

Questions from July 18, 2019, NJSEA Board Meeting

1. What height is the landfill at now?

The landfill is at different heights at different locations on the site. Currently, the elevations range from 59 to 84 feet.

2. How do you determine whether a truck has more than 20 percent drywall?

Please see posted answers to questions dated July, 17, 2019.

3. Is the gas collection system designed to collect and destroy gas generated from existing waste or gas generated from waste deposited in the future? Will the current system be effective when the landfill reaches 100 feet?

The gas collection system is collecting and destroying existing landfill gas and will collect and destroy any new gas generated in the landfill. The system can be expanded and adjusted as necessary to handle the gas generated by any additional waste.

4. Can this agency supply gas meters or worker safety monitors for the entire Town of Kearny?

The safety monitors supplied to the landfill workers show that they have not been exposed to hazardous levels of H₂S as defined by the Occupational Safety and Health Administration (OSHA). Under this standard, the permissible exposure limit (PEL) for continuous exposure during an 8-hour work day for the construction industry is 10 ppm. Based on the data collected from the perimeter air monitors, any H₂S gas that may be migrating off-site is orders of

magnitude below the levels that would trigger the safety monitors. The meters and monitors are only supplied to workers at the site.

5. We're told that we're going to get the readings, but the readings from the monitoring system are delayed 24 to 72 hours. (Can the NJSEA provide real time readings?)

The NJSEA is evaluating this request.

6. Who responds to fires at the Keegan Landfill?

The Kearny Fire Department would respond to any landfill fire.

7. When are you going to close the landfill?

The current permit allows filling to a maximum final elevation of 100 feet. The landfill is currently prohibited by court order from accepting waste so we have no way of establishing a timeline for closure.

8. Does Neutralene come with its own risks? Will this chemical flow off the landfill slope and be harmful to the wildlife in the nearby freshwater marsh?

Neutralene has proven to be safe and effective at reducing odors. Neutralene was used during the well-drilling phase of the gas collection system construction to help manage odors from the exceedances resulting from this activity. Neutralene has not been applied since that work was completed. Neutralene is a plant-based odor eliminator and contains ingredients which are all regulated by the Toxic Substances Control Act. The Neutralene was diluted 500 to 1 with water and was spray-applied directly to waste in the trenches during excavation of trenches for pipe installation. All trenches are

backfilled with soil. All Neutralene infiltrates into the waste mass and would be collected by the leachate collection system similar to any rainwater that infiltrates the waste. There is no runoff into the marsh.

9. Is the health of nearby residents in danger or at risk from H₂S? Not once have you guys tried to address that.

We have documents posted on our website that address health effects associated with various levels of exposure to H₂S.

10. Have you reviewed the Oxford University Press report that states that living near landfills is unhealthy?

We will work with the appropriate regulatory authorities to review the subject article.

11. Has the incident with the truck dropping gypsum wallboard been addressed? Has the hauler been suspended? Did you suspend intake of gypsum wallboard in March?

We are not taking any waste at the landfill at this time. When the landfill was open, in accordance with the ACO, we took steps to minimize the intake of gypsum containing wallboard. Please see posted answers to questions dated July, 17, 2019, for our complete response on this issue.