


Solid Waste Part A Application, DEQ Form SW PTA

	Solid Waste Permit No.		SWP	
	(If applying for new permit DEQ will issue Permit No.)			
	New Solid Waste Management Facility:		<input type="checkbox"/>	Modification of existing Part A Application
Facility Name:		Type of Landfill:		
Facility Location: (Latitude, Longitude, and USGS Quad Map)				
Contact Person:				
Contact Number:		Contact E-mail:		
Owner Name, Address, and Phone:		Operator Name, Address, and Phone:		
Total Property Acreage:		Facility Boundary Acreage:		
WMB Acreage:		Total Number of Borings:		
Maximum Elevation (AMSL):		Total Capacity (cubic yards):		
Lowest Basegrade Elevation (AMSL):		Daily Disposal Limit:		
Answer the following questions by entering "yes", "no", or a numeric response, as applicable				
1. Is the landfill located in a 100 year flood plain?				
2. Is the landfill located in a geologically stable area?				
3. The following distances are the shortest measured distances from any disposal unit or leachate storage area and must be reported in feet				
a. Distance to any residence, school, daycare center, hospital, nursing home or recreational park area in existence at the time of application				
i. Residence				
ii. School				
iii. Daycare center				
iv. Hospital				
v. Nursing home				
vi. Recreational park area				
b. Distance from any perennial stream or river				
c. Distance from the Facility Boundary				
d. Distance from any well, spring or other ground water source of drinking water in existence at the time of application				
e. Distance from the nearest edge of the right-of-way of any interstate or primary highway				
f. Distance from the nearest edge of right-of-way of any other highway or city street				
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. Groundwater monitoring	
a. Does the facility have the ability to conduct groundwater monitoring in accordance with 9 VAC 20-81-250?	
b. Does the facility have the ability to characterize the rate and direction of ground water flow within the uppermost aquifer?	
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?	
d. Does the facility have the ability to perform corrective action as necessary?	
Stamp Professional Geologist or Professional Engineer in space provided, meaning to the best of my knowledge, information and belief, the answers to question #5 are, in my professional opinion, in compliance with applicable laws, codes, and ordinances.	
6. Is the landfill located in a tidal or nontidal wetland? (Yes or No)	
a. If the answer to #6 is "yes" list the total number of nontidal wetland acres to be impacted:	
7. Does the proposed landfill include any of the following site characteristics:	
a. Excessive slopes (greater than 33%)?	
b. Lack of daily cover materials?	
c. Springs, seeps, or other ground water intrusion into the site?	
d. The presence of gas, water, sewage, or electrical or other transmission lines under the site?	
e. The prior existence on the site 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?	
9. Additional restrictions for Sanitary Landfills	
a. Distance to existing surface or ground water public water supply intake or reservoir that are downgradient of the landfill (in miles):	
b. Distance to existing surface or ground water public water supply intake or reservoir that are upgradient of the landfill (in miles):	
c. Is the landfill located in an area vulnerable to flooding caused by dam failures?	
d. Is the landfill located over a sinkhole or within 100 feet of a solution cavern associated with karst topography?	
e. Is the landfill located over a fault that has had displacement in Holocene time?	
f. Distance from a fault that has had displacement in Holocene time (in	
g. Is the landfill located within a seismic impact zone?	
h. Distance from any airport runway end used by turbojet or piston-type aircraft:	
10. Additional restrictions for CDD Landfills	
a. Is the facility located in a strip mine pit?	
b. If the answer to #10.a. is "yes" indicate minimum distance between coal seams / coal outcrops and solid waste materials.	

Attachments. The following attachments must be submitted in the order prescribed, as required.
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 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.

Responsible Official Signature:	
<p>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.</p>	
Name:	Title:
Signature:	Date: