

December 2022 Update

- Under CDPHE approval, BG Retail's environmental contactor Geosyntec completed additional injections of emulsified vegetable oil and microbes to create a passive treatment zone to degrade VOCs in the area north of East Jewell Avenue along South Jasmine Street and along South Kearney Street. This is a bioremediation system that uses certain bacteria to degrade contaminants and passive treatment is ongoing. Data will be continue to be reported to CDPHE to evaluate effectiveness of the injections
- Of the 381 homes that had indoor air ventilations systems installed, CDPHE has determined that 232 of these homes no longer require operation of their ventilation systems for Redfield site-related VOCs.
- Currently, CDPHE has approved 107 homes for ventilation system performance inspections.
- The venting system inspections are conducted in the 1st and 4th quarters of the year and take approximately 10 to 15 minutes to conduct.
- As of December 31, 2021, approximately 115 million gallons of groundwater have been treated by the groundwater containment system at the former Redfield site. The system, which began operating in March 2000, operates continuously to prevent solvents in groundwater from flowing away from the Redfield site and beneath the surrounding area. The system also captures and cleans groundwater a short distance beyond the fence line. The existing plume is being diluted and flushed by the clean water reinjected by this system.
- In 2016, under CDPHE approval, Geosyntec implemented a work plan designed to target the former source area of VOCs under the Redfield building and to modify, in phases, the on-site groundwater treatment system. That year, the eastern portion of the groundwater containment system (along the Xcel right-of-way) was turned off to allow the injection of emulsified vegetable oil and microbes to create a passive treatment zone to degrade VOCs. This is a bioremediation system that uses certain bacteria to degrade contaminants and passive treatment is ongoing. The northern portion of the groundwater containment system continues to operate
- For more information, please contact Lisa Sigler, community relations representative for Brown Retail at (303) 778-8355.