



Erin M. Crotty  
Commissioner

**FACT SHEET  
VOLUNTARY CLEANUP INVESTIGATION  
TO BEGIN AT MATERIALS RESEARCH CORPORATION SITE**

**Materials Research Corporation (MRC) Voluntary Cleanup  
Orangeburg, Rockland County, New York**  
Site No. V-00317-3  
October 2001

**RECEIVED**  
OCT 25 2001

**INTRODUCTION**

In October 2001, the New York State Department of Environmental Conservation (NYSDEC) and Sony Electronics, Inc. signed a Voluntary Cleanup Agreement to conduct a detailed environmental investigation at the MRC Site. The 2.79 acre site is located at 542 Route 303 in Orangeburg, Rockland County. This area is characterized by mixed residential, commercial and light industrial land use and there is a railroad immediately west of the site. Please see the enclosed site location map. MRC moved to Orangeburg in 1960 and constructed the original facility which is built on a concrete slab. In 1969 and 1980, additions were made to the building. Prior to 1960, the site is believed to have been vacant. In 1999, Praxair Surface Technologies, Inc. bought MRC from Sony Electronics Inc. The MRC building is predominantly used for the manufacturing of metals, with a small area for office space. The manufacturing process is expected to continue.

MRC purchases raw metals and increases their purity, alloys them, and physically changes their shape to produce targets for sputtering, a process by which metals are deposited as thin film onto the surface of substrates such as CDs and optical devices. Up until 1993, 1,1,1-Trichloroethane (1,1,1-TCA) was used for degreasing purposes at the MRC facility. 1,1,1-TCA is classified as a volatile organic compound (VOC) and is used in many commercial products, mostly to dissolve other chemicals. After 1993, isopropyl alcohol and deionized water have been used for degreasing purposes along with an ultrasonic cleaning process. An October 1999 Due Diligence Assessment Report conducted by Hydro-Logic Associates, Inc. revealed that groundwater samples taken from the site contain VOCs, such as 1,1,1-TCA, that exceed NYSDEC groundwater standards.

**SITE INVESTIGATION**

The investigation to be conducted at the MRC Site is called a Voluntary Cleanup Investigation and is implemented under the provisions of the Voluntary Cleanup Program (VCP). The VCP was established in New York to address the environmental, legal, and financial barriers that often hinder the redevelopment and reuse of contaminated properties. Fieldwork for the investigation will begin during late October 2001 and should be completed within three weeks. Copies of the February 2001 Workplan produced by Leggette, Brashears, & Graham, Inc., consultants to the Volunteer, are available for your review at the document repositories listed below.

The goal of the investigation is to determine the nature and extent of contamination in the soil, better define the VOC groundwater plume, and identify any and all source areas, as well as potential threats

to public health and the environment. A groundwater plume is an area of chemicals moving away from its source. Soil and groundwater samples will be collected from areas near loading docks located at the southern side of the building, the hazardous materials storage area located at the western side of the building, the up-gradient northwest portion of the site to determine if the VOC groundwater plume is originating from an off-site source, and the down-gradient southeast portion of the site to determine if the VOC groundwater plume is heading off-site. Please refer to the February 2001 Workplan or the reverse side of the site location map for a map of previous and proposed sampling points.

The NYSDEC and New York State Department of Health (NYSDOH) will analyze the investigation results and determine what remediation, if necessary, should be undertaken at the site.

### **YOUR OPPORTUNITIES TO BE INFORMED AND INVOLVED**

The NYSDEC will keep you informed of the findings and any clean-up plans. NYSDEC encourages your participation in the project. Your understanding and involvement can help ensure a remedial program that effectively protects public health and the environment. The following three document repositories provide access to information about the site:

**NYSDEC**  
Regional Headquarters  
21 South Putt Corners Rd.  
New Paltz, NY  
12561-1696  
Phone (845) 256-3154  
M-F, 8:30 am to 4:45 pm

Orangeburg Public Library  
20 South Greenbush Road  
Orangeburg, NY  
10962-2204  
Phone (845) 359-2244  
M-Thurs., 10 am to 9 pm  
F-Sat., 10 am to 5 pm  
Sun., 1 pm to 5 pm

Town Hall  
Charlotte Madigan  
Town Clerk  
26 Orangeburg Road  
Orangeburg, NY 10962  
Phone (845) 359-5100  
M-F, 8:30 am to 4:00 pm

The documents currently available for public review are the Voluntary Cleanup Agreement dated September 2001 and the approved Workplan of February 2001. As the investigation progresses and additional reports are generated, they will be placed in the document repositories.

