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## **Commitment to Environmental Stewardship at Former Manufacturing Plant Site**

Former manufacturing sites with environmental contamination can present significant challenges to companies and communities because of the need to cleanup the site and encourage productive future use. The Environmental Engineering, Remediation & Transactions (ERT) team of Pfizer Global Engineering is responsible for managing environmental remediation at the company's inactive sites and for supporting efforts to return idle sites to productive uses that benefit the communities in which they are located. The North Haven, Connecticut site is one current example of Pfizer's efforts to achieve these goals.

The former Upjohn manufacturing site in North Haven is a 78-acre site with environmental concerns resulting from manufacturing operations, including chemical production, dating back more than a century. Manufacturing ceased in 1993 and all buildings were decommissioned and demolished. From 1991 to 2007, extensive investigations of soil, sediment and groundwater were conducted with oversight from the U.S. Environmental Protection Agency and the Connecticut Department of Environmental Protection. A state-of-the-art groundwater extraction/treatment system was constructed at the site to prevent contamination of the adjacent Quinnipiac River. Pfizer took responsibility for the site when it acquired Pharmacia in 2003 and has invested considerable resources to fully understand site conditions and plan for site-wide remediation.

### **Site Cleanup Will Include Environmental Restoration**

Pfizer's future vision for the site, developed with significant input from the community, includes designating 17 acres for industrial/ commercial development and a possible sustainable energy project, while creating an ecological preserve with interpretive trails for public access on the eastern part of the site adjacent to the river. The redevelopment also includes plans to:

- Integrate site cleanup with redevelopment - install clean corridors for subsurface utilities, enhance open space to improve wildlife habitat;
- Conduct ecological restoration - restore upland meadow, expand freshwater wetlands; and
- Encourage low impact uses - green roofs, rain gardens, parking lot biocells.

The ERT team is helping local citizens understand how the vision for site renewal will fulfill Pfizer's responsibility to protect human health and the environment, while transforming the site into an asset for the town and Quinnipiac River region. This multi-faceted community outreach effort includes meetings and discussions with community officials, and the support of conservation groups, including:

- Local regulatory agencies;
- North Haven Town Council;
- North Haven Citizens' Advisory Panel;
- Quinnipiac River Watershed Association; and

- North Haven Land Trust.

Pfizer is also taking other steps to make a difference in the local community by actively supporting environmental and science education for local students from grade school through college, including support of the recent construction of local school science laboratories, and presentations and tours of the North Haven site to students from Yale School of Environmental Studies and local high school Environmental Science AP classes. Support has also been provided for community teacher training in science and math, and for local students majoring in environmental science.

ERT continues working closely with federal and state agencies to review cleanup methods and develop alternatives for the site. Ultimately, the EPA will select one of these alternatives and solicit public comments before making a final determination. This process will culminate with a public hearing that may be held as early as 2010. Pfizer continues to cooperate with regulatory agencies and reach out to community members so that the final site remedy will enhance the environment and benefit local residents.