



# Solid Waste Disposal Facility Part A Application Form, DEQ Form SW PTA

Please specify, is this application for a  New Facility or  Part A Modification

## I. FACILITY INFORMATION

### A. Facility Location

**Facility Name:** Green Ridge Recycling and Disposal Facility      **Permit No. SWP** Pending  
**Location Address:** US Route 60/Pinegrove Road/Miller Lane      **Facility Type:** Sanitary Landfill  
**City, State, Zip:** Cumberland, VA 23040  
**Latitude:** 37 Deg 34 Min 00 Sec North      **Longitude:** 78 Deg 07 Min 20 Sec West

### B. Facility Contact Information

**Contact Person:** Mr. Jerry Cifor      **Contact Title:** President and CEO  
**Contact Phone:** 802-379-1575      **Contact E-mail:** [jerry.cifor@myfairpoint.net](mailto:jerry.cifor@myfairpoint.net)  
**Owner:** Green Ridge Recycling and Disposal Facility, LLC      **Operator:** Green Ridge Recycling and Disposal Facility, LLC  
**Mailing Address:** 12230 Deer Grove Road      **Mailing Address:** 12230 Deer Grove Road  
**City, State, Zip:** Midlothian, VA 23112      **City, State, Zip:** Midlothian, VA 23112

### C. Solid Waste Disposal Facility Information

**Total Property Acreage:** 1,177.63 acres      **Facility Boundary:** 1,177.63 acres  
**Waste Management Boundary Acreage:** 438.1 acres      **Total Capacity:** 54,000,000 cubic yards  
**Maximum Elevation:** 690 ft AMSL      **Total Number of Borings:** 72  
**Lowest Basegrade Elevation:** 270 ft AMSL      **Daily Disposal Limit:** 5,000 tons/day

## II. SITING ASSESSMENT

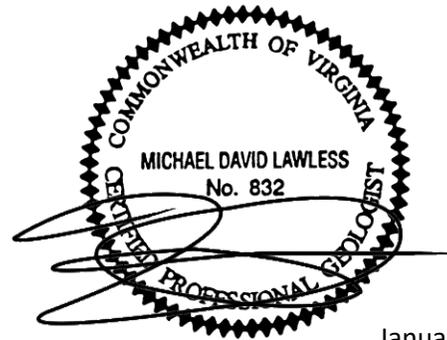
### A. Applicable to All Solid Waste Disposal Facilities

Answer the following questions by entering "yes", "no", or a numeric response, as applicable. For distances, indicate the shortest measured distance from any disposal unit or leachate storage area (i.e. waste management boundary), reported in feet.

Siting Criteria	Response
1. Is the landfill located in a 100 year floodplain?	No
2. Is the landfill located in a geologically stable area?	Yes
3.a.i. Distance to nearest residence:	510 ft
3.a.ii. Distance to nearest school:	Approx. 7.7 miles
3.a.iii. Distance to nearest daycare center:	Approx. 7.5 miles
3.a.iv. Distance to nearest hospital:	Approx. 23.0 miles
3.a.v. Distance to nearest nursing home:	Approx. 7.5 miles
3.a.vi. Distance to nearest recreational park:	Approx. 3.0 miles
3.b. Distance from any perennial stream or river:	100 ft
3.c. Distance from the Facility Boundary:	200 ft
3.d. Distance from any well, spring, or other groundwater source of drinking water in existence at the time of application:	500+ ft
3.e. Distance from the nearest edge of right-of-way of any interstate or primary highway:	4,092 ft
3.f. Distance from the nearest edge of right-of-way of any other highway or city street:	100 ft

Siting Criteria	Response
4. Is the landfill located in a park or recreational area, wildlife management area or area designated by the federal or state agency as the critical habitat of any endangered species?	No
5.a. Does the facility have the ability to conduct groundwater monitoring in accordance with 9 VAC 20-81-250?	Yes
5.b. Does the facility have the ability to characterize the rate and direction of groundwater flow within the uppermost aquifer?	Yes
5.c. Does the facility have the ability to characterize and define any releases from the landfill, so as to determine what corrective actions are necessary?	Yes
5.d. Does the facility have the ability to perform corrective action as necessary?	Yes
6. Is the landfill located in a tidal or nontidal wetland? (Yes or No)	No
6.a. If the answer to #6 is "yes" list the total number of nontidal wetland acres to be impacted:	0 acres
7.a. Does the proposed site include excessive slopes (greater than 33%)?	No
7.b. Does the proposed site lack readily available cover materials or lack of a firm commitment for adequate cover material from a borrow site?	No
7.c. Does the proposed site contain springs, seeps, or other ground water intrusion?	No
7.d. Does the proposed site contain gas, water, sewage, or electrical or other transmission lines?	Yes
7.e. Does the site contain the prior existence of an open dump, unpermitted landfill, lagoon, or similar unit, even if such a unit is closed?	No
8. Does the facility have adequate area and terrain for leachate management?	Yes

Professional Geologist or Professional Engineer  
Certification: To the best of my knowledge, information and belief, the answers to question number 5.a. through 5.d. are, in my professional opinion, in compliance with applicable laws, codes, and ordinances. (Stamp, sign, and date in space to right)



January 17, 2020

**B. Additional Siting Criteria for Sanitary Landfills**

The following criteria are only applicable to sanitary landfills. Answer the following questions by entering "yes", "no", or a numeric response, as applicable. For distances, indicate the shortest measured distance from any disposal unit or leachate storage area (i.e. waste management boundary), reported in feet or miles.

