This checklist indicates information included in the permit on the date the checklist was completed. Any approvals, demonstrations or plans the facility may have previously submitted to the Department not included in the permit were not included in this review. Facilities that lack current, facility specific permit modules remain subject to their existing permits, any approved plans, and the standards in the applicable regulations.

10-Year Permit Review, VA Code 10.1 - 1408.1.E.
Permit Review Checklist for Landfills

Reviewed By:	John E. Gersbach, Jr.
Date Reviewed:	4/17/2006
Facility Type:	Sanitary Landfill
Facility Name:	Rappahannock Board
Permit No.:	589
Permit Issued Date:	7/16/1996
Amendment 1 Date:	2/19/2003
Amendment 2 Date:	2/24/2004
Amendment 3 Date:	TBC 2006 (TBC - To Be Completed)
HB1205 Ranking:	
Title V:	N/A

Findings/Deficiencies: The VDEQ anticipates completion of the current permit amendment

Applicable Regs. By Facility Type:

Sanitary Landfill	CDD Landfill	Industrial Landfill	Transfer Station
9 VAC 20-80-250	9 VAC 20-80-260	9 VAC 20-80-270	9 VAC 20-80-340
9 VAC 20-80-520	9 VAC 20-80-520	9 VAC 20-80-520	9 VAC 20-80-320
			9 VAC 20-80-540

Material Recovery	Eng. Rec. & Incin.	Surface Impound.
9 VAC 20-80-360	9 VAC 20-80-370	9 VAC 20-80-380
9 VAC 20-80-320	9 VAC 20-80-320	9 VAC 20-80-320
9 VAC 20-80-540	9 VAC 20-80-530	9 VAC 20-80-540

	Item	Provided (Y/N)	Regulatory Requirement	Comments
I.	**General Information**			
A.	Part A Approval	N	9 VAC 20-80-500 C	provided in the facility permit. To be included as a part of the current permit amendment in 2006.
B.	Approval Date:	mm/dd/yy		2/25/1991
C.	1993 Subtitle D Amendment	Y	9 VAC 20-80-250 A, 9 VAC 20-80-260 A, & 9 VAC 20-80-270 A	Completed as a part of the current, approved Part A permit application.
D.	Part A Expansion	N		being approved under a separate Part A permit application. VDEQ-CO is currently reviewing this

II.	General Site Plans			
A.	Existing Site Conditions	Y	9 VAC 20-80-520 A 1 b	See facility Design Plans (Module III).
B.	Base Grade Plan	Y	9 VAC 20-80-520 A 1 c	See facility Design Plans (Module III).
C.	Modification Plans	Y	9 VAC 20-80-520 A 1 d	See facility Design Plans (Module III).
D.	Phasing Plan	Y	9 VAC 20-80-520 A 1 f & 9 VAC 20-80-520 A 1 h	See facility Design Plans (Module III).
E.	Cross Sections	Y	9 VAC 20-80-520 A 1 h	See facility Design Plans (Module III).
F.	Flood Plain	N	9 VAC 20-80-250 A 2, 9 VAC 20-80-260 A 1, & 9 VAC 20-80-270 A 1	N/A. This facility is not located in the 100-year flood plain (Module III).
G.	Wetlands	N	9 VAC 20-80-250 A.4, 9 VAC 20-80-260 A.6, 9 VAC 20-80-270 A 5	N/A. This facility is not located in a wetland area (Module III).
H.	General Facility Info	Y	9 VAC 20-80-520 B 1 & 9 VAC 20-80-520 B 2	See facility Design Report (Module III).
I.	Site Access	Y	9 VAC 20-80-250 B 1, 9 VAC 20-80-250 B 2, 9 VAC 20-80-260 B 1, 9 VAC 20-80-260 B 2, 9 VAC 20-80-270 B 1, 9 VAC 20-80-270 B 2, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	See facility Design Report (Module III).
J.	Utilities	Y	9 VAC 20-80-250 B 3, 9 VAC 20-80-250 B 5, 9 VAC 20-80-260 B 3, 9 VAC 20-80-260 B 5, 9 VAC 20-80-270 B 3, & 9 VAC 20-80-270 B 5	See facility Design Report (Module III).
K.	Aesthetics	Y	9 VAC 20-80-250 B 4, 9 VAC 20-80-260 B 4, 9 VAC 20-80-270 B 4, & 9 VAC 20-80-520 A 1 j(11)	See facility Design Report (Module III).
L.	Location of Cells	Y	9 VAC 20-80-260 B 13, 9 VAC 20-80-260 B 15, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	See facility Design Report (Module III).
M.	Benchmarks	Y	9 VAC 20-80-250 B 16, 9 VAC 20-80-270 B 9, 9 VAC 20-80-520 A 1 j(1)	See facility Design Report (Module III).
N.	Borrow & Stockpile Areas	Y	9 VAC 20-80-250 C 2, 9 VAC 20-80-520 A 1 j(7), & 9 VAC 20-80-520 A 1 j(8)	See facility Design Report (Module III).
O.	Final Site Topography Plan	Y	9 VAC 20-80-520 A 1 e	See facility Design Plans (Module III).
P.	Monitoring Plan	Y	9 VAC 20-80-520 A 1 g	See facility Design Report (Module III).

III.	Liners			
A.	Regulatory Requirements			
1.	Sanitary Landfills	Y	9 VAC 20-80-250 B 9, 9 VAC 20-80-520 A 1 h, & 9 VAC 20-80-520 B 2	See facility Design Report (Module III).
2.	Other Landfills	N	9 VAC 20-80-260 B 14, 9 VAC 20-80-270 B 14, & 9 VAC 20-80-520 B 2	N/A.
B.	Design Plans and Report			

1.	Liner System	Y	9 VAC 20-80-520 B 2	See facility Design Report (Module III).
a.	Composite	Y		See facility Design Report (Module III).
b.	Single Liner	N		N/A.
c.	None	N		N/A.
2.	Piggy Backing	N		N/A.

IV.	**Liquids Management System**			
A.	Leachate Collection & Control			
1.	Leachate Disposal	Y	9 VAC 20-80-290 D	All leachate collected/disposed in Stafford Co.
a.	POTW	Y	9 VAC 20-80-290 D 1	sanitary sewer system (Module III).
b.	Recirculation	N	9 VAC 20-80-290 D 3	N/A. Leachate recirc. has been proposed but not
c.	Other	N	9 VAC 20-80-290 D	N/A
2.	Leachate Management Plan	Y	9 VAC 20-80-290	See facility Design Report (Module III).
a.	Collection System	Y	9 VAC 20-80-290 A 2	See facility Design Report (Module III).
b.	Storage	Y	9 VAC 20-80-290 A 3	See facility Design Report (Module III).
c.	Leachate Treatment	N	9 VAC 20-80-290 D 4	N/A. Leachate recirc. has been proposed but not
B.	Run-on Control System	Y	9 VAC 20-80-250 B 6 a, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-270 B 13, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	See facility Design Plans (Module III).
C.	Run-off Control System	Y	9 VAC 20-80-250 B 6 b, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 I, & 9 VAC 20-80-520 A 1 j	See facility Design Plans (Module III).

V.	**Gas Management System**			
A.	Management Plan	Y	9 VAC 20-80-250 B 8, 9 VAC 20-80-260 B 9, & 9 VAC 20-80-280	See facility Design Report (Module III).
1.	General Requirements	Y	9 VAC 20-80-280 A	See facility Design Report (Module III).
2.	Monitoring	Y	9 VAC 20-80-280 B,C, & D	See facility Design Report (Module III).
3.	Control	Y	9 VAC 20-80-280 E	See facility Design Report (Module III). An active gas collection/flare system is in operation.
4.	Contingency Plan	Y	9 VAC 20-80-280 E 1 a	See facility Emergency/Contingency Plan (Module
5.	Clean Air Act/ VA Operating Permit	N	9 VAC 20-80-280 E 3	N/A.
B.	Remediation Plan		9 VAC 20-80-280 E 1 c	
1.	Active	Y		See facility Design Report (Module III). An active
2.	Passive	N		N/A.
3.	Combination	N		N/A.

VI.	**Groundwater Monitoring**			
A.	Groundwater Monitoring Plan	Y	9 VAC 20-80-250 B 11, 9 VAC 20-80-300 A 1, 9 VAC 20-80-300 A 3, 9 VAC 20-80-260 B 11, 9 VAC 20-80-300 A 3, 9 VAC 20-80-270 B 12, 9 VAC 20-80-300 A 3, 9 VAC 20-80-520 A 1 g, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	See facility Detection (PN Area 589-Module X)/Assessment (PN Area 74-Module X & XI) Groundwater Monitoring Plans.
1.	Detection	Y	9 VAC 20-80-300 B 2	Plans (PN Area 589-ModuleX & PN Area 74-Module X).

