

10th & Mitthoefer Rd Neighborhood

VRP # 6150201 (920 N Mitthoefer Rd)

Groundwater Assessment Summary

Background

In response to an IDEM notification regarding the former Goodyear property at 920 N. Mitthoefer Rd entering into the Voluntary Remediation Program, a well survey was conducted for this neighborhood. A leaking UST of waste oil had resulted in groundwater contamination of associated VOCs at this site. The neighborhood boundaries are 14th St to the north, Mitthoefer Rd to the east, 10th St to the south, and Hathaway Dr to the west (see attached map). Letters requesting well samples were sent to 86 properties with a door-to-door survey following. Samples were taken from July to October 2015. The well survey was divided into two sections – the first area surveyed was located within ¼-mile of the VRP site, then the remainder of the neighborhood was surveyed.

Survey Results

A total of 86 properties were surveyed. Seven of the properties were found to be vacant. Of the remaining 79 residences, 42 properties responded to the survey resulting in a 53% response rate.

Sampling Results

Bacteria

No *E.coli* bacteria were found in any of the samples. Coliform bacteria were present in 14 wells, or 33.3% of samples. This rate is consistent with unsatisfactory rates for past well surveys. Chlorination instructions were sent out with the lab reports and follow-up inspections were scheduled.

VOCs

No volatile organic compounds were found above detection limits in any of the samples taken.

Anions

Well samples were tested for the following anions: Chloride, Fluoride, Nitrates, Nitrites, Phosphates, and Sulfates. All anions were below the Maximum Contaminant Levels (MCLs).

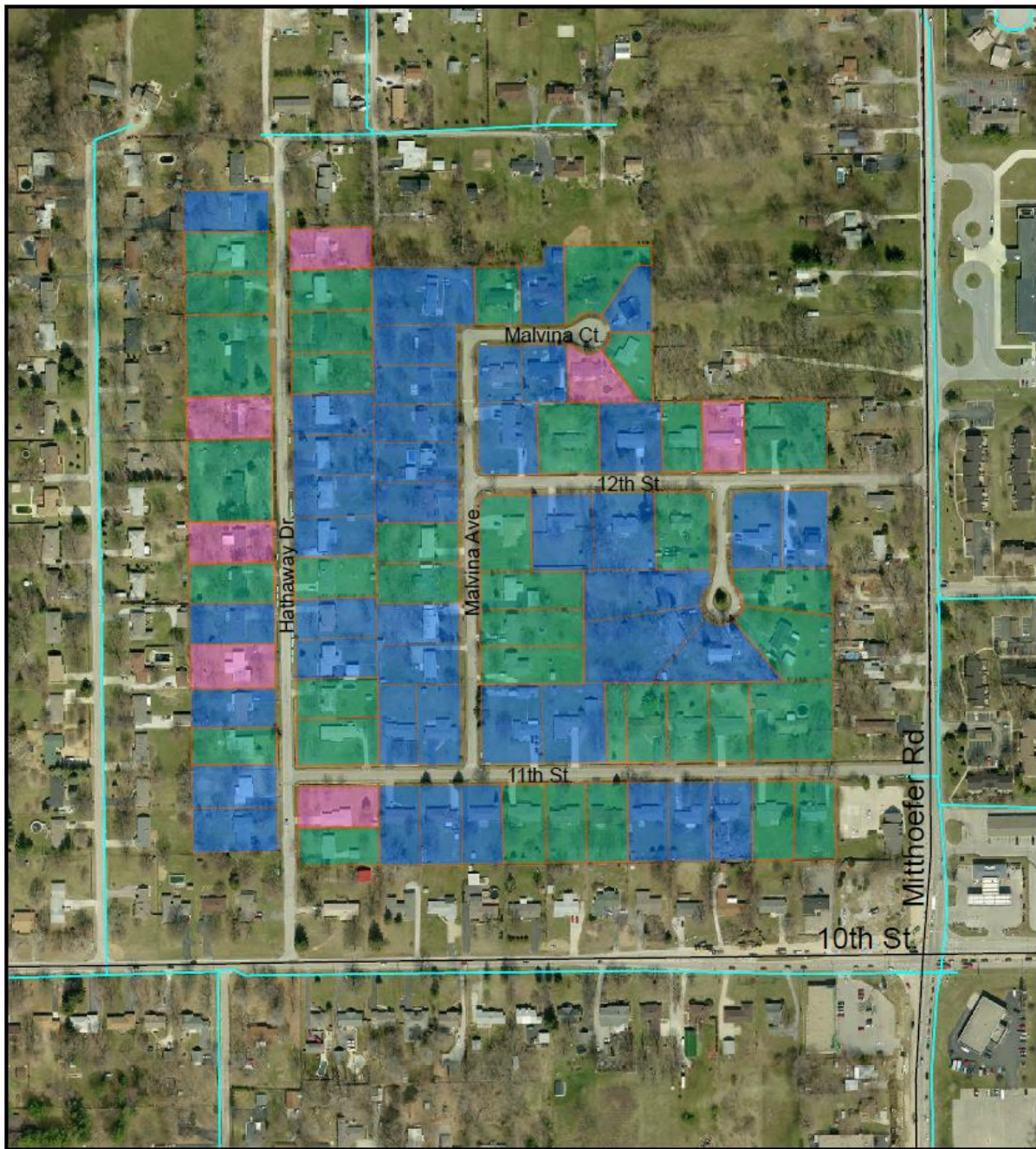
Metals

Samples were analyzed for the following metals: Arsenic, Barium, Boron, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Selenium, Thallium, and Zinc. All metals were below the MCLs.

Conclusions

The primary contaminants of concern, byproducts of the waste oil, were not detected in any of the wells sampled. No VOCs were detected, suggesting that this neighborhood is not being impacted by the release at 920 N. Mitthoefer Rd. The main contaminant found was coliform bacteria, which was consistent with other well surveys.

10th & Mitthoefer Rd Neighborhood Sampling Project



Legend

- Properties_Sampled
- Properties_Not_Sampled
- Vacant_Properties
- Water Mains



0 35 70 140 210 280 Meters