NEW YORK STATE DEPARTMENT OF



ENVIRONMENTAL CONSERVATION

Proposed Remedial Action Plan for the Black Ash Pond an Environmental Restoration Project NYS Site No. E516009

### Main Document Repository

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### For More Information:

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# Proposed Remedial Action Plan

Presented on

February 28, 2007 7:00 p.m.

Willsboro Town Hall 1 Farrell Road Willsboro, Essex County

# Notice for Black Ash Pond Environmental Restoration Project

The New York State Department of Environmental Conservation (NYSDEC) is holding a **Public Meeting at 7:00 p.m. on February 28, 2007 at the Willsboro Town Hall** to present an update on the Willsboro Black Ash Pond, an environmental restoration project, located at the end of School Street in the Town of Willsboro, Essex County, New York (see map). The New York State Department of Environmental Conservation, the New York State Department of Health (NYSDOH), and the Town of Willsboro are pleased to announce the completion of the Proposed Remedial Action Plan.

## **Site History And Description**

The site, which is currently owned by the Town of Willsboro, was previously home to the Champlain Fibre Company, later known as the Willsboro Pulp Mill, which operated a pulp mill on the opposite side of the Boquet River from 1884 until 1964. The black ash pond area was used as a deposition area for spent black liquor used in the making of paper pulp. The black liquor was a combination of soda ash, chemical lime, wood fiber and soft coal. Over time, the dike constructed to retain the waste has eroded away in some locations. The ash is eroding directly into the river. This site is currently slated for redevelopment for recreational use and enhanced access to the Boquet River.

A Site Assessment has been performed which indicates that the wastes disposed of within the former black ash lagoon can be characterized as metal contaminated industrial wastes. Siltation from the eroding ash deposit could reduce and even eliminate trout and salmon spawning habitat in the River. High levels of siltation may result in the loss of developing fish eggs and sac fry during the spawning season, physical abrasion to gill breathing aquatic life, interruption of aquatic food chains, and transport of chemical

contaminants downstream. In addition, potential human exposure pathways exist at the site including direct contact, inhalation or ingestion of contaminated ash and ash dust by trespassers or persons accessing the Town boat launch and fishing access site. Recreational use of the Boquet River could lead to exposures via direct contact or ingestion, due to the migration of the ash into the surface water and sediments adjacent to and downgradient of the site. To eliminate or mitigate these threats the following proposed remedial action plan has been prepared.

## **Proposed Remedial Action Plan**

The NYSDEC proposes the following remedy to protect the flora and fauna of the Boquet River and allow the redevelopment of the site for recreational use without exposing the public to contaminants: Consolidation of the black ash, then covering the black ash material with a layer of clean soil combined with the construction of riverbank stabilization features. The riverbank stabilization would include construction of an earthen dike to an elevation which would prevent the river from coming in contact with the black ash area and the constructed wetland treatment system proposed by the Town. The earthen dike would be reinforced with rip rap. Natural plants, such as willow stakes, would be used on the face of the riverbank to provide a transition zone which would support the natural ecology but be resistant to erosion. An environmental easement would be imposed that would limit the future use of the site.

## **Citizen Participation Summary**

As part of its responsibility to inform and involve the public, the NYSDEC is and will continue to carry out citizen participation measures at this site. This meeting is the first step to keep the public informed. In addition, the NYSDEC will accept comments on the Proposed Remedial Action Plan through March 30, 2007. Comments may be presented at the public meeting or in writing to Mr. Daniel Eaton at the address below.

<u>Repositories:</u> Below are listed the places where the public can review the Proposed Remedial Action Plan and other relevant public documents regarding this site:

Willsboro Town Hall 1 Farrell Road Willsboro, New York (518)963-8668 Monday through Friday 9:00 AM to 4:00 PM NYSDEC Region 5 Headquarters Route 86 Ray Brook, New York (518)897-1241 Contact Russell Huyck NYSDEC Central Office 11<sup>th</sup> Floor, 625 Broadway Albany, NY 12233-7015 (518) 402-9620 Contact Daniel Eaton

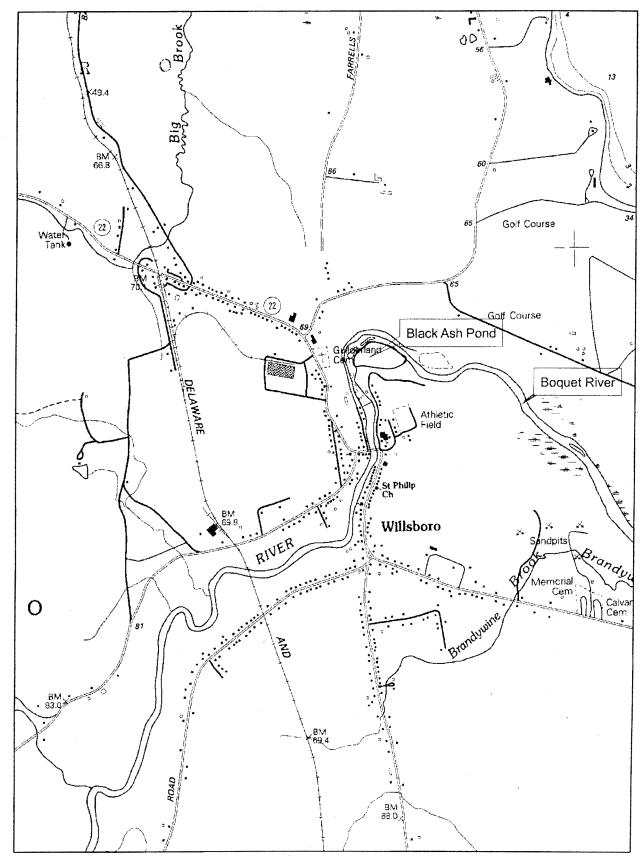


Figure 1 Willsboro Black Ash Pond Site Location Map