2.	Assessment	Y	9 VAC 20-80-300 B 3	See facility Assessment Groundwater Monitoring
3.	Phase I	Y	9 VAC 20-80-300 C 3	X)/Assessment (PN Area 74-Module X & XI) Groundwater Monitoring Plans.
4.	Phase II	Y	9 VAC 20-80-300 C 4	X)/Assessment (PN Area 74-Module X & XI) Groundwater Monitoring Plans.
5.	GPS	Y	9 VAC 20-80-300 B 3 h	Only applicable to PN Area 74 (Module XI).
6.	Corrective Action	N	9 VAC 20-80-310	N/A.
7.	Phase III	N	No longer applicable	N/A.
8.	Selection of Remedy	N	9 VAC 20-80-310 B	N/A.
9.	Implementation of CA	N	9 VAC 20-80-310 C	N/A.
10.	GW Monitoring System	Y	9 VAC 20-80-300 A 3	See facility Detection (PN Area 589-Module X)/Assessment (PN Area 74-Module X & XI) Groundwater Monitoring Plans.
11.	Wetlands Legislation	N		N/A. This facility is not located in a wetland area.
a.	Demonstration Approved	Y		Previously approved.
b.	Quarterly Monitoring	Y		PN Area 74-quarterly groundwater monitoring; PN Area 589-semi-Annual groundwater monitoring.

VII.	**Operations Manual**			
A.	Service Information	Y	9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, 9 VAC 20-80-520 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	See facility Operations Manual (Module II).
B.	Personnel	Y	9 VAC 20-80-250 C 6, 9 VAC 20-80-520 C 2 k, 9 VAC 20-80 530 E, & 9 VAC 20-80-540 D	See facility Operations Manual (Module II).
C.	Site Access	Y	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, & 9 VAC 20-80-270 C 1	See facility Operations Manual (Module II).
1.	Hours of Operation	Y	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, 9 VAC 20-80-270 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-520 C 2 i, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	See facility Operations Manual (Module II).
2.	Traffic Routing	Y	9 VAC 20-80-250 C 13 d, 9 VAC 20-80-250 C 13 e, 9 VAC 20-80-270 C 10, 9 VAC 20-80-270 C 18, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	See facility Operations Manual (Module II).
D.	Waste Handling	Y	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	See facility Operations Manual (Module II).
1.	Types of Wastes	Y	9 VAC 20-80-10, 9 VAC 20-80-250 C 1, 9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, & 9 VAC 20-80-270 C 14	See facility Operations Manual (Module II).
2.	Litter Control	Y	9 VAC 20-80-250 C 13 a & 9 VAC 20-80-260 C 2	See facility Operations Manual (Module II).
3.	Dust, Odor, Vectors	Y	9 VAC 20-80-250 C 13 b, 9 VAC 20-80-260 C 3, & 9 VAC 20-80-270 C 2	See facility Operations Manual (Module II).

4.	Open Burning	Y	9 VAC 20-80-250 C 8, 9 VAC 20-80-260 C 6, 9 VAC 20-80-270 C 5	See facility Operations Manual (Module II).
5.	Unauthorized Waste Acceptance Plan	N	9 VAC 20-80-250 C 1 & 9 VAC 20-80-520 C 2 f	Unauthorized Waste Control Plan submitted for approval.
E.	Filling Operation	Y	9 VAC 20-80-250 C 13 f, 9 VAC 20-80-270 C 12 a, & 9 VAC 20-80-270 C 15	See facility Operations Manual (Module II).
F.	Handling of Special Wastes	Y	9 VAC 20-80-250 C 16 b, 9 VAC 20-80-250 C 16 o, 9 VAC 20-80-C 16 t, 9 VAC 20-80-250 C 16 x, & 9 VAC 20-80-270 C 11	See facility Operations Manual (Module II).
G.	Equipment	Y	9 VAC 20-80-250 C 6, 9 VAC 20-80-260 C 5, 9 VAC 20-80-270 C 4, 9 VAC 20-80-270 C 17, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	See facility Operations Manual (Module II).
H.	Compaction and Cover	Y	9 VAC 20-80-250 C 2, 9 VAC 20-80-260 C 11, & 9 VAC 20-80-270 C 11	See facility Operations Manual (Module II).
1.	ADC Approvals	N	9 VAC 20-80-250 C 2 c	N/A.
I.	Safety	Y	9 VAC 20-80-250 C 5, 9 VAC 20-80-260 C 4, 9 VAC 20-80-270 C 3, & 9 VAC 20-80-520 C 2 h	See facility Operations Manual (Module II).
J.	Inspection	Y	9 VAC 20-80-250 C 1, 9 VAC 20-80-270 C 14, & 9 VAC 20-80-520 C 2 f	See facility Operations Manual (Module II).
K.	Control & Monitoring of Liquids & Gases	Y	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	See facility Operations Manual (Module II).
L.	Records	Y	9 VAC 20-80-250 C 18, 9 VAC 20-80-260 C 9, 9 VAC 20-80-270 C 7, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	See facility Operations Manual (Module II).

