# **Project Update**

# Spring 2013

### 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 Owens Corning former facility in Berlin, NJ. This work is being conducted in accordance with the regulations of the New Jersey Department of Environmental Protection (NJDEP).

#### Making Progress: Moving from Groundwater Investigation to Long Term Monitoring, Planning & Remediation

We have *nearly* defined the horizontal and vertical extents of DOWTHERM A<sup>TM</sup> constituents in groundwater as a result of the groundwater sampling we conducted in 2012. Some targeted investigation work is still needed to fill in data gaps (see the back page for details) and will be performed in 2013.

We continue to perform activities related to the remediation of the site, but most of our off-site efforts will be focused on long term monitoring and completion of remediation plans for submission to appropriate regulatory agencies. While work continues, these activities should be less visible in the community.

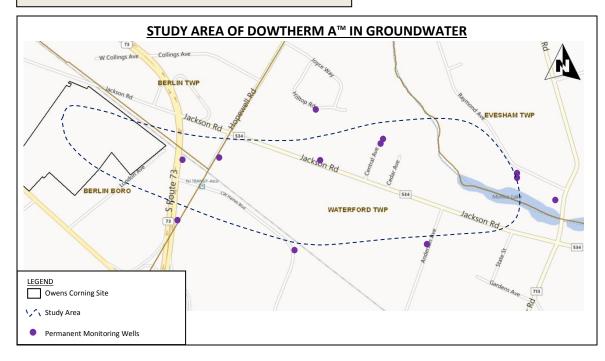
We will continue to issue *Project Updates* when key milestones are being met and encourage you to contact us at any time if you have questions. Call our Community Information Line at:1-888-827-0983.

## Private Well Testing – Long Term Monitoring Planned

Owens Corning is committed to protecting public health and the environment. In addition to working to define the extents of DOWTHERM  $A^{TM}$  in groundwater in 2012, the company initiated sampling of all private potable wells within the study area, in accordance with NJDEP regulations. A total of 47 private wells were sampled from private and commercial properties in Berlin, Waterford and Evesham townships. Since our last update in December 2012, the last remaining 2 wells were sampled. Here's a summary of the results:

- 42 wells met the applicable Ground Water Quality (GWQ) standards for the DOWTHERM A<sup>™</sup> constituents.
- 5 wells contained levels of either one or both of the DOWTHERM A<sup>™</sup> constituents above the applicable GWQ standards. Owens Corning is working directly with the property owners to achieve an appropriate long-term solution.

Long term monitoring of private wells previously sampled and within the study area is planned for later in 2013. We will contact property owners directly and provide information on our plans in our next Project Update.



#### Planning to Drill a New Drinking Water Well?

If you are in our study area and have plans to drill a new drinking water well on your property, please call us at:

1-888-827-0983

#### Filling in the Data Gaps

We will continue some targeted investigation work in 2013 to fill in data gaps and complete our Remedial Investigation Report for submission to the NJDEP by the regulatory deadline of May 2014.

**Drainage Ditch Sampling:** This Spring, we will collect samples of surface water at and near the outfall of the drainage ditch north of Jackson Road, between Jackson and Hopewell roads.

**Hydrology Study:** In November 2012, we installed staff gauges in the Mullica River in a continued effort to better understand the area's hydrogeology. A staff gauge looks like a measuring stick and is used to facilitate easy measurement of the surface level of water bodies. We will continue to use the gauges to observe the River's water levels throughout 2013. They will be removed when the study is completed.

### Long Term Groundwater Monitoring via Permanent Monitoring Wells

Through quarterly sampling of permanent monitoring wells, we are starting a long-term groundwater monitoring program of the horizontal and vertical extents of the DOWTHERM  $A^{TM}$  constituents in groundwater. The data from this monitoring will confirm the delineation and provide assurance groundwater is moving in accordance with our conceptual understanding. Eventually, monitoring data will be used to confirm future remediation measures are working as designed.

This monitoring will be performed via 12 permanent monitoring wells *(identified on the front page map)*, installed to make ongoing groundwater monitoring easier and less intrusive on the community. Five of the wells were installed in late 2012, and seven wells were completed in the first quarter of 2013. Some of the wells are within the known area of affected groundwater and others are intentionally established outside of the area of known impacts to serve as a sentinel wells.

The first round of quarterly sampling will be conducted the last week of March.

#### Onsite Remediation Work to Begin Second Half of 2013

A groundwater pump and treatment system is being installed onsite to address onsite conditions contributing to groundwater impacts.

The system is anticipated to be operational in the second half of 2013.

#### Want More Information?

We are committed to keeping the public informed in a timely manner of our activities in the community. This update should bring you current with activities we have been conducting related to remediation of the Owens Corning former Berlin, NJ site and our groundwater investigation work within the vicinity of our site since our last communication in December 2012.

For more information about the project: Call our Community Information Line at: 1-888-827-0983

To view our previous Project Updates and learn more about our public outreach: Visit our website at: <u>occommunityinformationsite.com</u>

To receive these updates by email in the future, please contact us at: OCBerlin@owenscorning.com

#### Owens Corning's Testing Is Focused on the Two Constituents of DOWTHERM A<sup>™</sup>

#### 1,1-Biphenyl and Diphenyl ether

The Owens Corning former Berlin, NJ site was entered into the Industrial Site Recovery Act (ISRA) program by the company when manufacturing operations ceased in October 1993. Both onsite and offsite remedial activities are ongoing.

In early 2012, ongoing site investigation activities, conducted in cooperation with and under the direction of the NJDEP, identified two constituents (1,1-biphenyl and diphenyl ether) related to the facility's historic use of DOWTHERM  $A^{TM}$  in the insulation manufacturing process in area groundwater to the east of the site. As a result, an offsite groundwater investigation was initiated and focused on the two DOWTHERM  $A^{TM}$  constituents.

Owens Corning is committed to keeping the communities of Waterford Township, Berlin Township, Berlin Borough and Evesham Township informed of our plans and activities throughout this process.