

**USE OF HYDRAULIC PROFILING TOOL TO IDENTIFY PREFERENTIAL PATHWAYS
FOR CHLORIDE IMPACTED GROUNDWATER MIGRATION**

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The goal of this study was to demonstrate the effectiveness of the Hydraulic Profiling Tool (HPT) for the identification of preferential pathways relative to migration of chloride impacted groundwater at the site. This method was used in combination with conventional investigative methods to better characterize the subsurface conditions. This was accomplished by comparing HPT response curves for background conditions with the responses recorded in the chloride impacted zone. The comparison of these data aided in the identification of the extent of the chloride impact and the eventual location for a hydraulic containment system to control the migration of the chloride plume offsite.

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