



**C&D POWER SYSTEMS
(C&D BATTERIES)**

Meeting Date and Location:

March 7, 2002, 7:00 pm
Deerpark Town Hall

Public Comment Period:

February 16, 2002 through
March 17, 2002

Send Written Comments to:

Alicia Thorne
Project Manager
NYSDEC Central Office
11th Floor
625 Broadway
Albany, NY 12233-7015

Local Document Repositories:

Port Jervis Library
138 Pike Street
Port Jervis, NY 12771
(845) 856-7313
Mon. & Thurs., 10 am - 9 pm
Tues., Wed., & Fri, 10 am - 9 pm
Sat. 9 am - 5 pm

Town Clerk
Deerpark Town Hall
Drawer A
420 Rt. 209
Huguenot, NY 12746
(845) 856-5705
Mon. - Fri., 8 am - 4 pm

NYSDEC, Region 3 Office
21 South Putt Corners Rd
New Paltz, NY 12561
(845) 256-3154
Mon. - Fri., 8:45 - 4:45 pm

FACT SHEET

**C&D POWER SYSTEMS (C&D BATTERIES)
OPERABLE UNIT NO. 1**

INACTIVE HAZARDOUS WASTE DISPOSAL SITE

Site No. 3-36-001

February 2002

PUBLIC MEETING ANNOUNCED

The community is invited to attend a public meeting on **March 7, 2002 at 7:00 pm** in the **Deerpark Town Hall** to discuss the proposed cleanup of Operable Unit No. 1 of the C&D Power Systems (C&D Batteries) site. This meeting, sponsored by the New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH), will present the **Proposed Remedial Action Plan (PRAP)** for remediating the soil contaminants on-site. The NYSDEC will present several alternatives which were evaluated to address this contamination, along with the rationale for recommending the proposed alternative. Release of the Proposed Remedial Action Plan (PRAP) initiates the process for finalizing the remedy selected for this operable unit.

During the March 7, 2002 meeting, the NYSDEC will accept comments on the proposed plan. The NYSDEC will also accept written comments on the proposed plan through March 17, 2002. After considering both verbal and written comments on the proposed plan, the NYSDEC will select the remedy for Operable Unit No. 1 of the site and issue a Record of Decision (ROD).

SITE LOCATION

The C&D Power Systems (C&D Batteries) site is approximately 10 acres in size, and is located on Route 209 in Huguenot, Orange County. The site is in the Neversink River Valley, and is bordered on the west by Route 209, on the south by the Deerpark Town Hall, and on the north and east by a tributary to the Neversink River. (See Figure 1.)

BACKGROUND

From 1959 until at least 1968, the site was used by Empire Tube Corporation for the manufacture of black and white television picture tubes. In the manufacturing process, hydrofluoric acid was used to clean the picture tubes. Wastewater containing hydrofluoric acid was disposed of by Empire Tube Corporation in an on-site lagoon having a diameter of approximately 150 feet. In 1966, the NYSDOH filed a complaint against Empire Tube Corporation for the disposal of untreated sewage, industrial wastes and other wastes into the water of New York State. Violations of these standards reportedly occurred until 1968.

Over the years, several investigations of the former Empire Tube Corporation site have been conducted. In 1990, NYSDEC conducted sampling which revealed the presence of fluorides in groundwater at levels exceeding the State groundwater standards. In 1988 and 1989, a comprehensive investigation of the site for non-fluoride contaminants was conducted for NYSDEC by the environmental consulting firm of Gibbs & Hill, Inc. On the basis of fluoride contamination in the groundwater, NYSDEC determined that the site presented a threat to the environment" and classified the site as a Class 2 Inactive Hazardous Waste Disposal site. In 1992 NYSDOH performed testing of adjacent residential wells. No organic and no elevated inorganic contaminants were detected. In July of 1999, C&D Technologies, Inc., the current operator of the Site, entered into an Order on Consent with NYSDEC to conduct a Remedial Investigation (RI)/Feasibility Study (FS) at the site.

SITE INVESTIGATION

Between August 1999 and May 2001, a site investigation was performed by C&D Technologies Inc. under the supervision of the NYSDEC. A report entitled "Remedial Investigation Report," which describes the field activities and findings of the site investigation in detail, is available in the document repositories listed on page 1. The following is a summary of the findings:

Soils in the former lagoon were found to be contaminated with barium, cadmium, fluoride, lead, and polychlorinated biphenols (PCBs). Cadmium, fluoride, and PCBs were concentrated in the lagoon surface soils, while barium and lead were concentrated in the lagoon subsurface soils.

