

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 trigger the need for Owens Corning to perform a well survey to identify the source of local drinking water within a defined distance of the impacts.

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.

Questions? Want More Information?

Please contact our toll-free Community Information Line for more information about the former Owens Corning facility.

1-888-827-0983

Or email us at: OCBerlin@owenscorning.com

UPDATE: Initial Well Survey Results

Owens Corning's initial well survey was conducted in early May 2012 and included sampling of 13 private potable wells in Berlin Township and Waterford Township, with the consent of the respective property owners. The samples were sent to a NJ certified laboratory for analysis.

- ✓ **7 wells tested in Berlin Township 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.
- ✓ **4 wells tested in Waterford Township 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.
- 2 additional wells in Waterford Township 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 5 days of receiving the laboratory results and is working directly with the property owners to design an appropriate filtration system for their respective systems to serve as a long-term solution for their potable water needs.

Well Survey Area Expanded on Jackson Rd.

As a result of these findings, Owens Corning is required by NJDEP regulations to expand the survey area by "stepping out" 500 ft. down-gradient and 500 ft. side-gradient from the location of the newly-discovered impacts. This "step out" process identified 3 additional private water wells on Jackson Road. On May 24, 2012, ARCADIS collected samples from 2 of the 3 wells, with the consent of the property owners, and is working to schedule a date to sample the third well. Results are expected by mid-June.

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Starting In June **Work to Define Impacts to Groundwater Will Begin**

In June, Owens Corning will continue 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 plan to collect groundwater samples from depths between 30 and 125 feet below ground surface at multiple locations throughout Berlin Borough, Berlin Township and Waterford Township. The locations are based on our knowledge of area groundwater conditions and the impacts we have identified to date. **It is important to know, we selected many of the locations to identify the “edges” of the plume. Therefore, if you see us collecting samples it does not mean the groundwater is affected at that location.** A majority of the locations are on commercial property and within Camden County or municipal rights-of-way.

The sampling work is done using a track-mounted Geoprobe®. A Geoprobe® inserts a small-diameter rod or pipe into the ground to the preferred depth and allows a groundwater sample to be collected from various depths at the same location. After the rods are removed, the hole is backfilled. No permanent well fixtures will be installed at this time.

We will notify the appropriate municipal officials before work begins and following its completion. If you have any questions regarding field activities, you should call the Community Information Line.

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 and Berlin Borough informed of our plans and activities.

- On May 16, 2012 Owens Corning held a Community Information Session at the Atco (Waterford Township) 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.

Future Community Information Sessions are being planned to share significant project details.

- We will continue to provide project updates to interested community members and officials throughout the process.

If you want to be added to our mailing and/or email list, or have a question or concern, please contact us directly at our Community Information Line at (888) 827-0983 or via email at OCBerlin@owenscorning.com, and we'll do our best to provide you with the information you seek.