| Logo for the Virginia Department of Environmental Quality | Solid Waste Disposal Facility  Part A Application Form, DEQ Form SW PTA |
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Please specify, is this application for a  New Facility or  Part A Modification

# FACILITY INFORMATION

## Facility Location

**Facility Name:**       **Permit No. SWP**

**Location Address:**

**City, State, Zip:**

**Latitude:** Deg  Min  Sec North **Longitude:** Deg  Min  SecWest

## Facility Contact Information

**Contact Person:**       **Contact Title:**

**Contact Phone:**       **Contact E-mail:**

**Owner:**       **Operator:**

**Mailing Address:**       **Mailing Address:**

**City, State, Zip:**       **City, State, Zip:**

## Solid Waste Disposal Facility Information

**Facility Type:** Choose an item. **If other, specify:**

**Total Property Acreage:**       acres **Facility Boundary:**       acres

**Waste Management Boundary Acreage:**       acres **Total Capacity:**       cubic yards

**Maximum Elevation*:***       ft AMSL **Total Number of Borings:**

**Lowest Basegrade Elevation:**       ft AMSL **Daily Disposal Limit:**       tons/day

# Siting Assessment

## 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? |  |
| 2. Is the landfill located in a geologically stable area? |  |
| 3.a.i. Distance to nearest residence: | ft |
| 3.a.ii. Distance to nearest school: | ft |
| 3.a.iii. Distance to nearest daycare center: | ft |
| 3.a.iv. Distance to nearest hospital: | ft |
| 3.a.v. Distance to nearest nursing home: | ft |
| 3.a.vi. Distance to nearest recreational park: | ft |
| 3.b. Distance from any perennial stream or river: | ft |
| 3.c. Distance from the Facility Boundary: | ft |
| 3.d. Distance from any well, spring, or other groundwater source of drinking water in existence at the time of application: | ft |
| 3.e. Distance from the nearest edge of right-of-way of any interstate or primary highway: | ft |
| 3.f. Distance from the nearest edge of right-of-way of any other highway or city street: | ft |
| 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? |  |
| 5.a. Does the facility have the ability to conduct groundwater monitoring in accordance with 9 VAC 20-81-250? |  |
| 5.b. Does the facility have the ability to characterize the rate and direction of ground water flow within the uppermost aquifer? |  |
| 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? |  |
| 5.d. Does the facility have the ability to perform corrective action as necessary? |  |
| 6. Is the landfill located in a tidal or nontidal wetland? (Yes or No) |  |
| 6.a. If the answer to #6 is "yes" list the total number of nontidal wetland acres to be impacted: | acres |
| 7.a. Does the proposed site include excessive slopes (greater than 33%)? |  |
| 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? |  |
| 7.c. Does the proposed site contain springs, seeps, or other ground water intrusion? |  |
| 7.d. Does the proposed site contain gas, water, sewage, or electrical or other transmission lines? |  |
| 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? |  |
| 8. Does the facility have adequate area and terrain for leachate management? |  |

Professional Geologist or ProfessionalEngineer 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)

## 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): | miles |
| 9.b. Distance to existing surface or ground water public water supply intake or reservoir that are upgradient of the landfill (in miles): | miles |
| 9.c. Is the landfill located in an area vunerable to flooding caused by dam failures? |  |
| 9.d. Is the landfill located over a sinkhole or within 100 feet of a solution cavern associated with karst topography? |  |
| 9.e. Is the landfill located over a fault that has had displacement in Holocene time? |  |
| 9.f. Distance from a fault that has had displacement in Holocene time (in feet): | ft |
| 9.g. Is the landfill located within a seismic impact zone? |  |
| 9.h. Distance from any airport runway end used by turbojet or piston-type aircraft: |  |

## 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? |  |
| 10.b. If the answer to #10.a. is "yes" indicate minimum distance between coal seams / coal outcrops and solid waste materials. | ft |

## Variances

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

If yes, list regulatory citation(s):

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

# PART A APPLICATION FEE

In accordance with 9VAC20-81-450.C.1., the applicant shall submit to the department the applicable permit fee under the provisions of [9VAC20-90](https://law.lis.virginia.gov/admincode/title9/agency20/chapter90/). The application fee should be submitted in the form of a check, draft, or postal money order made payable to the Treasurer of Virginia for the required Part A permit application fee. Permit application fees should be mailed to:

DEQ Accounts Receivable

P.O. Box 1104

Richmond, Virginia 23218.

Copy of the check (with account and routing numbers blacked out), draft, or postal money order is included with the permit application submitted to the DEQ Regional Office.

# 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:

NAME:

TITLE: