

## **Definitions and Acronyms:**

LNAPL - Light Non-Aqueous Phase Liquids (LNAPL) are hydrocarbon substances that are relatively insoluble in water, are less dense than water, and tend to form a layer on top of the water table.

Benzene - Benzene is a component of gasoline and other petroleum products that is a natural constituent of crude oil and is a widely used industrial chemical.

MCL - Maximum Contaminant Levels (MCLs) are standards that are set by the United States Environmental Protection Agency (EPA) for drinking water quality. An MCL is the legal threshold limit on the amount of a substance that is allowed in public water systems under the Safe Drinking Water Act. For benzene, the MCL is 0.005 Mg/L or ppm.

PPM – parts per million

## **How to Use the Map**

Maps in this section represent the conditions at the site at the time the wells were sampled. Monitor wells are gauged to determine the depth to groundwater, the presence or absence of LNAPL, and samples are collected from wells and analyzed for the chemical constituents of gasoline (benzene, toluene, ethylbenzene, xylenes, MTBE, and TPH). Some monitor wells are dry, and not all wells are scheduled to be sampled during each groundwater monitoring event. Groundwater monitoring provides information about the contaminant plume over time and helps determine whether the plume is stable. There are two groundwater zones at the site – a shallow zone and a deeper zone. The deeper zone is the zone where the LNAPL occurs and is generally found at depths greater than 30 feet below ground surface.

### **MAP DISCLAIMER:**

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