For on-site groundwater, fluoride was found to be the only significant contaminant of concern. Four out of five downgradient monitoring wells detected fluoride in concentrations above the NYSDEC Standards, Criteria, and Guidance values (SCGs). PCBs were detected above the SCGs in only one downgradient monitoring well.

A nearby off-site residential potable well located approximately 500 feet downgradient of the site was impacted with fluoride above the SCGs. Subsequent sampling found

no contamination above the drinking water standards. This well will continue to be monitored.

Based on the results of the RI, the Site was divided into two "Operable Units" or "OUs". An OU represents a portion of a site which for technical or administrative reasons can be addressed separately to eliminate or mitigate a release, threat of release, or exposure pathway resulting from the site contamination. OU1 is the subject of this PRAP addressing on-site soil contamination. Operable Unit No. 2 (OU2) will address potential off-site contamination, including surface water and sediments of the adjacent unnamed tributary to the Neversink River, and groundwater both on-site and off-site. A separate PRAP and ROD will be prepared for OU2 at a later date.

REMEDIAL ALTERNATIVES AND THE PROPOSED REMEDY

Five remedial alternatives were evaluated to address the soil contamination. The NYSDEC is proposing an alternative that would require the first six to eight feet of the lagoon soils (approximately 2,320 cubic yards (cy)) to be excavated and disposed of at an off-site licensed disposal facility. The remaining lagoon soils (approximately 2755 cy) would then be excavated to a depth of 14 feet or groundwater table, whichever is encountered first, and stabilized on-site with trisodium phosphate to transform the metal constituents into insoluble metal phosphate compounds. This treated soil would subsequently be placed back into the lagoon. The remaining excavated area would be backfilled with clean fill and a geomembrane liner/asphalt cap would be constructed to the existing grade of the surrounding areas. Institutional controls would be implemented, which would include deed restrictions to be recorded in the chain of title of the property to restrict the future use of the site for industrial use only, mandate the maintenance of the asphalt cap, and require notification of the NYSDEC when excavation of the capped area or beneath the building floor is planned to ensure that the stabilized soils placed below the cap remain undisturbed. In addition, a long-term groundwater monitoring program would also be conducted.

The estimated cost of the remedy would be \$2,360,000.

The rationale for the proposed remedy and descriptions of all alternatives that were evaluated can be found in the Proposed Remedial Action Plan, which is available for review in the Document Repositories listed on Page 1.

CITIZEN PARTICIPATION

The NYSDEC, in conjunction with the NYSDOH and C&D Technologies, Inc. is committed to establishing effective two-way communication with the public. The public is encouraged to make use of the Document Repositories and to comment on the Proposed Remedial Action Plan (PRAP), either during the March 7, 2002 Public Meeting, or during the February 16, 2002 through March 17, 2002 public comment period. Written comments, postmarked by March 17, 2002, should be sent to:

Ms. Alicia Thorne
Project Manager
NYSDEC Central Office
625 Broadway, 11th Floor
Albany, NY 12233-7015

After considering both verbal and written comments on the PRAP, the NYSDEC will select the remedy for this Operable Unit and issue the Record of Decision (ROD). When this happens, a copy of the ROD will be placed in the Document Repositories and a "Notice of ROD Availability" will be mailed to the site's contact list. A separate PRAP and ROD will be issued for OU2 at a later date.

For information about:

Environmental Concerns:

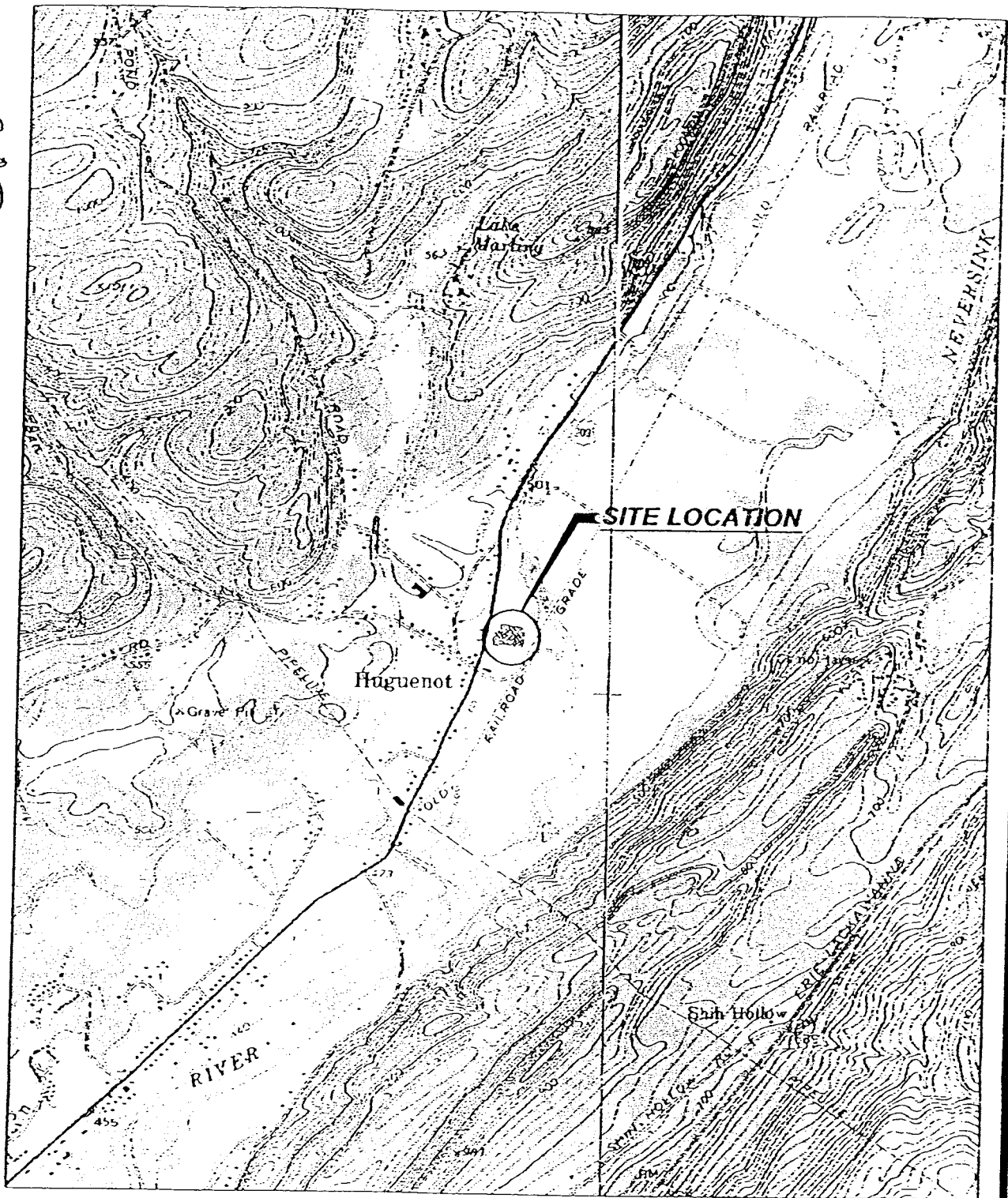
Alicia Thorne
Project Manager
NYSDEC Central Office
625 Broadway, 11th Floor
Albany, NY 12233-7015
(518) 402-9623, 1(800) 342-9296

Health-Related Concerns:

Mark Knudsen
Regional Toxics Coordinator
NYSDOH
21 South Putt Corners Road
New Paltz, NY 12561
(845) 256-3148
1(800) 458-1158 X27880

Citizen Participation:

Michael J. Knipfing
Citizen Participation Specialist
NYSDEC Region 3 Office
21 South Putt Corners Road
New Paltz, NY 12561
(845) 256-3154



MAP REFERENCE:
 PORT JERVIS NORTH & OTISVILLE
 USGS QUAD MAPPING

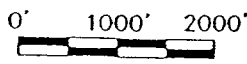


FIGURE 1

DEL AWARE
E ENGINEERING, P.C.

28 Madison Avenue Extension Phone 518-452-1290
 Albany, New York 12203 FAX 518-452-1335

SITE LOCATION MAP
 C & D TECHNOLOGIES
 NYS ROUTE 209
 HUGUENOT, NEW YORK

MAY 26, 00