

**NEW YORK STATE
DEPARTMENT OF**



**ENVIRONMENTAL
CONSERVATION**

Dear Interested Citizen:

This fact sheet is to inform you about proposed activities associated with the Erdle Perforating Company site. If you have any questions or would like more information, please do not hesitate to contact:

Ms. Nicole M. Bonsteel
NYSDEC Project Manager
625 Broadway, 12th Floor
Albany, NY 12233-7013
(518) 402-9818 or
(888) 459-8667

Mr. Matthew Gillette
NYSDEC Project Manager
Region 8 Office
6274 E. Avon-Lima Rd.
Avon, NY 14414
(585) 226-5308

For site-related health questions,
please contact:

Ms. Melissa Menetti
NYSDOH Project Manager
Flanigan Square, Room 300
547 River Street
Troy, NY 12180-2216
(800) 458-1158, ext. 2-7860

Mr. Joseph Albert
Monroe County DOH
111 Westfall Road
P.O. Box 92832
Rochester, NY 14692
(585)-753-5904

FACT SHEET

Erdle Perforating Company Site

**ADDITIONAL ENVIRONMENTAL SAMPLING
TO BEGIN IN THE VICINITY OF THE ERDLE
PERFORATING COMPANY SITE -
TOWN OF GATES, NY
Site # 8-28-072
FEBRUARY 2007**

Introduction

The New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH), collectively referred to as the State, are issuing this fact sheet to announce the start of additional environmental sampling in the vicinity of the Erdle Perforating Company site, located at 100 Pixley Industrial Parkway in the Town of Gates, Monroe County, New York. The Site is located within an industrial area and located north of the Conrail railroad tracks, an undeveloped marsh area, and a developed residential area. The goal of the sampling is to assess the potential for soil vapor intrusion (process by which volatile chemicals move from a subsurface source into the indoor air of an overlying building). See reference for the Soil Vapor Intrusion: Frequently Asked Questions sheet for further information.

Site Background

The Erdle Perforating Company site (the Site) was developed in 1968 and has since operated as a facility specializing in sheet metal perforation. From the 1970's to 1987, Erdle Perforating Company (Erdle) collected waste trichloroethene (TCE) prior to its off-site disposal in an underground storage tank located southwest of the facility building. TCE is a solvent degreaser typically used to clean metal parts. In 1987, the underground storage tank was removed from the Site after it was determined to have leaked into on-site soils and groundwater. To further investigate and remediate the TCE spill, Erdle entered into an Order on Consent (the Order) with the NYSDEC in 1994.

Under the terms of the Order, Erdle conducted multiple site investigations to assess the contamination associated with the former leaking underground storage tank. At the request of the State, Erdle installed off-site monitoring wells downgradient of the Site to assess the off-site groundwater quality. Groundwater samples collected from the monitoring wells revealed that off-site groundwater is contaminated with volatile organic compounds. To assess the potential for soil vapor intrusion from the off-site contaminated groundwater, Erdle was requested by the State to perform soil vapor intrusion sampling within the developed residential area located south of the Site. In response to the request, Erdle conducted limited off-site soil vapor intrusion sampling in 2005.

Based on the findings of Erdle's sampling, which included the collection of indoor air, outdoor air and sub-slab vapor samples (air sample collected beneath the building's foundation) at three (3) residential properties, the State determined that further investigation was needed to evaluate the potential for soil vapor intrusion and potential human exposures at nearby residential structures.

Proposed Soil Vapor Intrusion (SVI) Study

Starting in March 2007, the NYSDEC and the NYSDOH will be performing additional sampling to determine the extent to which site-related volatile organic compounds have migrated from the groundwater into the overlying buildings (a process known as soil vapor intrusion) and to address potential human exposures associated with the soil vapor intrusion. The proposed sampling, referred to as structure sampling, will include the collection of outdoor air, indoor air, and sub-slab vapor samples (air samples collected from beneath the building's foundation) at residential properties. Structure sampling will be conducted during the heating season because soil vapor intrusion is more likely to occur when a building's heating system is in operation and the doors and windows are closed.

