

To: Co-Chairs of the BoRit CAG

Re: EPA Response to CAG request for pump test

EPA received a request from the CAG to conduct a pump test. For the following reasons EPA does not plan to perform a pump test between the on-site groundwater monitoring wells and a water supply well.

The current information on groundwater does not provide EPA with evidence that groundwater at the site is influenced by a local public water supply program that would require additional investigation. The information EPA has gathered indicates that the water supply well is up-gradient; at a significant depth; operates occasionally; and pumps at a low rate.

EPA has followed a step-wise approach to evaluating the groundwater at the BoRit site. EPA's groundwater evaluation established the depth and levels of groundwater; the direction of groundwater flow; and characterized the quality of the groundwater at the BoRit site.

As part of the Remedial Investigation at the BoRit site EPA installed six groundwater wells and tested the groundwater for a comprehensive list of parameters (volatile organic compounds, semi-volatile organic compounds, PCBs, pesticides, metals, and asbestos). The groundwater sampled at BoRit is in a shallow bedrock zone. EPA did not identify a plume of groundwater contamination, but generally isolated groundwater detections. The groundwater and surface water levels were measured five times over a year and the water levels remained at consistent levels. Additionally, based on these water level measurements the groundwater flows in a north to south direction or from Maple Street to the Wissahickon Creek.

EPA is planning additional groundwater work as part of the Remedial Investigation. EPA plans to sample the six on-site groundwater monitoring wells three more times. EPA plans to install a groundwater well off-site and sample it to establish groundwater quality for comparison purposes. EPA will also measure the level of groundwater and surface water. EPA will include the results from the groundwater investigation in the RI Report.