



Gallups Quarry Superfund Site

Plainfield, Connecticut

U.S. EPA | HAZARDOUS WASTE PROGRAM AT EPA NEW ENGLAND



MAINTAINING AND MONITORING SUPERFUND

SITES: After a Superfund Site or portion of a Superfund Site has been cleaned up, EPA continues to monitor the site to ensure the cleanup is operating effectively over time. Five-Year Reviews provide an opportunity to fully evaluate the implementation and performance of a cleanup and determine whether it remains protective of human health and the environment.

INTRODUCTION:

The purpose of a Five-Year Review (FYR) is to evaluate the implementation and performance of a remedy in order to determine if the remedy is and will continue to be protective of human health and the environment. In addition, FYR reports identify issues found during the review, if any, and document recommendations to address them.

BACKGROUND

The Gallup's Quarry Superfund site is an abandoned gravel pit in Plainfield, Connecticut. During the 1970s, the site owner accepted chemical wastes without a permit, which led to site soil and groundwater contamination. After the State of CT removed waste drums and contaminated soil, EPA placed the site on the National Priorities List (NPL) in 1989. EPA's cleanup plan includes monitoring of natural processes to clean up groundwater and land use restrictions. Long-term soil, sediment and groundwater monitoring are ongoing.

PROGRESS SINCE LAST REVIEW

EPA has done four Five-Year Reviews of the site's remedy. These reviews ensure that the remedies put in place protect public health and the environment. The most recent review concluded that the remedy continues to be protective of human health and the environment in the short term. Changes in federal and state cleanup

standards required a change in the remedy so it included groundwater sampling for 1,4-dioxane and arsenic in 2012.

RECOMMENDATIONS

The site-wide remedy currently protects human health and the environment because institutional controls are in place. There is no current use of, or exposure to, site media containing contaminants in excess of the applicable state and federal standards. In order for the remedy to be protective in the long-term, additional groundwater monitoring for arsenic will continue to verify that levels are trending below the revised standards. Additionally, per- and polyfluoroalkyl substances (PFAS) are emerging contaminants that have not been sampled for at this site, but have the potential to be present due to the indefinite sources of the waste disposed in Gallup's Quarry. PFAS compounds should be included in a future groundwater sampling event to determine if they are present at the Site.

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