VIII.	**Closure Plan**			
A.	General	Y	9 VAC 20-80-250 E 9 VAC 20-80-260 E, 9 VAC 20-80-270 E, 9 VAC 20-80-320 C, 9 VAC 20-80-330 E, 9 VAC 20-80-340 E, 9 VAC 20-80-360 E, 9 VAC 20-80-370 E, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E, 9 VAC 20-80-470 E, 9 VAC 20-80-520 A 1 e, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, 9 VAC 20-80-540 E, & 9 VAC 20-80-560	See facility Closure Plans (PN Area 589 - Module XII & XIII and PN Area 74 - Module XII-A & XIII-A).
1.	Units & Status	Y	9 VAC 20-80-250 E 4, 9 VAC 20-80-260 E 3, & 9 VAC 20-80-270 E 3	See facility Closure Plans (PN Area 589 - Module XII & XIII and PN Area 74 - Module XII-A & XIII-A).
2.	Capped Area Approvals	Y	9 VAC 20-80-250 E 5 b, & 9 VAC 20-80-260 E 7	XII & XIII and PN Area 74 - Module XII-A & XIII-A).

B.	Time-frames for Closure	Y	9 VAC 20-80-250 E 3, 9 VAC 20-80-260 E 3, 9 VAC 20-80-270 E 3, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, & 9 VAC 20-80-540 E	See facility Closure Plans (PN Area 589 - Module XII & XIII and PN Area 74 - Module XII-A & XIII-A).
C.	Closure of Disposal Units	Y	9 VAC 20-80-250 E 1, 9 VAC 20-80-250 E 5, 9 VAC 20-80-260 E 1, 9 VAC 20-80-270 E 1, 9 VAC 20-80-270 E 5, & 9 VAC 20-80-320 C	See facility Closure Plans (PN Area 589 - Module XII & XIII and PN Area 74 - Module XII-A & XIII-A).
1.	Surface Impoundments	Y	9 VAC 20-80-380 B	
D.	Cover Design	Y	9 VAC 20-80-250 E 1 b(1), 9 VAC 20-80-260 E 1 b(1), & 9 VAC 20-80-270 E 1 b(1)	See facility Closure Plans (PN Area 589 - Module XII & XIII and PN Area 74 - Module XII-A & XIII-A).
E.	E&S Control Plan	Y	9 VAC 20-80-250 E 1 b(2), 9 VAC 20-80-260 E 1 b(2), & 9 VAC 20-80-270 E 1 b(2)	See facility Closure Plans (PN Area 589 - Module XII & XIII and PN Area 74 - Module XII-A & XIII-A).
F.	Schedule for Closure	Y	9 VAC 20-80-250 E 3 a(4), 9 VAC 20-80-260 E 2 a(2), 9 VAC 20-80-270 E 2 a(2), 9 VAC 20-80-330 E 3, 9 VAC 20-80-340 E 3, 9 VAC 20-80-360 E 3, 9 VAC 20-80-370 E 3, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E 3, & 9 VAC 20-80-470 E 3	See facility Closure Plans (PN Area 589 - Module XII & XIII and PN Area 74 - Module XII-A & XIII-A).
G.	Notification	Y	9 VAC 20-80-250 E 5 d, 9 VAC 20-80-260 E 5, & 9 VAC 20-80-270 E 6	See facility Closure Plans (PN Area 589 - Module XII & XIII and PN Area 74 - Module XII-A & XIII-A).
H.	Inspection	Y	9 VAC 20-80-250 E 6&7, 9 VAC 20-80-260 E 5 & 6, 9 VAC 20-80-270 E 5 & 6	See facility Closure Plans (PN Area 589 - Module XII & XIII and PN Area 74 - Module XII-A & XIII-A).

