

## Zarling, Gary (MPCA)

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**From:** Pennino, Jim (MPCA)  
**Sent:** Friday, May 03, 2013 9:10 AM  
**To:** Zarling, Gary (MPCA)  
**Subject:** Sinclair 22020, Leak 17952

I have reviewed the "Monitoring Report", dated March 15, 2013, submitted by Carlson McCain.

The report documents the results of quarterly sampling of three monitoring wells installed in 2012. The wells and previous groundwater samples from soil borings indicated that the groundwater contamination is largely confined to the interior of the site. The soil and groundwater contamination may well be associated with the previous leak investigation (Leak No. 2643) for this site. This previous leak site was closed. The gasoline plume does not appear to have reached offsite across Larpenter Ave. to the south. While concentrations in MW-1 appear to be increasing (which may be related to a significant decline in the water table during the last sampling event), the plume appears to be confined to the source areas within the site. If the gasoline contamination is associated with the previous leak site, then it has had ample time to migrate off site under current local conditions. If there has been a more recent release, it does not appear to be serious enough to warrant additional investigation or corrective action. Low levels of DRO were found in the two downgradient off-site monitoring wells. These concentrations may be related to weathered gasoline from the old release at the site, or artifacts due to the difficulty in quantifying DRO in groundwater. Since the plume has not migrated offsite in significant concentrations, the release does not appear to be a threat to receptors including utilities. I recommend closure of the file. However, it should be noted that soil vapors in the source area found at soil vapor probe VP-4 exceeded soil vapor intrusion criteria and may pose a risk to a building if it is constructed near this source area.

Tetrachloroethene was found in a soil vapor probe, but this compound was not detected in samples of groundwater in the monitoring wells. No referral to Site Assessment.