The samples will be analyzed for volatile organic compounds, including trichloroethene. The State will soon be contacting property owners located within the proposed study area to determine their willingness to participate in the soil vapor intrusion study. The initial residential property locations proposed for sampling were identified based on their proximity to the Erdle Perforating Company site and elevated groundwater concentrations detected during off-site groundwater sampling. The State plans to complete the proposed structure sampling within the 2007 heating season. The study area that will be included in this phase of the investigation is depicted on Figure 1. Based on the State's evaluation of the sample results of this study, the current area of investigation may be expanded.

An informal community meeting will also be held where the NYSDEC and NYSDOH will present the results of the Study, discuss any additional required activities and/or investigations, and address community concerns and comments.

If you are located in or near the proposed study area and would like to be put on the sample request list, please contact Ms. Nicole M. Bonsteel of the NYSDEC at (888) 459-8667. All reasonable efforts will be made to sample properties within the study area whose owners have requested sampling.



Figure 1 - Proposed SVI Study Area

Note, however, that being on the sample request list does not guarantee that your residence will be sampled. The fact that you are asked for permission to test within your house does not mean that the air within your house is being impacted by subsurface sources. At this time, we are sampling to determine the potential for contaminated groundwater to impact indoor air quality through soil vapor intrusion.

Project Document Repositories

Public understanding and involvement are important to the success of New York's hazardous waste remedial program. To keep you informed, NYSDEC distributes fact sheets, similar to this one, and places Site documents for your review in local repositories. The NYSDEC has established Document Repositories for the Erdle Perforating Company site at the following locations:

Gates Public Library
1605 Buffalo Road
Rochester, NY 14624
(585) 247-6446
Hrs: M-Th 10:00am - 9:00pm
Fr 10:00am - 6:00pm
Sat 10:00am - 5:00pm

By Appointment at:
NYSDEC Central Office
625 Broadway
Albany, NY 12233
(518) 402-9818 or
(888) 459-8667

By Appointment at:
NYSDEC Region 8 Office
6274 E. Avon-Lima Road
Avon, NY 14414
(585) 226-2466

Additional Information

Additional Information can also be found in the following printed materials contained on the NYSDOH website found at:

http://www.health.state.ny.us/environmental/investigations/soil_gas/svi_guidance/docs/svi_appendh.pdf

Soil Vapor Intrusion: Frequently Asked Questions Sheet

- Describes the process referred to as "soil vapor intrusion"

What is exposure? Information Sheet

- Describes how a person may come into contact with chemicals in the environment

Should you have any comments or questions, or if you know someone who would like to be added to the project mailing list, please send in the attached mailer or contact one of the staff listed on this fact sheet. You do **not** have to return the mailer if you received this fact sheet in the mail; your name will automatically remain on the mailing list. Because our mail list includes property owners, we encourage you and any building owners to share this fact sheet with neighbors, tenants, and employees.

NYSDEC Mailer

Please feel free to use this mailer for any of the following purposes:

- _____ 1. You would like to be placed on the NYSDEC's Erdle project mailing list.
- _____ 2. You would like to include the name and address of someone you know who may be interested in receiving future fact sheets.
- _____ 3. You would like to be taken off the NYSDEC's Erdle project mailing list.
- _____ 4. You would like to provide us with a change of name or address. If you move, fact sheets are NOT automatically forwarded to your new address.
- _____ 5. You would like to provide us with a comment or question (please specify below).

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Please complete the form as indicated below, fold and mail directly to:

Ms. Nicole M. Bonsteel
NYSDEC Project Manager
625 Broadway, 12th Floor
Albany, NY 12233-7013

Add the following name(s):

Delete the following name(s):

Make the following changes:

(Old) _____ (New) _____

-----**FOLD**-----

Comments or Questions:

Nicole M. Bonsteel
New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau D
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Albany, NY 12233 - 7013