

New York State Department of Environmental Conservation

Division of Environmental Remediation, Region One

Building 40 - SUNY, Stony Brook, New York 11790-2356

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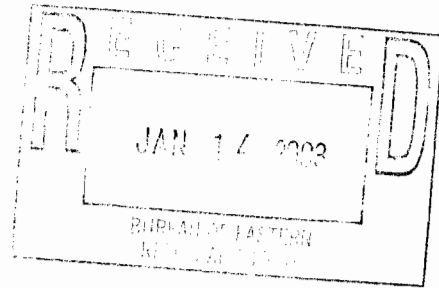
Website: www.dec.state.ny.us



Erin M. Crotty
Commissioner

January 10, 2003

Michael Roux
Roux Associates, Inc.
1377 Motor Parkway
Islandia, NY 11749



Re: Final RI Work Plan Fact Sheet
Gent Uniform; Site #130056

← File

Dear Mr. Roux:

Please see the attached final RI work plan fact sheet. After we have agreed on a site figure to add to the fact sheet, please distribute this fact sheet to the public contact list in the July 12, 2002 RI work plan plus the list of citizens that you recently sent me.

Please remove Bruce MacKay, NCDOH from the contact list and replace it with Joseph DeFranco, NCDOH at the same address.

As with all fact sheet mailings, some of the fact sheets will be returned to you in the mail. Please update the contact list by removing those addresses which were incorrect. We will be using the contact list again during this project.

Please call me at (631) 444-0244 if you have any questions.

Sincerely,

Robert R. Stewart
Environmental Engineer I

Enclosure

cc: W. Parish
G. Heitzman
R. Mitchell, NYSDOH
J. DeFranco, NCDOH
M. White, White & Kretzing



*For More Information
Contact:*

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**Gent Uniform Rental Service
Town of Hempstead,
Nassau County
Site Number 1-30-056
Remedial Investigation Work Plan
Fact Sheet - January 2003**

A remedial investigation work plan has been prepared for the Gent Uniform Rental Service Inactive Hazardous Waste Disposal Site. The remedial investigation work plan is available for public review at the document repositories listed at the end of this fact sheet. The work plan describes the scope of a remedial investigation requested by the New York State Department of Environmental Conservation as part of its inactive hazardous waste disposal site remediation program. The main purposes of this remedial investigation are to determine the effectiveness of past measures to address environmental contamination on the site and to evaluate offsite contamination, if any. Field work for the remedial investigation is scheduled to begin in January 2003.

Site Description and Background: The Gent site is located at 5680 Merrick Road, Massapequa, in the Town of Hempstead, Nassau County New York and is currently occupied by Gent Uniform Rental Corporation. The site is located in a mixed commercial and residential setting. There is one two-story building located along the western property border. This building covers approximately half the property, and the remainder of the property is covered with an asphalt parking lot. The uniform rental operation used tetrachloroethene for dry cleaning uniforms beginning in 1979. Tetrachloroethene, a common dry-cleaning chemical, is also called perchloroethylene, perc, or PCE. Past operations at the site have resulted in PCE contamination of onsite soil and groundwater as well as of groundwater beyond the boundaries of the site. Gent Uniform no longer uses PCE in its operations.

The Nassau County Department of Health began an investigation of this area after finding PCE in a private well directly south of the site. Investigations in 1989 and 1990 found PCE in groundwater located in the southwest corner of the Gent property. A 1996/1997 preliminary site assessment performed for the New York State Department of Environmental Conservation (DEC) revealed high levels of PCE in soil and the shallow groundwater beneath the Gent building.

The site owner installed an air sparge/soil vapor extraction system in 1997. This system was located in the vicinity of a former cesspool and grease trap beneath the building. In an air sparge/soil vapor extraction system, air is pumped into groundwater contaminated with volatile organic compounds such as PCE. Air bubbles capture the volatile contaminants and carry them to the soil above the water table. The soil vapor extraction portion of the system applies a vacuum at several points

located in the soil above the water table. The vacuum removes the contaminants forced into the soil by the sparging system, as well as contaminants located in the soil itself. Data from the site indicate that this system has been effective in remediating most of the onsite soil and groundwater contamination. The site owner has also excavated areas of soil contamination.

The site owner performed supplemental site investigations from 1990 to 2000 to characterize the nature and extent of tetrachloroethene detected in groundwater. These investigations included installation of nine monitoring wells and numerous soil borings that located limited areas in which soil and groundwater have been contaminated with tetrachloroethene.

Remedial Investigation Work Plan: Under a 2001 consent order between Gent and DEC, Gent will perform a remedial investigation. The objectives of this investigation are to confirm the effectiveness of the onsite remedial work completed to date without Department oversight and to investigate offsite groundwater.

Post-remedial conditions on the site will be evaluated by collection of groundwater samples from eleven existing onsite monitoring and water supply wells. Groundwater samples will be analyzed for volatile organic compounds (VOCs) by a New York State Department of Health certified laboratory. Three soil borings will also be made onsite. Subsurface soil samples from each soil boring will be collected and analyzed for VOCs.

Potential offsite contamination will be evaluated with four groundwater sampling locations. Groundwater will be sampled at each location in 15-foot intervals from the water table to the top of a suspected confining unit (approximately 80-feet below land surface) using Geoprobe® groundwater sampling equipment. Groundwater samples will be analyzed for VOCs. Depending on the results of this sampling, the construction of permanent off-site monitoring wells and additional off-site groundwater sampling may be necessary to further define the offsite groundwater contamination.

Once the results are available, a remedial investigation report will be prepared and placed in the document repositories. If results of the remedial investigation warrant, a feasibility study to assess remedial alternatives will also be prepared. DEC will select a preferred remedial alternative and present it to the public for review and comment in a proposed remedial action plan. After public comments have been considered, DEC's final decision with regard to this site will be documented in a record of decision. Fact sheets will be distributed to the site contact list at significant milestones during the process.

Health/Exposure Assessment: Most of the contaminated soil at the site was beneath the building's concrete floor which limited the potential for exposure. The air sparge/soil vapor extraction system has significantly reduced the potential for exposure to site-related soil and vapor contamination. An on-site supply well has provided water for Gent's laundering operations, but has not been used to supply potable water to the facility. Gent gets its potable water, as does the area near the site, from the public water supply, which is regularly tested and must meet strict federal, state and county standards. Anyone using a private well in the vicinity of the Gent site is urged to contact the Nassau County Department of Health at 516-571-3402.

Document Repository: The public is encouraged to review the remedial investigation work plan and the associated documents. These documents are available for public review at the following locations:

NYSDEC Region 1 Headquarters
Division of Environmental Remediation
SUNY Campus, Building 40
Stony Brook, New York 11790
(631) 444-0240
M-F 8:30 am – 4:45 pm

Massapequa Public Library
40 Harbor Lane
Massapequa Park, New York 11762
(516) 799-0770
M-Th 9:00 am – 9:00 pm, F 9:00 am – 6:00 pm
Sa 9:00 am – 5:00 pm, Su 1:00 pm – 5:00 pm