

Fenimore Landfill Update April 2021



What has been happening at the site?

DEP has been operating the gas collection and treatment system and conducting maintenance on the impermeable cap, both of which are functioning as designed. The impermeable cap continues to contain the hydrogen sulfide (H₂S) gas, virtually eliminating any fugitive emissions, and the gas collection and treatment system is effectively oxidizing the H₂S and removing the sulfur dioxide (SO₂) produced when the H₂S is oxidized. The system continues to operate 24/7.

What is going to happen?

The New Jersey Department of Environmental Protection (NJDEP) will be performing routine maintenance replacing the oxidizer liner. The liner for the oxidizer has a life span of 5 – 10 years at which time it needs to be replaced.

When will this happen?

April 14, 2021 – The replacement liner for the oxidizer will be delivered to the site.

April 26, 2021 – The new oxidizer liner will be installed.

How Long will it take?

The installation will take two weeks to complete.

How will I be protected during this time?

It is not anticipated that the oxidizer replacement work will result in the release or off-site migration of landfill gases. Oxidizer throughput will be increased two weeks prior to delivery of the replacement liner to reduce gas reserves within the landfill and ensure capacity over the

shutdown period. During this time, a backup oxidizer will continue to run until the new system is brought back online. The NJDEP will also increase monitoring onsite to ensure that no fugitive emissions are occurring. As an added precaution, the NJDEP will place a mulch mixture over any area where fugitive emissions begin to occur. This will act to filter and depress any hydrogen sulfide emissions during the process change.

The levels of hydrogen sulfide have dramatically decreased since the landfill was capped and the gas collection and treatment system installed. However, the hydrogen sulfide is still present at the landfill in unsafe concentrations.

How do I report odors now that the cap is in place?

Odor complaints should be reported to DEP's hotline: 1-877-WARN-DEP. Any complaint should describe the odor. DEP inspectors will determine if an inspection is needed to determine the source of the odor. If they can locate the source, they can take enforcement action accordingly. With the cap and treatment system operating at the site, it is highly unlikely Fenimore is the source of any odor.