

**SITE UPDATE** March 22, 2022

The American Cyanamid Superfund Site (Site) is located in Bridgewater and Bound Brook, NJ. The facility was originally built in 1915 by Calco Chemical Company, which was later acquired by American Cyanamid Company, to manufacture intermediate chemicals and dyes. American Home Products Corporation, later known as Wyeth, acquired the American Cyanamid Company in November 1994. Wyeth was subsequently acquired by Pfizer Inc. in 2009. The American Cyanamid Company is now known as Wyeth Holdings LLC (WH), a subsidiary of Pfizer Inc.

**SITE CLEANUP**

Site-wide soils, groundwater, and a majority of the surface impoundments are being addressed in accordance with the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), commonly known as Superfund. These Site investigation and remediation activities are being performed with oversight of the U.S. Environmental Protection Agency (EPA) and with the concurrence of the New Jersey Department of Environmental Protection (NJDEP).

**IMPOUNDMENT 8 FACILITY**

The Impoundment 8 Facility (Facility), located on Polhemus Lane in Bridgewater, is regulated under the Resource Conservation and Recovery Act (RCRA) with oversight led by the NJDEP. The Facility was designed to store treated material exclusively from other areas of the Site as part of the multi-phase remediation program.

**IMPOUNDMENT 8 FACILITY CLOSURE**

Based on the cleanup approaches for the Site chosen by the EPA and/or the NJDEP, no additional materials will be added to the Impoundment 8 Facility. Therefore, in 2021, WH began implementing a final closure and post-closure care plan in accordance with RCRA regulations.

The NJDEP-approved Facility Closure Work Plan calls for a portion of the material within the Impoundment to be redistributed and regraded to lower the profile, improve aesthetics and allow for stormwater management. A final impermeable cover system, consisting of heavy-duty leak-proof liners, clean soil and grass vegetation, will permanently cover and hold this material in place.

Pre-construction activities began in February of 2021 and material redistribution and regrading was completed in early July 2021. A NJDEP-approved Community Air Monitoring Program (CAMP) was in place on-site, at perimeter fence line locations and in the nearby Finderne neighborhood during material redistribution and regrading activities.

Installation of the impermeable cover system consisting of heavy-duty leak-proof liners, a geocomposite drainage layer, and 18 inches of clean soil, was completed in late 2021. Several inches of topsoil were added, and the area was graded for stormwater management in early 2022.

A seed mix cover was added to the area in 2022 to provide a final vegetated cover.



*View of Impoundment 8 Facility Closure Looking North as of March 21, 2022*



*Rendering of Fully Vegetated Impoundment 8 Facility Looking Southeast*

**COMMUNITY OUTREACH**

The project team engaged with the community throughout the project. Fact sheets were distributed to the Finderne neighborhood prior to initiation of work. A project update was distributed in the neighborhood at the completion of material redistribution and regrading activities. The project team continues to be engaged with the community and responsive to inquiries and concerns.

**IMPOUNDMENTS 1 AND 2**

On September 25, 2018, the USEPA issued a Record of Decision (ROD) for Operable Unit 8, commonly referred to as Impoundments 1 and 2. EPA and WH executed an Administrative Order on Consent on September 30, 2019, that allows WH to move forward with design and engineering for the remedy as described in the ROD. A Consent Decree for Remedial Action Implementation was finalized with the effective date being November 15, 2021.

In 2020, as part of the remedial design phase, a field demonstration was performed to gather information to support the design. In 2021, WH initiated a second campaign to refine the remediation process and collect additional data for the final design of the full-scale implementation.

WH is implementing additional flood protection and resiliency efforts around Impoundments 1 and 2 in 2022, prior to continuation of material removal campaigns. These resiliency efforts will involve importing gravel, stone and other materials to build-up the height of the existing berms and construction of a work surface surrounding the impoundments to support the equipment needed for full-scale implementation of the remedy.

The flood protection project is expected to begin in late April 2022 and continue for approximately six months, followed by an additional removal campaign late in 2022.



Rendered image of planned additional flood protection efforts surrounding Impoundments 1 and 2 looking west.