

Fact Sheet

Recent Groundwater Analytical Results

York County Closed MSW Landfill (Permit No. 461001-1201)

Public Meeting: March 23, 2016

Purpose of Meeting:

- To inform residents of early indications that some volatile organic compounds (VOCs) from the Closed Municipal Solid Waste (MSW) Landfill may have impacted the groundwater near the Travis Acres neighborhood;
- To take appropriate action to find out if there is any risk of exposure for the residents and to ensure that the residents have a clean water supply; and
- To obtain the residents' permission to sample their supply wells.
- To understand residents' concerns and questions.

York County Landfill:

- The facility began operation as a Municipal Solid Waste (MSW) landfill in the 1950s.
- The facility stopped receiving MSW and the MSW landfill units were closed in 1998.
- The facility has only accepted Construction & Demolition (C&D) waste since 1998.
- The County also operates a MSW transfer station and a recycling facility at the site.

Recent Monitoring Results at the York County Landfill:

- In accordance with SC Solid Waste Regulations, the County maintains numerous groundwater monitoring wells around the landfill to provide early detection of landfill constituents in the water.
- The monitoring well closest to Travis Acres, MW-27, showed low-level detections of 1,1-dichloroethane (1,1-DCA).
- DHEC requested that the County install additional monitoring wells near MW-27 to determine how far the 1,1-DCA has spread in groundwater.
- The County installed three new monitoring wells, MW-48, MW-49, and MW-50R, and sampled them on December 17, 2015.
- 1,1-DCA was detected in one of the new wells, MW-48, at 7.9 micrograms per liter ($\mu\text{g/L}$), or parts-per-billion.
- The three new wells were resampled on February 4, 2016 to confirm the initial results.
- The resampling results for MW-48 found 1,1-DCA at 5.5 $\mu\text{g/L}$.
- The U.S Environmental Protection Agency (EPA) has not established a drinking water standard (MCL) for 1,1-DCA; however, the EPA has a Regional Screening Level (RSL) of 2.8 $\mu\text{g/L}$ for 1,1-DCA. Concentrations above this RSL require additional investigation be performed.
- The County met with DHEC on March 2, 2016, to inform them of the 1,1-DCA results and to lay out an action plan to protect the residents and to ensure that they have clean water.
- York County sent notification letters to homeowners and residents in the Travis Acres subdivision on March 11, 2016, inviting them to the public meeting and requesting permission to sample their supply wells.

For more information, please contact **York County Public Works** at **(803) 628-3200**, or **DHEC** (Larry Leblang) at **(803) 898-1308** or leblanlm@dhec.sc.gov.