Siting Criteria	Response
9.a. Distance to existing surface or groundwater public water supply intake or reservoir that are downgradient of the landfill (in miles):	15.7 miles
9.b. Distance to existing surface or ground water public water supply intake or reservoir that are upgradient of the landfill (in miles):	3.96 miles
9.c. Is the landfill located in an area vulnerable to flooding caused by dam failures?	No
9.d. Is the landfill located over a sinkhole or within 100 feet of a solution cavern associated with karst topography?	No
9.e. Is the landfill located over a fault that has had displacement in Holocene time?	No
9.f. Distance from a fault that has had displacement in Holocene time (in feet):	200+ ft
9.g. Is the landfill located within a seismic impact zone?	Yes
9.h. Distance from any airport runway end used by turbojet or piston-type aircraft:	>13 miles

### C. Additional Siting Criteria for Construction, Demolition, & Debris Landfills

The following criteria are only applicable to construction, demolition, and debris (CDD) landfills. Answer the following questions by entering "yes", "no", or a numeric response, as applicable. For distances, indicate the shortest measured distance from any disposal unit or leachate storage area (i.e. waste management boundary), reported in feet or miles.

Siting Criteria	Response
10.a. Is the facility located in a strip mine pit?	No
10.b. If the answer to #10.a. is "yes", indicate minimum distance between coal seams / coal outcrops and solid waste materials.	n/a

### D. Variances

Does this application include a variance request(s) to regulatory siting requirements?  Yes  No

If yes, list regulatory citation(s): \_\_\_\_\_

### III. PART A APPLICATION ATTACHMENTS

The following items shall be provided as an attachment to this form and will constitute the facility's Solid Waste Part A Permit application. Please indicate whether each item is 'included' for the proposed facility or facility modification.

Solid Waste Permit Part A Application Attachments	Included?
Attachment I: Cover Letter, Area Map, and Site Location Map	<input checked="" type="checkbox"/>
Attachment II: Disclosure Statements (DEQ Forms DISC-01 and DISC-02)	<input checked="" type="checkbox"/>
Attachment III: Local Government Certification (DEQ Form SW-11-1)	<input checked="" type="checkbox"/>
Attachment IV: Public Participation Documentation	<input checked="" type="checkbox"/>
Attachment V: Disposal Capacity Guarantee	<input checked="" type="checkbox"/>
Attachment VI: Host Agreement (DEQ Form SW-11-2) or Discussion of Disposal Limits/Service Area	<input checked="" type="checkbox"/>
Attachment VII: Demonstration of Need	<input checked="" type="checkbox"/>
Attachment VIII: State Commission Corporation Certification	<input checked="" type="checkbox"/>
Attachment IX: Key Map, Near-Vicinity Map, and Regional Map	<input checked="" type="checkbox"/>
Attachment X: Proof of Ownership Documents	<input checked="" type="checkbox"/>
Attachment XI: Hydrogeologic and Geotechnical Report (must be certified by P.E. or P.G.)	<input checked="" type="checkbox"/>
Attachment XII: Location of Borings and Boring Logs	<input checked="" type="checkbox"/>
Attachment XIII: Laboratory and Field Data	<input checked="" type="checkbox"/>
Attachment XIV: Materials Volume Calculations	<input checked="" type="checkbox"/>
Attachment XV: Geologic Maps, Orthogonal Cross-Sections, and Potentiometric Surface Maps	<input checked="" type="checkbox"/>
Attachment XVI: VDOT Adequacy Report and Approval Letter	<input checked="" type="checkbox"/>
Attachment XVII: Landfill Impact Statement	<input checked="" type="checkbox"/>
Attachment XVIII: Certification and Documentation of Adjacent Property Owner Notification	<input checked="" type="checkbox"/>
Attachment XIX: Discussion of Public Interest Served	<input checked="" type="checkbox"/>
Attachment XX: Airport Proximity and Agency Coordination	<input checked="" type="checkbox"/>
Attachment XXI: FEMA Flood Insurance Rate Map	<input checked="" type="checkbox"/>
Attachment XXII: Wetlands Demonstration and Agency Coordination	<input checked="" type="checkbox"/>
Attachment XXIII: Demonstration Regarding Proximity to a Fault or Siting within a Seismic Impact Zone	<input checked="" type="checkbox"/>
Attachment XXIV: Request for Exemption of Site for 9 VAC 20-81-120.D. and/or 120.F.	<input type="checkbox"/>

**IV. RESPONSIBLE OFFICIAL SIGNATURE**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete.

SIGNATURE:  DATE: January 17, 2020

NAME: Michael D. Lawless, PG

TITLE: Vice President, Draper Aden Associates