IX.	**Post Closure Plan**			
A.	General	Y	9 VAC 20-80-250 F, 9 VAC 20-80-260 F, & 9 VAC 20-80-270 F	See facility Post Closure Care Plans (PN Area 589 - Module XII & XIII and PN Area 74 - Module XII-A & XIII-A).
1.	Post Closure Period Required	Y	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	See facility Post Closure Care Plans (PN Area 589 - Module XII & XIII and PN Area 74 - Module XII-A & XIII-A).
2.	Years Remaining	Y	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	See facility Post Closure Care Plans (PN Area 589 - Module XII & XIII and PN Area 74 - Module XII-A & XIII-A).
B.	Monitoring Plan	Y	9 VAC 20-80-250 F 4 a, 9 VAC 20-80-260 F 3 a, & 9 VAC 20-80-270 F 3 a	See facility Post Closure Care Plans (PN Area 589 - Module XII & XIII and PN Area 74 - Module XII-A & XIII-A).
C.	Post Closure Uses	Y	9 VAC 20-80-250 F 4 c, 9 VAC 20-80-260 F 3 c, & 9 VAC 20-80-270 F 3 c	Post closure use of landfill is not specified at this time.

X.	**Financial Assurance**		9 VAC 20-70-10	
A.	Cost Est. Approval		9 VAC 20-70-111 & 112	Pending approval from Regional Office
B.	Mechanism	Y	9 VAC 20-70-140	Local government financial test

This checklist indicates information included in the permit on the date the checklist was completed. Any approvals, demonstrations or plans the facility may have previously submitted to the Department not included in the permit were not included in this review. Facilities that lack current, facility specific permit modules remain subject to their existing permits, any approved plans, and the standards in the applicable regulations.

10-Year Permit Review, VA Code 10.1 - 1408.1.E.
Permit Review Checklist for Landfills

Reviewed By:	Paul Farrell
Date Reviewed:	4/12/2006
Facility Type:	Sanitary Landfill
Facility Name:	Laurel Valley Landfill
Permit No.:	590
Permit Issued Date:	5/9/1997
Amendment 1 Date:	
Amendment 2 Date:	
Amendment 3 Date:	
HB1205 Ranking:	N/A
Title V:	N/A

Findings/Deficiencies:

This facility has not been constructed.

monitoring will be necessary due to proximity to wetlands.

The Operations Manual should be updated to include an Unauthorized Waste Acceptance Plan. (9 VAC 20-80-250.C.1 & 9 VAC 20-80-520.C.2.f)

The Closure Plan should include the requirement for a closure inspection by the Department. (9 VAC 20-80-250.E.6 & 7)

The approved Financial Assurance cost estimate should be included in the Closure/Post-Closure Plan. (9 VAC 20-70-111 & 112)

Applicable Regs. By Facility Type:

Sanitary Landfill	CDD Landfill	Industrial Landfill	Transfer Station
9 VAC 20-80-250	9 VAC 20-80-260	9 VAC 20-80-270	9 VAC 20-80-340
9 VAC 20-80-520	9 VAC 20-80-520	9 VAC 20-80-520	9 VAC 20-80-320
			9 VAC 20-80-540

Material Recovery	Eng. Rec. & Incin.	Surface Impound.
9 VAC 20-80-360	9 VAC 20-80-370	9 VAC 20-80-380
9 VAC 20-80-320	9 VAC 20-80-320	9 VAC 20-80-320
9 VAC 20-80-540	9 VAC 20-80-530	9 VAC 20-80-540

	Item	Provided (Y/N)	Regulatory Requirement	Comments
I.	**General Information**			
A.	Part A Approval	Y	9 VAC 20-80-500 C	permit. and the Jan. 24, 1994, Subtitle D special approval, is in the permit.
B.	Approval Date:	mm/dd/yy		
C.	1993 Subtitle D Amendment	Y	9 VAC 20-80-250 A, 9 VAC 20-80-260 A, & 9 VAC 20-80-270 A	The Jan 24, 1994, Subtitle D special approval, is in the permit.
D.	Part A Expansion	N		

