

# ENVIRONMENTAL REMEDIATION

MAY 1, 2018 GROUNDWATER CONTAMINATION UPDATE

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT - HAZARDOUS MATERIALS AND WASTE MANAGEMENT DIVISION

- 1950s - Concrete, asphalt and paint were tested at the MTL; generated several hazardous wastes.
- Mid to Early 1970s - Underground storage tanks were installed that stored solvents.
- 1993 - 1994 - COOT conducted investigations to define nature and extent of on and off-site contamination, petroleum hydrocarbons and chlorinated solvents were identified.
- July 1994 - CDPHE approved a groundwater and soils treatment plan, which began implementation onsite shortly thereafter.
- May 24, 1995 - a Compliance Order on Consent was signed by CDPHE and COOT, which established requirements and schedules for additional investigations and remediation of any contamination relating to the facility.
- 1997 - data confirmed vapors from the COOT groundwater plume were present in indoor air samples collected from nearby single family homes and apartment buildings, vapor mitigation systems were quickly installed at these locations.
- 1997 - 2014 - residential vapor mitigation systems were operational and groundwater continues to be remediated both onsite and off site.
- August 2014 - all residential vapor mitigation systems were discontinued, indoor air testing concluded that indoor air was safe while the systems were turned off.
- 2014 - Present Day - groundwater continues to be treated in limited areas offsite and a more aggressive approach is being implemented in the source area beneath the MTL.