**For questions regarding the environmental investigation:**

Champanine Saviengvong, Project Engineer, NYSDEC, 625 Broadway, 11<sup>th</sup> Floor, Albany, NY 12233-7015, Phone No. (518) 402-9621 or 1-800-342-9296

**For Health related concerns:**

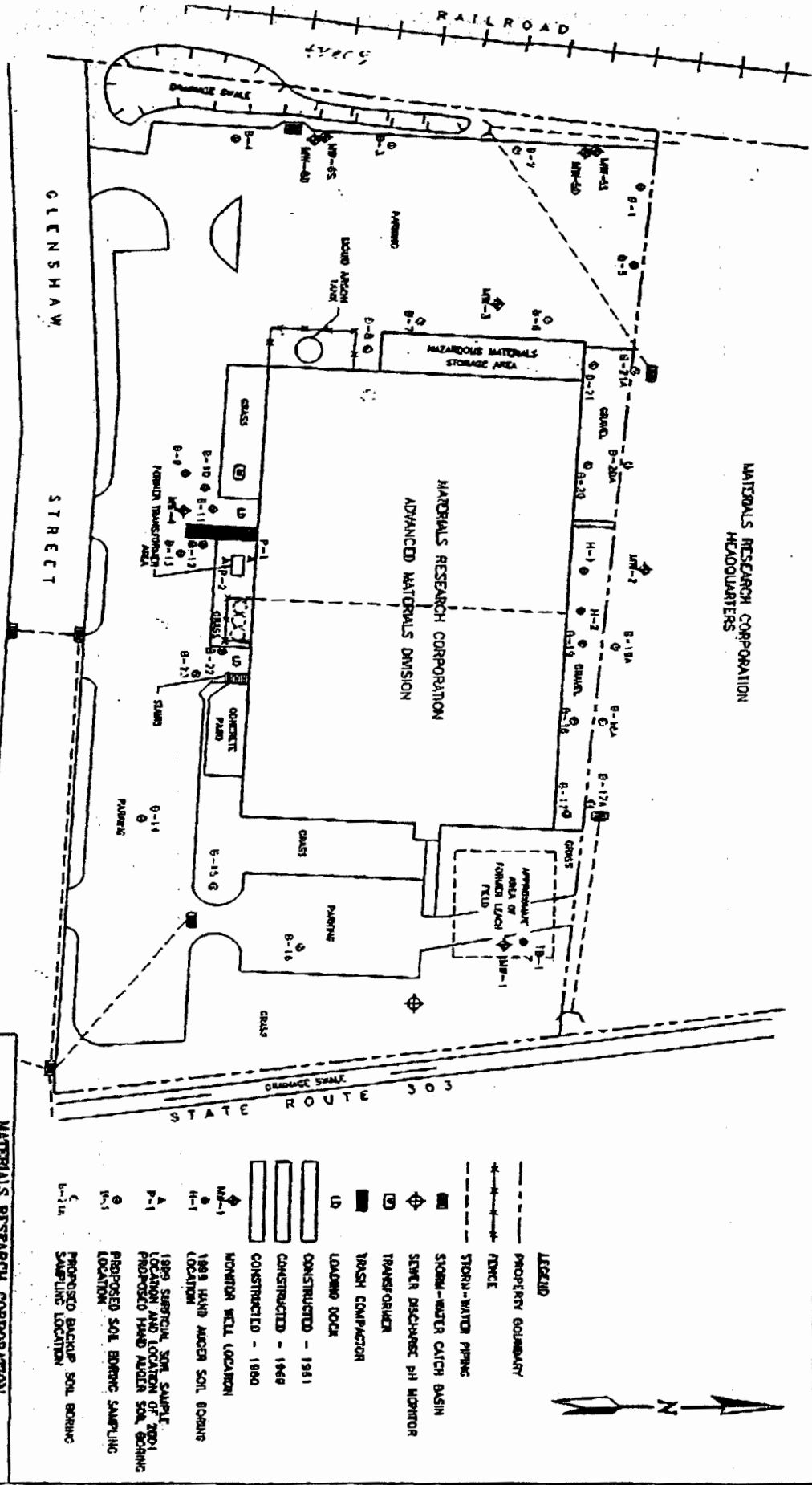
Stephanie Haskins, Environmental Health Specialist, NYSDOH, Flanigan Square, 547 River Street, Room 300, Troy, NY 12180, Phone No. 1-800-458-1158 ext. 27880

Mark VanDeusen, Outreach Coordinator, NYSDOH, Flanigan Square, Room 316, 547 River Street, Troy, New York 12180, Phone No. 1 800 458-1158 ext. 27530

**Citizen Participation:**

Michael Knipfing, NYSDEC Region 3, 21 South Putt Corners Rd., New Paltz, NY 12561-1696, Phone No. (845)256-3154





**MATERIALS RESEARCH CORPORATION**  
**ADVANCED MATERIALS DIVISION**  
 542 ROUTE 303  
 ORANGETOWN, NEW YORK

**LOCATIONS OF PREVIOUS AND PROPOSED SAMPLING POINTS**

DATE	ANALYST	PROPOSED BY

LABORER: MARYBETH A. CRAMER, INC.  
 125 Main Street, Orangeburg, NY 11969  
 516-534-1111