II.	**General Site Plans**			

A.	Existing Site Conditions	Y	9 VAC 20-80-520 A 1 b	
B.	Base Grade Plan	Y	9 VAC 20-80-520 A 1 c	
C.	Modification Plans	Y	9 VAC 20-80-520 A 1 d	
D.	Phasing Plan	Y	9 VAC 20-80-520 A 1 f & 9 VAC 20-80-520 A 1 h	
E.	Cross Sections	Y	9 VAC 20-80-520 A 1 h	
F.	Flood Plain	Y	9 VAC 20-80-250 A 2, 9 VAC 20-80-260 A 1, & 9 VAC 20-80-270 A 1	
G.	Wetlands	N	9 VAC 20-80-250 A.4, 9 VAC 20-80-260 A.6, 9 VAC 20-80-270 A 5	Wetlands are discussed in the Part A Application approval.
H.	General Facility Info	Y	9 VAC 20-80-520 B 1 & 9 VAC 20-80-520 B 2	
I.	Site Access	Y	9 VAC 20-80-250 B 1, 9 VAC 20-80-250 B 2, 9 VAC 20-80-260 B 1, 9 VAC 20-80-260 B 2, 9 VAC 20-80-270 B 1, 9 VAC 20-80-270 B 2, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	
J.	Utilities	Y	9 VAC 20-80-250 B 3, 9 VAC 20-80-250 B 5, 9 VAC 20-80-260 B 3, 9 VAC 20-80-260 B 5, 9 VAC 20-80-270 B 3, & 9 VAC 20-80-270 B 5	
K.	Aesthetics	Y	9 VAC 20-80-250 B 4, 9 VAC 20-80-260 B 4, 9 VAC 20-80-270 B 4, & 9 VAC 20-80-520 A 1 j(11)	
L.	Location of Cells	Y	9 VAC 20-80-260 B 13, 9 VAC 20-80-260 B 15, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	
M.	Benchmarks	Y	9 VAC 20-80-250 B 16, 9 VAC 20-80-270 B 9, 9 VAC 20-80-520 A 1 j(1)	
N.	Borrow & Stockpile Areas	Y	9 VAC 20-80-250 C 2, 9 VAC 20-80-520 A 1 j(7), & 9 VAC 20-80-520 A 1 j(8)	
O.	Final Site Topography Plan	Y	9 VAC 20-80-520 A 1 e	
P.	Monitoring Plan	Y	9 VAC 20-80-520 A 1 g	

III.	**Liners**			
A.	Regulatory Requirements			
1.	Sanitary Landfills	Y	9 VAC 20-80-250 B 9, 9 VAC 20-80-520 A 1 h, & 9 VAC 20-80-520 B 2	
2.	Other Landfills	N	9 VAC 20-80-260 B 14, 9 VAC 20-80-270 B 14, & 9 VAC 20-80-520 B 2	Only sanitary landfill is proposed.
B.	Design Plans and Report			
1.	Liner System	Y	9 VAC 20-80-520 B 2	

a.	Composite	Y		
b.	Single Liner	N		Only Subtitle D composite liner is proposed.
c.	None	N		Only Subtitle D composite liner is proposed.
2.	Piggy Backing	N		Not proposed

IV.	**Liquids Management System**			
A.	Leachate Collection & Control			
1.	Leachate Disposal	Y	9 VAC 20-80-290 D	Each phase will have a leachate pond.
a.	POTW	Y	9 VAC 20-80-290 D 1	Treatment Plant
b.	Recirculation	N	9 VAC 20-80-290 D 3	Not proposed
c.	Other	N	9 VAC 20-80-290 D	Not proposed
2.	Leachate Management Plan	Y	9 VAC 20-80-290	
a.	Collection System	Y	9 VAC 20-80-290 A 2	
b.	Storage	Y	9 VAC 20-80-290 A 3	
c.	Leachate Treatment	N	9 VAC 20-80-290 D 4	Not proposed
B.	Run-on Control System	Y	9 VAC 20-80-250 B 6 a, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-270 B 13, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	
C.	Run-off Control System	Y	9 VAC 20-80-250 B 6 b, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 I, & 9 VAC 20-80-520 A 1 j	

