



Agenda Item Summary

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Agenda Date: [Publish Date]

Agenda Item Name:

Air Quality Monitoring Options at Florence Landfill

Presenter:

Paul Myers, Health Department Administrator, 352-334-8892 & Stephen Hofstetter, Environmental Protection Department (EPD) Director, 352-264-6811

Description:

Staff will provide options on possible air quality monitoring plans associated with the Florence C&D Landfill that will be presented to the Board for direction.

Recommended Action:

Have staff contract an Environmental Consultant to install one monitoring equipment site and provide monitoring data for six months, with the option to continue to monitor based on the review of the presence or absence of parameter exceedances.

Prior Board Motions:

At its meeting on January 28, 2025, the Board of County Commissioners (BOCC) made a motion that included directing staff to work with the Health Department to begin implementing a regular air monitoring program and that staff bring back to this Board a plan within the next 60 days which would include but not be limited to the purchase of continuous air monitoring equipment to identify hydrogen sulfate gas concentrations and other known contaminants.

Fiscal Note:

Monitoring costs are estimated to range from \$41,608 to \$158,955, based on the Board's action (see slide 6 of the presentation for a detailed list of options). There is no existing EPD budget identified for this task.

Strategic Guide:

Environment

Background:

The Florence landfill is a construction and demolition debris (C&D) landfill located in the southeast portion of the Urban Cluster. The landfill has been in operation for several decades. In 1994, following the revocation of a special use permit (SUP) for a prior operator, Mr. Paul Florence of Southeast Landholdings, Inc. applied for a new SUP. The SUP was approved with the intention of filling and reclaiming the site. The SUP has been renewed five times since the original approval, in 1999, 2005, 2010, 2015 and 2018. In 2023, the applicant applied for another 5-year renewal. However, this

renewal application was not brought before the BoCC at the applicant's request and the application expired in September 2024. The property owner has notified the County that they are using an extension of the development order provided for in State Statute for the Emergency Order for Subtropical System Nicole.

The Board discussed this item at their January 28, 2025 evening meeting and made the following motion:

1. Work with the Health Department to begin implementing a regular air monitoring program and that staff bring back to this Board a plan within the next 60 days which would include but not be limited to the purchase of continuous air monitoring equipment to identify hydrogen sulfate gas concentrations and other known contaminants.
2. Direct Environmental Protection Department (EPD) staff to restart graphing of all groundwater data to help identify any potential contaminant trends and report that information to the Board. Staff is to determine if private groundwater data is to be included.
3. Refer to staff the issue of installing "No Truck" signs on the Kinkaid route report back within 60 days.
4. Staff is to contact Mr. Florence and request that all drywall that is collected be diverted to the Palatka facility and ask for Mr. Florence to consider implementing an early closure plan that would result in a closing prior to the completion of the tolling period.
5. Request that we prepare a Chair Letter and forward it to the Governor, our local delegation, the State Department of Environmental Protection, and any other governing State agencies over this facility of the community concerns with a link to tonight's [Jan 28, 2025] meeting and petitions we were served and forward to this Board any available responses.
6. Direct staff to utilize their best efforts to review the current closure plan and bring back to this Commission a presentation of exactly what is involved something over the next 90 days.

Staff are returning within 60 days to discuss the portion of the motion (item #1) related to an air quality monitoring plan.