



Bountiful/Woods Cross 5th South PCE Plume Operable Unit 2 Superfund Site

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Work To Begin On the Phase 2 Pilot Study

Introduction

In April, the U.S. Environmental Protection Agency (EPA) and the Utah Department of Environmental Quality (UDEQ) will begin a pilot or test study to support the remedial design for Phase 2 of Operable Unit 2 (OU2) of the Bountiful/Woods Cross Superfund Site (B/WC). The remedy for OU2 addresses the source of a PCE groundwater plume coming from Bountiful Family Cleaners Inc. The property is located at 344 South 500 West, Bountiful, Utah.

Background

A dry cleaning business has operated on this site since the early 1940's. Over the years, the property and dry cleaning business have been sold several times. The property currently is owned and operated by Bountiful Cleaners Inc. A potential ongoing source of soil and groundwater contamination is a former septic system used by the dry cleaning facility prior to sanitary sewer connection in 1966.

The major components of the selected remedy for OU2 include a pilot test for the PCE source area cleanup and a separate pilot test to contain the groundwater plume. The PCE Source Area pilot study consists of two different activities:

- The septic system and shallow soil investigation at the contaminant source zone, and
- A supplemental groundwater investigation to refine specifications to complete the design and implement the remedy. Also, it will determine the most effective processes to enhance treatment of the groundwater at the source.

Pilot Study Activities

The source area pilot study will take place in the northwest corner of the shopping center near Bountiful Cleaners Inc. Work is expected to begin the middle of April with a standard underground utility location performed by Blue Stakes of Utah. They will ensure the safety of all drilling locations. The following activities will take place:

- Up to 12 post-sized holes may be drilled to sample the location of the shallow contaminated soils located in the parking lot north of the BCI building.
- Below ground vapor monitoring stations will be installed.



Direct-Push Drill Rig

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As part of the supplemental groundwater investigation the following wells will be installed:

- Two groundwater monitoring wells will sample at varying depths.
- A 4-inch diameter hole for the extraction and injection wells.
- Up to nine 2-inch diameter groundwater and soil vapor monitoring wells.

What does this mean to you?

EPA plans for work to occur outside of the main traffic flow patterns. Site work will take up a minimal amount of parking lot space. Occasional noise from the drilling rig may be experienced. All site work will be performed between the hours of 7 am and 7 pm, seven days a week. Customers may expect to see a direct-push drill rig and several vehicles for the workers.

The pilot study in this area is expected to last approximately 90 days. Data from the pilot study will be used to support the remedial design, which

is expected to be completed by the end of 2008. Future activities in the area will include implementation of the remedy and long-term groundwater monitoring that could potentially last up to 30 years. Your health and safety and the protection of the environment are our biggest priorities.



Drilling Operations

NEED MORE INFORMATION?

Contact us! We would be happy to assist with any of your questions or concerns:

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