V.	**Gas Management System**			
A.	Management Plan	Y	9 VAC 20-80-250 B 8, 9 VAC 20-80-260 B 9, & 9 VAC 20-80-280	
1.	General Requirements	Y	9 VAC 20-80-280 A	
2.	Monitoring	Y	9 VAC 20-80-280 B,C, & D	
3.	Control	Y	9 VAC 20-80-280 E	
4.	Contingency Plan	Y	9 VAC 20-80-280 E 1 a	
5.	Clean Air Act/ VA Operating Permit	N/A	9 VAC 20-80-280 E 3	
B.	Remediation Plan		9 VAC 20-80-280 E 1 c	
1.	Active	N		
2.	Passive	Y		Passive vents
3.	Combination	N		

VI.	**Groundwater Monitoring**			
A.	Groundwater Monitoring Plan	Y	9 VAC 20-80-250 B 11, 9 VAC 20-80-300 A 1, 9 VAC 20-80-300 A 3, 9 VAC 20-80-260 B 11, 9 VAC 20-80-300 A 3, 9 VAC 20-80-270 B 12, 9 VAC 20-80-300 A 3, 9 VAC 20-80-520 A 1 g, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	
1.	Detection	Y	9 VAC 20-80-300 B 2	
2.	Assessment	N	9 VAC 20-80-300 B 3	

3.	Phase I	N	9 VAC 20-80-300 C 3	Only for Construction Demolition Debris (CDD), Industrial (ILF), or non-subtitle D landfills
4.	Phase II	N	9 VAC 20-80-300 C 4	Only for CDD, ILF, or non-subtitle D landfills
5.	GPS	Y	9 VAC 20-80-300 B 3 h	
6.	Corrective Action	Y	9 VAC 20-80-310	
7.	Phase III	N	No longer applicable	
8.	Selection of Remedy	N	9 VAC 20-80-310 B	
9.	Implementation of CA	N	9 VAC 20-80-310 C	
10.	GW Monitoring System	Y	9 VAC 20-80-300 A 3	
11.	Wetlands Legislation	N		Semi-annual monitoring in the permit. Quarterly
a.	Demonstration Approved	N		
b.	Quarterly Monitoring	N		

VII.	**Operations Manual**			
A.	Service Information	Y	9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, 9 VAC 20-80-520 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
B.	Personnel	Y	9 VAC 20-80-250 C 6, 9 VAC 20-80-520 C 2 k, 9 VAC 20-80 530 E, & 9 VAC 20-80-540 D	
C.	Site Access	Y	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, & 9 VAC 20-80-270 C 1	
1.	Hours of Operation	Y	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, 9 VAC 20-80-270 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-520 C 2 i, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
2.	Traffic Routing	Y	9 VAC 20-80-250 C 13 d, 9 VAC 20-80-250 C 13 e, 9 VAC 20-80-270 C 10, 9 VAC 20-80-270 C 18, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
D.	Waste Handling	Y	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
1.	Types of Wastes	Y	9 VAC 20-80-10, 9 VAC 20-80-250 C 1, 9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, & 9 VAC 20-80-270 C 14	
2.	Litter Control	Y	9 VAC 20-80-250 C 13 a & 9 VAC 20-80-260 C 2	
3.	Dust, Odor, Vectors	Y	9 VAC 20-80-250 C 13 b, 9 VAC 20-80-260 C 3, & 9 VAC 20-80-270 C 2	
4.	Open Burning	Y	9 VAC 20-80-250 C 8, 9 VAC 20-80-260 C 6, 9 VAC 20-80-270 C 5	

5.	Unauthorized Waste Acceptance Plan	N	9 VAC 20-80-250 C 1 & 9 VAC 20-80-520 C 2 f	
E.	Filling Operation	Y	9 VAC 20-80-250 C 13 f, 9 VAC 20-80-270 C 12 a, & 9 VAC 20-80-270 C 15	
F.	Handling of Special Wastes	Y	9 VAC 20-80-250 C 16 b, 9 VAC 20-80-250 C 16 o, 9 VAC 20-80-C 16 t, 9 VAC 20-80-250 C 16 x, & 9 VAC 20-80-270 C 11	
G.	Equipment	Y	9 VAC 20-80-250 C 6, 9 VAC 20-80-260 C 5, 9 VAC 20-80-270 C 4, 9 VAC 20-80-270 C 17, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
H.	Compaction and Cover	Y	9 VAC 20-80-250 C 2, 9 VAC 20-80-260 C 11, & 9 VAC 20-80-270 C 11	
1.	ADC Approvals	Y	9 VAC 20-80-250 C 2 c	Geotextile Fabric is proposed and approved in the permit. Will need 6 month demonstration prior to full operational approval.
I.	Safety	Y	9 VAC 20-80-250 C 5, 9 VAC 20-80-260 C 4, 9 VAC 20-80-270 C 3, & 9 VAC 20-80-520 C 2 h	
J.	Inspection	Y	9 VAC 20-80-250 C 1, 9 VAC 20-80-270 C 14, & 9 VAC 20-80-520 C 2 f	
K.	Control & Monitoring of Liquids & Gases	Y	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
L.	Records	Y	9 VAC 20-80-250 C 18, 9 VAC 20-80-260 C 9, 9 VAC 20-80-270 C 7, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	

