

Waste Management Presentation to the South County Federation

Lorton Landfill Update

October 09, 2018

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Waste Management (WM) Overview

- Leading provider of comprehensive waste management services in North America
- Providing collection, transfer, recycling and resource recovery, and disposal services
- Leading developer, operator and owner of landfill gas-to-energy facilities in the United States
- Customers include residential, commercial, industrial, and municipal customers throughout North America
- Operate in 48 States and Canada
- 243 Active Landfills

WM and Lorton Landfill Commitment

- Ceasing waste intake no later than 12/31/2018
- Protecting Public, Health, Welfare and Public Safety
- Complying with all permits (local, state, and federal)
- Partnering with Fairfax County and Community to address concerns and provide updates
- May 13, 2009 Public Access and Use Agreement. Details regarding interim access during closure construction and post closure care period to be worked out

Projected Activity Timeline

- August 31, 2017 - ESI submits Closure/Post Closure Permit Modification Request (includes notification of intention to cease waste intake NLT 12/31/2018)
- March 15, 2018 - WM merges with ESI
- April 12, 2018 - Initial meeting with Fairfax County; Arcadis issues review findings of Lorton Closure Plan
- April 26, 2018 - Initial meeting with Supervisor Storck
- May 3, 2018 - Initial meeting with VDEQ and Fairfax County
- May 15, 2018 - Meeting with WM ELMG to discuss transition

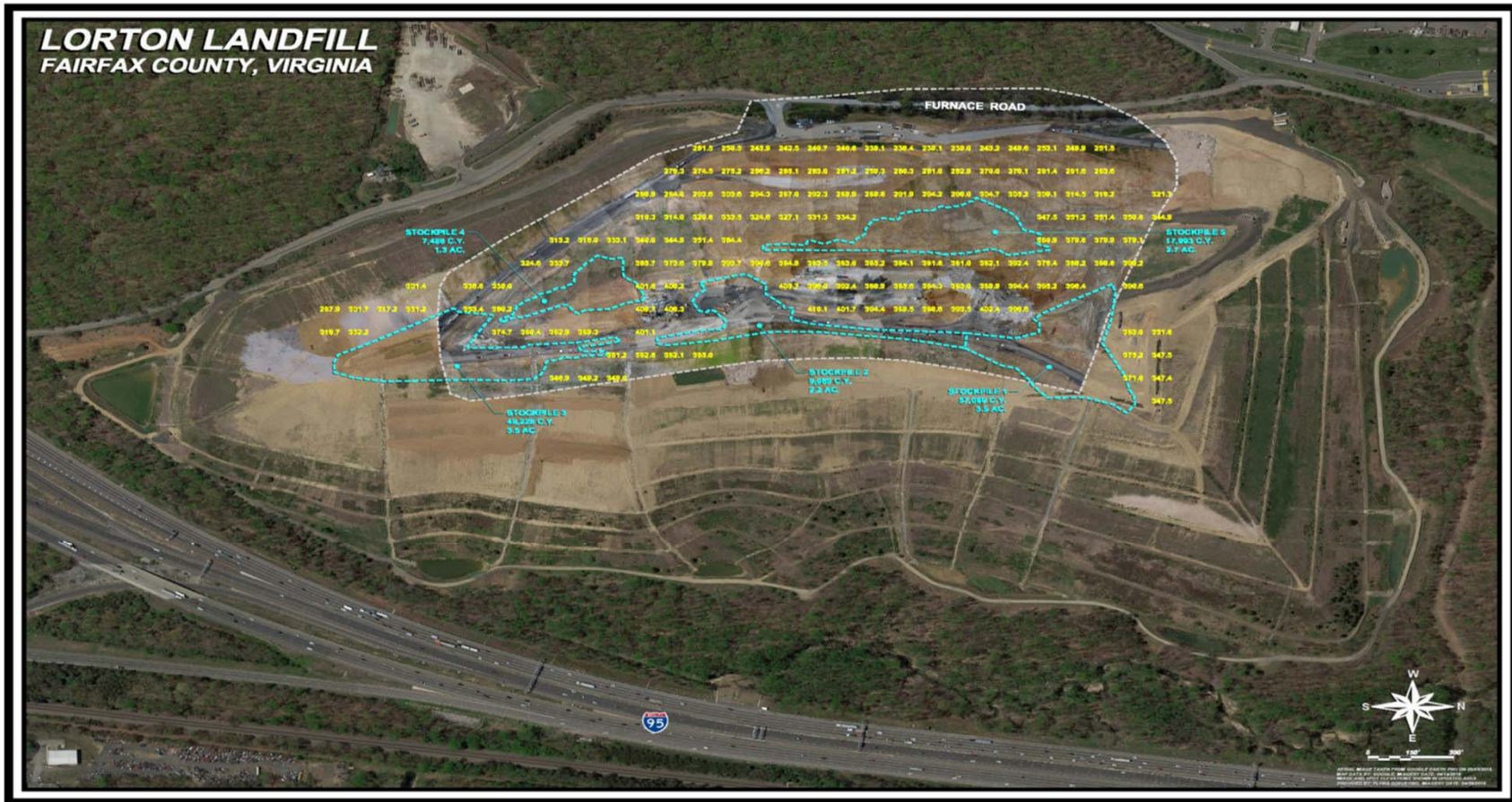
Projected Activity Timeline

- July 2018 - Began work on 20-acre final cap and other miscellaneous projects
- August 2018 - Began import of clean soil for closure operations
- December 31, 2018 - Cease waste intake operations; begin closure operations (final grading, soil import, etc.)
- Q3 2020 (Pending DEQ Approval) - Complete closure activities and request enter into Post Closure*
- December 2030 (Pending DEQ Approval) - Tentative date for Post Closure to terminate*

* Consistent with Fairfax County closure status meeting 3-13-2018 as posted on Fairfaxcounty.gov

Final Waste Elevation

Final waste elevation = 412 feet - confirm monthly with UAV technology



Closure Construction Plans

2018 - complete a minimum of 20 acres of final cap; stormwater (E&S); landfill gas

2019 - complete a minimum of 22 acres of final cap; stormwater (E&S); landfill gas

2020 - complete remaining final cap area; stormwater (E&S); landfill gas

Q3 2020 - request to enter post closure period (minimum 10 years) and begin Post Closure monitoring activities

Closure Construction Plans

Pond Cleaning 2018



Closure Construction Plans

Pond Cleaning 2018



Environmental Legacy Management Group

- Manages 130 closed sites nationwide
- Ensures proper environmental monitoring, proper system and facility operation and maintenance, as well as compliance with all regulatory obligations
 - 3 closed sites in Virginia
 - 6 (nationwide) currently have parks and/or amenities
- Manages 80 WHC certified sites nationwide

Overlook Ridge Park

- May 13, 2009 Public Access and Use Agreement is in place. Details regarding interim access during construction and Post Closure Care period to be developed and agreed upon by WM and Fairfax County
- Interim Access plan will include temporary closure of park for maintenance and other type work as needed during Post Closure period
- Construction of park amenities will need approval through Fairfax County Building department and others

Questions / Thank You

