. Site security was provided during off-work hours by off-duty law enforcement officers.*

*Inside  
this issue:***North Railroad Property  
ICM Completed**

page 1

**Next Steps in Statewide  
Agency Initiative**

page 2

**Results Mailed to Property  
Owners in Study Areas**

page 3

**Public Availability  
Sessions Held**

page 4

**Environmental Process  
Moves Forward**

page 5

**Plant Tour Scheduled**

page 6

**Let us know what  
you think!**Return reply comment  
card inside.**Community**  
*Connection*

*is produced to inform the community about issues related to the FMC Middleport plant, the environment and the local community.*

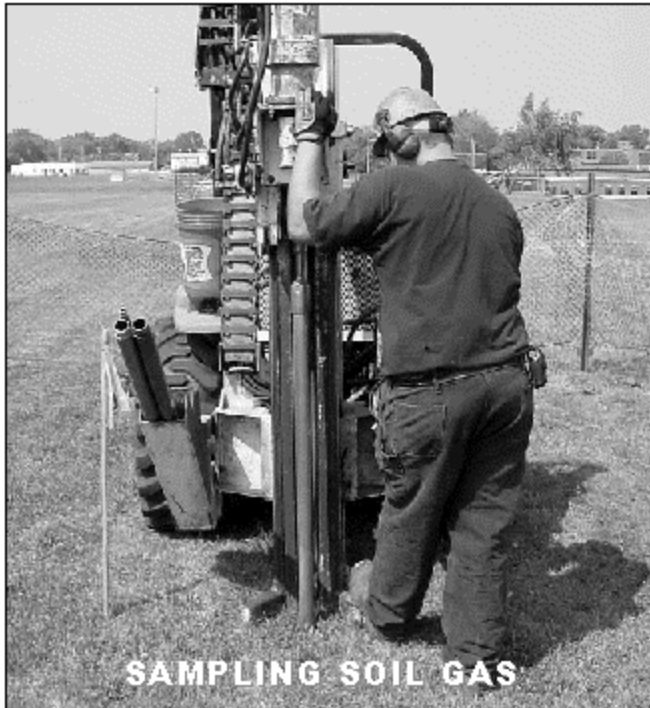
Call us at:

735-3761

Ext. 289

*with your questions,  
comments or concerns.*

## *Only low levels found; Groundwater data to be collected*



FMC collected fifteen soil gas samples on the Royalton-Hartland schoolyard this August as part of the state's new environmental program to evaluate the potential for vapor intrusion at sites across the state. Two additional groundwater monitoring wells were also installed on the schoolyard, adding to FMC's comprehensive system of monitoring wells, extraction wells and groundwater collection trenches already in place on and near the plant site.

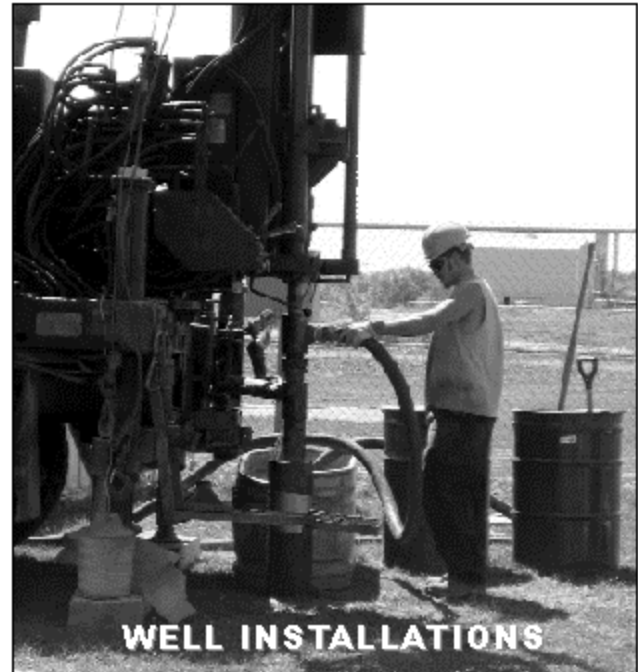
Results from the soil vapor testing conducted in August do not suggest a significant problem.

