



## South County Federation Resolution

### **South County Federation (SCF) Resolution Regarding Unacceptable Methane Emission Levels At The Lorton Landfill SCF Resolution # 2021-003 – Approved 2021-01-12**

**Whereas**, in 2009, the Board of Supervisors (BOS) approved Special Exception Amendment-1 (SEA-1) allowing ESI to continue to operate the Lorton Landfill and raise the height limit for continued dumping of construction and demolition materials.

**Whereas**, in 2014, the BoS disapproved a request by ESI to expand the Lorton CDD landfill and continue its operations there until 2040.

**Whereas**, this decision meant the SEA-1 remained the governing document for the Lorton Landfill.

**Whereas**, Waste Management, Incorporated (WMI) merged with ESI on March 15, 2018 and committed to closing the landfill and providing the amenities associated with Overlook Park and access to the site given that WMI, FCPA and Fairfax County can all agree on any and all issues of liability while citizens are accessing the Park;

**Whereas**, the original Site Plan, 1183-SP-002-3, contains the amenities to be provided as a part of the site's closure by WMI;

**Whereas**, one of the major stumbling blocks to human access to the site is the status of methane emission as a bar to access;

**Whereas**, the Lorton Landfill site has been outside of permissible emission standards for some time;

**Now, therefore, be it Resolved**, that the South County Federation states that it is imperative that the county staff and agency Team led by Kirsten Munz be directed to immediately form an interdisciplinary team, including



representatives from DEQ, to evaluate the likely source(s) that are causing the excess methane emissions; to determine what possible remediation measures must be taken to reduce the methane emissions to acceptable levels which can be sustained to ensure that human access to Overlook Park can be afforded the citizens of Fairfax County at the earliest opportunity.

Furthermore, the Team shall promptly (within 90 days) identify and make public the determinative factors related to allowing the park to open for public access and the organization(s) and position(s) within those organizations that will make that determinations?

That the Team present the results of their research to the office of the Mount Vernon District Supervisor within 90 days of being tasked to conduct the study in a public forum where the results can be analyzed and questioned by the South County Federation and the citizens of Fairfax County.

Results of the actions above will be posted on the Lorton CDD Landfill Closure page of the county's website.

#### ADDITIONAL ASSOCIATED QUESTIONS FOR STAFF RESPONSE:

##### DEQ

What are the DEQ standards for methane emissions?

How and by whom are the emissions measured?

To whom are they reported?

Are those standards based on human safety concerns?

Are there any penalties for exceeding the standards?

One-time violation?

Repeated violations?

What remediation measures are required?

What other remediation measures can be taken?

Regulatory underpinnings of methane requirements and measurements?

##### FAIRFAX COUNTY

Which individual or office will be involved in determining when human access to Overlook Park is permissible?

What will the basis be of this determination?



Which other agencies or offices within FFX County will submit their viewpoints / requirements / data to contribute to the determination?

What are the county standards for methane emissions from the Lorton Landfill?

Where are these standards codified?

Are those standards based on human safety concerns?

What are the penalties for not meeting the standards?

What are the likely causes of the excess emissions?

What corrective actions are required when the standards are exceeded?

What actions can be taken to reduce or remediate the excessive emissions?

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President

\_\_\_\_\_  
Date