VIII.	**Closure Plan**			
A.	General	Y	9 VAC 20-80-250 E 9 VAC 20-80-260 E, 9 VAC 20-80-270 E, 9 VAC 20-80-320 C, 9 VAC 20-80-330 E, 9 VAC 20-80-340 E, 9 VAC 20-80-360 E, 9 VAC 20-80-370 E, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E, 9 VAC 20-80-470 E, 9 VAC 20-80-520 A 1 e, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, 9 VAC 20-80-540 E, & 9 VAC 20-80-560	
1.	Units & Status	Y	9 VAC 20-80-250 E 4, 9 VAC 20-80-260 E 3, & 9 VAC 20-80-270 E 3	
2.	Capped Area Approvals	Y	9 VAC 20-80-250 E 5 b, & 9 VAC 20-80-260 E 7	
B.	Time-frames for Closure	Y	9 VAC 20-80-250 E 3, 9 VAC 20-80-260 E 3, 9 VAC 20-80-270 E 3, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, & 9 VAC 20-80-540 E	

C.	Closure of Disposal Units	Y	9 VAC 20-80-250 E 1, 9 VAC 20-80-250 E 5, 9 VAC 20-80-260 E 1, 9 VAC 20-80-270 E 1, 9 VAC 20-80-270 E 5, & 9 VAC 20-80-320 C	
1.	Surface Impoundments	Y	9 VAC 20-80-380 B	
D.	Cover Design	Y	9 VAC 20-80-250 E 1 b(1), 9 VAC 20-80-260 E 1 b(1), & 9 VAC 20-80-270 E 1 b(1)	
E.	E&S Control Plan	Y	9 VAC 20-80-250 E 1 b(2), 9 VAC 20-80-260 E 1 b(2), & 9 VAC 20-80-270 E 1 b(2)	
F.	Schedule for Closure	Y	9 VAC 20-80-250 E 3 a(4), 9 VAC 20-80-260 E 2 a(2), 9 VAC 20-80-270 E 2 a(2), 9 VAC 20-80-330 E 3, 9 VAC 20-80-340 E 3, 9 VAC 20-80-360 E 3, 9 VAC 20-80-370 E 3, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E 3, & 9 VAC 20-80-470 E 3	The closure schedule needs to be updated for Phase I and Phase II.
G.	Notification	Y	9 VAC 20-80-250 E 5 d, 9 VAC 20-80-260 E 5, & 9 VAC 20-80-270 E 6	
H.	Inspection	N	9 VAC 20-80-250 E 6&7, 9 VAC 20-80-260 E 5 & 6, 9 VAC 20-80-270 E 5 & 6	Include requirement for Department inspection to verify closure.

IX.	**Post Closure Plan**			
A.	General	Y	9 VAC 20-80-250 F, 9 VAC 20-80-260 F, & 9 VAC 20-80-270 F	
1.	Post Closure Period Required	N	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	
2.	Years Remaining	N	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	
B.	Monitoring Plan	Y	9 VAC 20-80-250 F 4 a, 9 VAC 20-80-260 F 3 a, & 9 VAC 20-80-270 F 3 a	
C.	Post Closure Uses	Y	9 VAC 20-80-250 F 4 c, 9 VAC 20-80-260 F 3 c, & 9 VAC 20-80-270 F 3 c	

X.	**Financial Assurance**		9 VAC 20-70-10	
A.	Cost Est. Approval	N	9 VAC 20-70-111 & 112	
B.	Mechanism	N	9 VAC 20-70-140	