Some additional investigation will be conducted to complete the study, including groundwater sampling in October and November from the monitoring wells, including the two newly installed wells. FMC and the Agencies will further evaluate the soil gas sampling results together with the groundwater sampling results to determine whether further investigation, such as a vapor intrusion study, is warranted.

FMC is conducting this study in accordance with a work plan approved by the government environmental regulatory Agencies. A prelimi-

nary report with the results of the soil gas sampling was submitted to the Agencies August 31. A final report is scheduled to be completed in early 2006.

The work plan for the study was submitted to the Agencies and is available for public review at the FMC document repository in the Middleport Free Library.



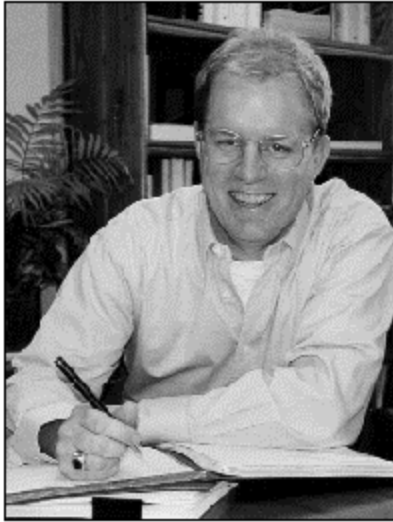
### **Part of a Statewide Initiative**

As part of the statewide program, the New York State Department of Health (DOH) and New York State Department of Environmental Conservation (DEC) are studying more than 700 sites with contamination from volatile organic compounds (VOCs), including sites that have already been remediated.

DOH and DEC developed draft vapor intrusion guidance earlier this year and began identifying sites for the new statewide program. This new study is a part of the state's more pro-active approach concerning potential soil vapor intrusion.

# Environmental Process Moving Forward

*By Brian Vain, Plant Manager*



With soil sampling results sent to property owners in study areas this summer and fall, residents are interested in the **Agencies'** ongoing **RCRA** environmental process in Middleport. While much more information will be presented by FMC and the Agencies in the future, here is an overview of the process moving forward.

First, there will be additional investigation activities, including soil sampling in offsite areas. The Agencies have directed FMC to collect a limited number of further samples from several locations in both the historic air deposition and the tributary/culvert study areas this fall. In addition, there will be sampling relative to the flood plain properties along Tributary One and Jeddo Creek north of Pearson Road. Finally, the current study of potential soil vapor, both offsite and onsite, will need to be completed.

**FMC Will Prepare and Submit a Draft RCRA Facility Investigation Report (RFI)**, which will define the nature and extent of elevated levels of chemical compounds associated with past operations at the FMC Middleport plant that have been identified in soil, sediment, groundwater and surface water. This report will include all this data from all sampled areas on both the plant site and offsite properties. The Agencies will do a preliminary review of the draft RFI report and present it to the public for comment. Upon receipt and consideration of all public comments, the Agencies will make their final determination to approve, disapprove or request a modification of the RFI report.

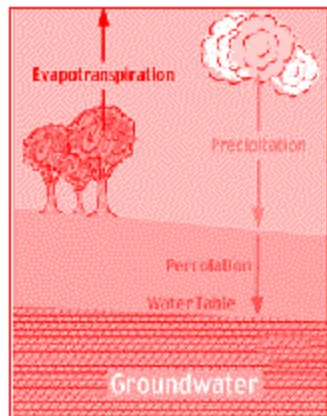
**After The RFI Report Is Complete**, the Agencies will determine from review of the RFI report if remedial action should be taken. If it is determined that action should be taken, the Agencies will then direct the performance by FMC of a Corrective Measures Study (**CMS**). The CMS will identify and evaluate various alternative remedial actions, considering a number of factors such as the size of the affected areas, background levels of the contaminants, governmental guidance documents, cleanup criteria, human exposure and health risks, the likely effectiveness of each cleanup option, environmental exposure and risks, community interests, costs and feasibility.

A decision on final remedial action(s) will be made after the CMS has been completed and reviewed by the Agencies and the public, taking into account public comments. The completion of the sampling programs and availability of the sampling results is only a step in this process. The CMS process and the selection of a final cleanup action, if warranted, can take several years. The Agencies also will evaluate sampling results to determine whether more immediate remedial action (Interim Corrective Measures) ICMs is needed.

**I Realize These are Complex Issues** and a great deal of unfamiliar terminology is used. I encourage you to attend the future meetings and workshops and meetings that will be announced to better understand the RCRA process and you opportunities to give feedback to FMC and the Agencies. In the meantime, I can be reached at the plant at 735-3761, Ext. 364 with your questions or concerns.

*Brian D. Vain*

## Public Availability Sessions Held at Fire Hall



Thirty-three people attended the two public availability sessions held August 2, 2005 by the Agencies and FMC at the Middleport Fire Hall in response to the meeting notices and special invitations sent to all district residents, the Royaltan-Hartland Board of Education, local elected

officials, the CAP and the Middleport Remediation Advisory Group. The two sessions, dealing with groundwater and potential soil vapor issues, began with a presentation on groundwater basics by Dr. Kelly McIntosh of Geomatrix Consultants. Representatives of the governmental regulatory Agencies and FMC were also present to answer questions from residents. For a copy of the presentation slides call 735-3761, Ext. 289.



## FMC Supports "Battle of the Books" at Library

*Congratulations to Genivieve Gagne, Kathryn Stoddard, Marty Schwartzkopf, and Brittany Manecki, the four winners of the Middleport Library's "Battle of the Books" held this summer. Twenty-two student readers signed up for the contest, read the four required books and competed in the trivia contest in August. FMC's donation made possible four \$25 Target gift certificates for each of the winners to be used for books or CDs, and pizza for everyone after the trivia contest.*



More information on  
[www.teapothollow.com](http://www.teapothollow.com)  
Middleport's Web site

## FMC Community Connection

*Please take a moment to share your thoughts on the enclosed comment card.*

Each returned comment receives a personalized follow-up response.

Comments are shared with elected officials and FMC staff. Topics from comment cards have covered:

**THE ENVIRONMENT  
HEALTH AND SAFETY  
THE FUTURE OF FMC  
PLANT OPERATIONS  
PRESENTATION/TOUR REQUESTS**

## ANNUAL FIRE SAFETY TRAINING ONSITE

All plant employees attended the annual fire extinguisher refresher course taught by Ed Doran of FMC's onsite Emergency Response Team. Under supervision by the Team, each employee practiced extinguishing a fire in a controlled situation. Ed also explained and reviewed the basic ways to keep the home and workplace safe.

## Fall Plant Tour Scheduled



### FMC MIDDLEPORT PLANT TOUR

A tour of FMC's Middleport formulations plant will be held: Wednesday, November 30 at 6 p.m. Call 735-3761, Ext. 289 to register.

## **Study Results Mailed to Property Owners in Air Deposition Study and Tributary/Culvert Areas**

Results from the 2004 soil sampling activities conducted in the historic air deposition and tributary/culvert areas were sent to property owners this summer and fall.

The sampling programs were conducted as part of the environmental study of areas around the FMC Middleport plant that may have been impacted by arsenical pesticide manufacturing operations that occurred prior to 1974.

FMC sent sampling results and Question-and-Answer guides with information about the results and what the next steps in the environmental study process will be.

FMC and the governmental regulatory

Agencies (the U.S. Environmental Protection Agency [USEPA] and the New York State Departments of Environmental Conservation [NYSDEC] and Health [NYSDOH]) have evaluated the sampling data and determined that limited additional sampling in these areas is needed, which will be conducted this fall.

When the Agencies determine that the investigation is complete, FMC will evaluate the sampling data, along with the data from other areas that have been investigated under the RCRA corrective action program. The results of this evaluation will be submitted to the Agencies for review and made available for public comment before making decisions on any remedial actions.

FMC believes it will likely take several years to reach a final remedial decision for the potentially affected soils in these areas.

### **Q/A**

*Copies of the Q/A guides  
are available online at  
[www.teapothollow.com](http://www.teapothollow.com).*