

Fenimore Landfill Update

Saturday, October 12 – Tuesday, October 15, 2013



Landfill Site Work

DEP is continuing to test the landfill gas treatment system using the interim scrubber. During all operations of the oxidizer, stringent protocols are being followed, highly trained personnel are present, and air monitoring is conducted.

Over the weekend, a mixture of compost and wood chips was delivered and begun to be spread over known H₂S hotspots on the site. The mixture acts as an organic carbon filter to assist in reducing emissions. This is another interim step until the custom scrubber is operational.

The custom scrubber and other components began being delivered on Friday. The last shipment of equipment needed to operate the gas collection system is expected tomorrow. Additional site preparation work for the custom scrubber continues.

Work to connect utilities is ongoing.

Air Monitoring

DOH continues to conduct indoor air sampling of public and non-public schools located near the Fenimore landfill. Recent testing revealed non-detectable (N.D.) levels for H₂S and SO₂. See attached indoor air sampling data.

In conjunction with the 24-hour canister sampling in schools, DOH is utilizing portable handheld meters for detecting H₂S. These meters are designed to measure only H₂S and are very sensitive. These meters can detect H₂S in the low parts-per-billion range. DOH is utilizing these meters at each of the six schools where 24-hour canisters are being placed. These meters are assisting DOH in evaluating the current H₂S levels both inside and outside of each school building. By collecting instant readings, DOH is evaluating whether H₂S is detectable at the time of the survey.

The five H₂S air monitoring stations continue to operate 24/7. The data is telemetered to DEP for review. The town's contractor, Emilcott, is developing a detailed plan that includes location of four more H₂S monitors and a schedule for their installation.

The three SO₂ monitors that were set up in "mini-shelters" at the Vanover Well House, Lazarus Pump House, and Ledgewood Pond all recorded background conditions prior to operation of the oxidizer with the interim scrubber and continue to provide real-time data to DEP during testing. Until technical issues can be resolved to provide real-time public access to data, DEP will provide

summaries of results. To date all SO2 levels have been well within air quality standards. See attached SO2 data.

A Look Ahead

The remaining components of the custom scrubber will be delivered on Wednesday.

The organic carbon filter material will continue to be spread.

DEP will continue testing the oxidizer with the interim scrubber. There will likely be visible water vapor (steam) coming from the interim scrubber.

For all necessary truck traffic to the site, DEP will continue to work with local officials to ensure that safe traffic controls are in place, utilizing the truck route.

Work continues to bring water and electric utilities to the landfill for equipment operations.

Fenimore Call Center

DEP has established a call center to assist with resident questions. If you wish to file an odor complaint, call 1-877-WARN-DEP, 24/7. If you wish to ask questions without filing an odor complaint, call DEP at (609) 341-2875 during regular business hours (9:00 a.m. – 5:00 p.m., Monday through Friday). On weekends and evenings and holidays, callers can leave a message and their call will be returned. Questions may also be emailed to RoxburyTwpFenimoreQuestions@dep.state.nj.us.

###