



# EPA Starts Field Work on Hudson River Portion of Quanta Resources Superfund Site

Community Update

November 2006

**Need more information?  
Here's three ways to get what  
you need:**

### Call

EPA personnel will be happy to answer your questions or add you to our Quanta site mailing list. You can call or write:

**Natalie Loney**  
Community Involvement Coordinator  
(212) 637-3639 or (800) 346-5009  
[loney.natalie@epa.gov](mailto:loney.natalie@epa.gov)

**Richard Ho**  
Remedial Project Manager  
(212) 637-4372  
[ho.richard@epa.gov](mailto:ho.richard@epa.gov)

### Read

You can review documents and reports on the Quanta site at EPA's information repository located at:

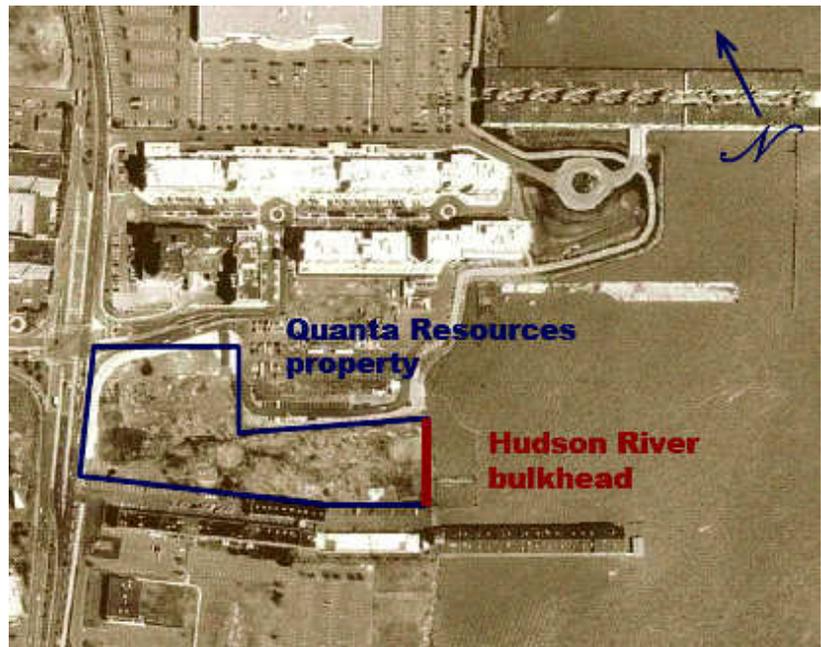
Edgewater Free Public Library  
49 Hudson Avenue  
Edgewater, NJ 07020  
(201) 224-6144

### Surf the net

EPA has information on the Superfund process, the Quanta Resources Superfund site and other hazardous waste sites in New Jersey on our website at:  
[www.epa.gov/region02/superfund](http://www.epa.gov/region02/superfund)

## SECOND PHASE OF QUANTA FIELD WORK BEGINS

Field work to determine the nature and extent of the contamination in the river portion of the Quanta Resources Superfund site began this fall. Field activities include collecting sediment samples, surface water samples and specimens of the organisms that live in the river sediment. This study will also be used to identify possible cleanup alternatives for the site. The first round of sampling is expected to be completed by early December 2006.



Aerial photo of Quanta Resources Superfund Site

## HEALTH PRECAUTIONS

While the immediate threats to human health were addressed by past clean up actions, hazardous substances still remain at the site. Trespassers are at risk from incidental ingestion of contaminated soils in the upland area and sediments in the

mud flats. Recreation, such as swimming, boating, jet-skiing, etc., in the Hudson River near the site is not recommended. NJDEP has issued a fish consumption advisory for certain species caught in the Hudson River. People are advised not to eat the fish and crab caught near the site. Additional information on fishing health advisories can be found on the New Jersey Department of Environmental Protection's webpage at: <http://www.state.nj.us/dep/dsr/njmainfish.htm>

### **WHAT TYPE OF CONTAMINATION IS FOUND AT QUANTA?**

Due to past industrial activities, groundwater underneath the site and adjacent properties is primarily contaminated with arsenic, chromium, lead, poly aromatic hydrocarbons (PAHs), and volatile organic compounds (VOCs). Soils at the site are predominantly contaminated with arsenic, chromium, lead, and PAHs. PCBs were detected at low levels in the soil in localized areas. Sediments near the site in the Hudson River contain elevated levels of arsenic, chromium, lead, PAHs, VOCs and coal tar creosote.

A large coal tar creosote plume, a dark thick, oily liquid that is often used as a wood preservative, in roofing material and road paving, exists in the subsurface soils at the site. It extends approximately, from north to south, beneath the southern portion of the City Place property, underneath the Quanta and 115 River Road properties, to the northern portion of the Unilever property; and from west to east, beneath a portion of the former Quanta property west of River Road to approximately 750 feet

into the Hudson River. At low tide, discharges of coal tar creosote from the mudflat and areas of the bulkhead are visible, creating sheens on the surface of the Hudson River.



Coal tar creosote sheens on the surface of the Hudson near Quanta

### **PUBLIC PARTICIPATION**

Public participation is essential to the success of the Superfund program. Through public meetings, availability sessions, mailings and information repositories, we are available to address your questions regarding the Quanta Resources Superfund site.

In addition, the Edgewater community has formed the Quanta Community Advisory Group of Edgewater (QCAGE). QCAGE provides all segments an opportunity to participate in the decision-making process for the Quanta Resources Superfund Site. For more information on QCAGE you can contact Jill Kleinman at: [jill.kleinman@gmail.com](mailto:jill.kleinman@gmail.com)