Construction of Groundwater Treatment Facility Begins at American Cyanamid Superfund Site

Community Update **June 2017**

EPA encourages public participation. If you have any questions or would like additional information regarding the site, please contact one of the following:

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UPDATE ON THE SITE

During the month of June, residents and surrounding businesses may see an increase of construction activities to build a groundwater treatment facility and address groundwater contamination at the American Cyanamid superfund site in Bridgewater, New Jersey. The design of the groundwater treatment facility was approved by EPA in March 2017 and preliminary work has been underway since April. Construction is scheduled to be completed in summer of 2018. The groundwater cleanup is designed to capture contaminated groundwater and restore it to concentrations below state and federal standards. The cleanup has three major design components:

1) The groundwater treatment facility.
2) The groundwater extraction and injection system, which removes contaminated groundwater from the shallow and deep aquifers and injects it back into the deep aquifer following treatment.
3) A hydraulic barrier wall, which will control the movement of groundwater from the site.

Additional site updates:

Impoundments 1 and 2 were not included in the cleanup for the rest of the site due to the unique and complex nature of the contaminants within each impoundment. The impoundments are each approximately 2 acres in size and are located in the south-east area of the overall site. To complete the cleanup plans for impoundments 1 and 2, a focused feasibility study (FFS) has been underway. This study is designed to consider and field test various cleanup technologies available to address the contamination within the impoundments. While some cleanup technologies showed promising results in lab studies, it was unclear whether they would successfully address the contaminants in a safe and efficient manner as a large scale project under every day conditions.

The focused feasibility study is now in the latter stages of completion. All available cleanup technologies and their field tested results were reviewed. The technologies capable of addressing the contaminants within the impoundments are now being evaluated as a potential EPA-recommended final cleanup actions. The study is scheduled to be completed in the fall of 2017 and a recommended cleanup action will follow.

In addition, design activities related to the overall site-wide soil and impoundment remedy are ongoing, and environmental monitoring of surface water, sediment, groundwater and ambient air continue.

EPA plans to hold a public information session in late 2017 or early 2018 to discuss progress on the groundwater and site-wide soil portions of the site cleanup, and to provide any possible updates of impoundment 1 and 2 portions of the work.