

FORMER OWENS CORNING FACILITY SITE

160 Jackson Road • BERLIN, NEW JERSEY

This project update has been developed and produced by Owens Corning to keep the public informed about ongoing environmental investigations and remediation activities related to the site of the former Owens Corning facility in Berlin, NJ.

PROJECT BACKGROUND

The Owens Corning former Berlin, NJ site was entered into the Industrial Site Recovery Act (ISRA) program by Owens Corning when manufacturing operations ceased in October 1993. Site investigation activities, conducted in cooperation with and under the direction of the New Jersey Department of Environmental Protection (NJDEP), identified soil and groundwater impacts related to the former manufacturing operations. The identified impacts are primarily related to the historic use of DOWTHERM A™ (a heat transfer fluid), fuel oil, and various lubricants.

Ongoing Groundwater Investigation

As part of the ongoing environmental investigation, groundwater at the site has been, and continues to be, monitored for impacts resulting from the former manufacturing operation. This work is being conducted by ARCADIS, an independent environmental consulting firm working for Owens Corning.

In February/March 2012, results of groundwater samples collected off-site to the east of the property boundary found two constituents (1,1-Biphenyl and Diphenyl ether) related to DOWTHERM A™. According to NJDEP guidance, these findings triggered the need for Owens Corning to perform a well survey to identify potable wells within a defined distance of the impacts. The well survey began in early May.

Owens Corning is committed to protecting public health and the environment. We are pursuing three paths of action simultaneously:

- A well survey and testing program
- Testing to define the extent of groundwater impacts
- Development of remedial plans to address on-site and off-site conditions contributing to groundwater impacts

What Is A Well Survey?

The purpose of a well survey is to identify and test private water wells within a defined distance from the location of known impacts to groundwater. It is needed to ensure public health and safety is protected and to help determine the appropriate steps to provide safe drinking water.

Want More Information?

Call our Community Information Line at **1-888-827-0983**

Email us at: OCBerlin@owenscorning.com

Visit our website at occommunityinformationsite.com

UPDATE: Well Survey Results

As of August 20, 2012, Owens Corning has sampled 37 private potable wells as part of its ongoing well survey effort and with the consent of the respective property owners. The samples were sent to a NJ certified laboratory for analysis and a summary of the results is below.

6 wells tested in Berlin Township

✓ **All 6 wells met the applicable groundwater quality (GWQ) standards** for the DOWTHERM A™ constituents. Owens Corning shared these results with the respective property owners and no further action is planned at this time.

26 wells tested in Waterford Township

✓ **21 of the 26 wells met the applicable GWQ standards** for the DOWTHERM A™ constituents. Owens Corning shared these results with the respective property owners and no further action is planned at this time.

✓ **1 of the wells noted above contained levels of a constituent that is not the focus of the Owens Corning environmental investigation.** In accordance with regulatory requirements, Owens Corning notified the NJDEP and is providing assistance to the property owner to understand the options available to them through the state.

✓ **5 of the 26 wells contained levels of either one or both of the DOWTHERM A™ constituents above the applicable GWQ standards.** In accordance with NJDEP requirements, Owens Corning supplied bottled water within five days of receiving the laboratory results and is working directly with the property owners to establish an appropriate filtration system for their respective systems to serve as a long-term solution for their potable water needs.

5 wells tested in Evesham Township

✓ **All 5 wells met the applicable GWQ standards DOWTHERM A™ constituents.** Owens Corning shared these results with the respective property owners and no further action is planned at this time.

✓ **1 of the 5 wells contained levels of a constituent that is not the focus of the Owens Corning environmental investigation.** In accordance with regulatory requirements, Owens Corning notified the NJDEP and is providing assistance to the property owner to understand the options available to them through the state.

Defining Impacts to Groundwater Work Is Ongoing

In July, Owens Corning continued working to further delineate – or define – both the horizontal and vertical extent of impacts to groundwater related to the Owens Corning site, in accordance with NJDEP guidance. This is a necessary first step before we can design a remediation approach to address both on-site and off-site conditions contributing to groundwater impacts.

We collected groundwater samples from depths between 30 and 125 feet below ground surface at 23 locations throughout Berlin Borough and Waterford Township. As a result of this work, the northern and western boundaries of impacts to groundwater are now defined.

The next round of delineation sampling is being planned to help fill in data gaps along the southern boundary and to define the eastern boundary and the vertical extent of impacts. The locations will be within Waterford and Evesham Townships, based on our knowledge of area groundwater conditions and the impacts we have identified to date. Wherever possible, the locations will be on commercial property and within County or municipal rights-of-way to minimize impacts to private property owners.

We will continue to notify the appropriate municipal officials of this work as the work progresses. If you have any questions regarding field activities, please call the Community Information Line at (888) 827-0983.

Owens Corning's testing is focused on the two constituents of DOWTHERM A™

1,1-Biphenyl and Diphenyl ether

When results show levels of these materials above the applicable groundwater quality (GWQ) standards, Owens Corning will work with the property owner to address both near-term and long-term water supply needs for use with drinking and cooking.

Near-Term Solution

- Bottled water will be provided within 5 days and until a long-term solution is implemented (no more than 60 days).

Long-Term Solution

A filtration system is an effective long-term solution for addressing constituents related to the Owens Corning site and for ensuring safe, potable water related to these materials.

- Owens Corning has contracted with a local representative of Paragon Resource Management, Inc. to design, supervise and manage the installation and maintenance of a filtration system appropriate to the needs of the well owner.
- There is no cost to the property owner for these services.

Owens Corning Is Working with the Community

Owens Corning is committed to keeping well survey participants and the communities of Waterford Township, Berlin Township, Berlin Borough, and Evesham Township informed of our plans and activities.

- We plan to hold another Community Information Session in Fall 2012.
- On August 13, Owens Corning met with the Evesham Township Environmental Commission to provide a project overview and answer questions.
- On July 26, Owens Corning held a Community Information Session at the Atco Senior Center to give members of the community an opportunity to learn more about the ongoing groundwater investigation and well survey and have their questions answered directly by representatives of the Owens Corning team.
- On July 25, Owens Corning met with the head of the Waterford Township Environmental Commission to provide a project update and answer questions.
- We will continue to provide project updates to interested community members and officials throughout the process.