

**NEW YORK STATE
DEPARTMENT OF**



**ENVIRONMENTAL
CONSERVATION**

Dear Interested Citizen:

The purpose of this fact sheet is to inform you of the completion of the remedial design and the beginning of construction activities at the William Benson Landfill site located at 7440 Richmond Road, in the Town of Livonia, in Livingston County. If you have any questions or would like more information, please do not hesitate to contact (see last page for contact information):

Mr. Wayne Mizerak
NYSDEC
Project Manager

or

Lisa A. LoMaestro Silvestri
NYSDEC
Citizen Participation Specialist

For site related health questions, please contact the following New York State Department of Health representative (see last page for contact information):

Charlotte Bethoney
NYSDOH
Public Health Specialist II

Fact Sheet

Work to begin at William Benson Landfill May 2003

INTRODUCTION

The New York State Department of Environmental Conservation (NYSDEC), in cooperation with the New York State Department of Health (NYSDOH), announces that the construction of the engineered cap for the William Benson Landfill is expected to begin in June 2003. An engineered cap consists of several components (i.e. gas venting layer, low permeability layer, drainage layer, barrier protection layer, and top soil layer) stacked on top of the landfill waste mass. During the summer and fall of 2002, the excavation and stockpiling of the soils needed to construct the engineered cap was completed. The purpose of the engineered cap is to cover the waste mass and minimize infiltration of groundwater. The components of the remedial design for the engineered cap include: (1) analysis of the hydraulic pressure under the engineered cap to insure its structural integrity; (2) an engineered cap meeting the requirements of the NYCRR Part 360—the law which regulates solid waste landfill closures; (3) the development of an operation, maintenance, and monitoring (OM&M) plan for the cap; and (4), an analysis of the off gases from the venting system will be performed to ensure that the system is functioning properly and is safe to human health and the environment. Off gases are the gases that decomposing garbage gives off. Off gases will also include any waste materials that readily evaporate.

THE NEXT STEPS

It is expected that the construction of the engineered cap/landfill cover system will be completed by September 2003. Where necessary, surface soils will be seeded to protect against erosion and to re-vegetate disturbed areas. Towards the completion of the construction, an operation, maintenance, and monitoring (OM&M) plan will be developed. This will specify the inspection, mowing, and sampling schedules that will be implemented after the construction has been completed. The OM&M will be implemented by SUNY Oswego and the NYS Department of Transportation. The off gas analysis will take place between six months to a year after the completed construction of the engineered cap.

SITE DESCRIPTION AND BACKGROUND

The William Benson Landfill site is located at 7440 Richmond Mills Road in the Town of Livonia (see attached map). The landfill is approximately 8 acres in size. This site was an active landfill from approximately 1970 to 1984, accepting residential, commercial and industrial wastes. Records show that unknown quantities of benzoyl peroxide sludge, and approximately 40 tons of organic

(carbon-containing) and inorganic chemicals were disposed of at the site. A layer of soil was then placed over the landfill and no further waste disposal occurred at the site.

From 1998-1999, the landfill was the subject of a Remedial Investigation and Feasibility Study to determine the nature and extent of contamination associated with past disposal practices. The Remedial Investigation revealed groundwater contamination within the immediate vicinity of the landfill. In March 2000, the NYSDEC issued a Record of Decision declaring construction of a comprehensive cover system as a means of addressing the identified contamination. In April 2002, the State entered into a Consent Decree (a legal agreement) with various potentially responsible parties including Atochem North America, Champion

Products, and others to implement the selected remedy. The design of the remedy has been approved.

Consistent with the conditions set forth in the consent decree, the soils needed to construct the engineered cap were obtained from the northeast portion of the William Benson farm. The soils were excavated and screened of stones, roots, etc. to the degree necessary to meet the soil specifications for each portion of the engineered cap. The soils were stockpiled over the winter in a manner which prevented wind and water erosion.

FOR MORE INFORMATION

Two locations have been established as document repositories to provide you with access to project information. Several reports are currently available for review at the following locations:

Livonia Public Library
2 Washington Street
Livonia, NY 14487
(585) 346-3450

Hours: Mon. & Tues.-1 - 8:30 pm
Thurs. & Fri. 10 - 8:30 pm
Sat. - 10 - 3:00pm

Contact: Ms. Karen Deutsch

NYSDEC Region 8 Headquarters
6274 E. Avon-Lima Rd.
Avon, NY 14414-9519
(585) 226-5326

Hours of Operation:
Mon.-Fri. - 8:30am-4:45pm

Contact: Lisa A. LoMaestro Silvestri
E-Mail: lasilves@gw.dec.state.ny.us

CONTACTS

For project related questions:

NYSDEC Central Office
Div. of Environmental Remediation
625 Broadway, 11th Floor
Albany, New York 12233-7017
(518) 402-9670

Contact: Wayne Mizerak
E-mail: wjmizera@gw.dec.state.ny.us

For health related questions:

NYSDOH
Bureau of Environmental Exposure Investigation
Flanigan Square
547 River St., Troy, NY 12180-2216
(518) 402-7860 or call
1(800) 458-1158 ext. 2-7860

Contact: Charlotte Bethoney
Email: cmb18@health.state.ny.us

You are encouraged to contact the people listed at any time with questions, comments or concerns.