

**REPORT OF THE VIRGINIA DEPARTMENT
OF ENVIRONMENTAL QUALITY**

**Nonhazardous Solid Waste Fee
Study – A Report of
Recommendations from the
Nonhazardous Solid Waste Fee
Study Working Group (Chapter
275, 2021 SSI)**

**TO THE GOVERNOR AND
THE GENERAL ASSEMBLY OF VIRGINIA**



SENATE DOCUMENT NO. 15

**COMMONWEALTH OF VIRGINIA
RICHMOND
2021**

NONHAZARDOUS SOLID WASTE FEE STUDY
Chapter 275 (2021 Special Session 1 Acts of Assembly)

**A Report of the Recommendations from the Nonhazardous
Solid Waste Fee Study Working Group**

December 2021

I. Executive Summary

This report is prepared by the Department of Environmental Quality (DEQ) to report the recommendations of the Nonhazardous Solid Waste Fee Study Working Group (Working Group) formed by DEQ pursuant to § 1 of Chapter 275 of the 2021 Special Session 1 Acts of Assembly (SB 1210).

II. Background and Process

§ 1 of Chapter 275 of the 2021 Special Session 1 Acts of Assembly (SB 1210) directs DEQ to:

convene a working group for the purpose of developing an annual fee schedule for nonhazardous solid waste management facilities to replace the current annual fee schedule set forth in § 10.1-1402.1:1 of the Code of Virginia. The working group shall include representatives of (i) private sector companies that own or operate nonhazardous waste solid waste management facilities, (ii) local governments that own or operate nonhazardous solid waste management facilities, (iii) public service authorities and waste management authorities, (iv) an environmental organization, and (v) any other parties that the Director determines would assist the group in its deliberations. The Director, or his designee, shall preside over the group and shall make Department of Environment Quality (the Department) staff available as necessary to assist and support the group in its deliberations. The working group shall convene no later than August 1, 2021, and shall meet as necessary thereafter. The Department shall submit to the Governor and the General Assembly by December 1, 2021, a summary of the working group's discussions and recommendations for a schedule of annual fees to replace the schedule in § 10.1-1402.1:1 of the Code of Virginia that shall, at a minimum, be sufficient to reflect the direct costs of permitting, compliance, inspection, monitoring, training, and enforcement as set forth in the Department's budget for the nonhazardous solid waste management program when aggregated and combined with the permit fees assessed and collected pursuant to § 10.1-1402.1 of the Code of Virginia.

Consistent with this directive, DEQ convened the Nonhazardous Solid Waste Fee Study Working Group (Working Group). Working Group members are listed in Attachment A.

The Working Group met on July 30, August 31, September 22,¹ and October 22, 2021 to review and develop recommendations concerning the appropriate solid waste fee structure for funding the direct costs of permitting, compliance, inspection, monitoring,

¹ A quorum of the Working Group was not present for the September 22 meeting. Those members present for that meeting continued discussions to offer ideas for consideration by the group during the October 22 meeting.

training, and enforcement as set forth in the Department's budget for the nonhazardous solid waste management program.

DEQ staff provided the group with program costs and revenue projections based on the current fees structure which are provided as Attachment B. DEQ staff also provided the Group with information regarding workload estimates as well as other information requested by group members.

Consensus was tested with respect to each recommendation proposed by the group, with the level of interest defined as follows:

3 – Strongly Support

2 – Some reservations, but can live with it and will not oppose it

1 – Serious concerns make it impossible to support and may actively oppose it

Consensus was achieved so long as all members *present* indicated a level of interest of “2” or “3”. No consensus would be reached if any one member expressed a level of interest of “1.”

It is important to note that when convening a stakeholder group, assuring representation in equal numbers among varying interests can be a challenge. Moreover, it can be difficult for all members of the stakeholder group to attend all meetings of the group. Accordingly, the actual number of people responding in a particular way in a straw poll is less significant than the overall view of whether consensus could be obtained and the concerns expressed about why consensus could not be achieved.

III. Current Solid Waste Fee Structure

Currently, DEQ collects annual fees and permit application fees pursuant to §§ 10.1-1402, 10.1-1402.1 and 10.1-1402.1:1 of the Virginia Code and 9 VAC 20-90. For FY 2021, fees collected totaled approximately \$2.9 million. These fees cover approximately 42 percent of the total direct costs of approximately \$6.8 million. As discussed above, SB 1210 (2021 Special Session 1) directed the Working Group to develop recommendations for a schedule of annual fees to replace the schedule in § 10.1-1402.1:1 of the Code of Virginia that “shall, at a minimum, be sufficient to reflect the direct costs of permitting, compliance, inspection, monitoring, training, and enforcement as set forth in the Department's budget for the nonhazardous solid waste management program when aggregated and combined with the permit fees assessed and collected pursuant to § 10.1-1402.1 of the Code of Virginia.”

IV. Recommendations of the Nonhazardous Solid Waste Fee Study Working Group

The Working Group was able to reach consensus on the following recommendations to meet the directive of SB 1210 for recommendations for an annual fees schedule to cover the full direct costs of the program:

Annual Fees Schedule

The Working Group discussed options and recommendations related to adjusting the annual fee schedule set forth in § 10.1-1402.1:1. The Working Group did not recommend eliminating, and assumed continuing, an annual adjustment for inflation (based on the consumer price index) as provided in the current fee schedule in state law. In developing its recommendations, the Working Group considered the current annual fees paid by each facility type, the workload estimate value assigned to each facility type (based on information and estimates from DEQ staff) and the total additional revenue needed to cover the total direct costs of the program. The Working Group reached consensus on the following recommendations for adjusting the annual fee schedule set forth in § 10.1-1402.1:1 of the Virginia Code:

- Because some active sanitary, construction demolition debris and non-captive industrial landfills remain active, with all of the workload to DEQ staff associated with that, but take in very small amounts of waste, the group determined each sanitary landfill, construction demolition debris (CDD) landfill, and non-captive industrial landfill should be assessed an annual fee of the greater of \$12,000 or \$0.30/ton.
- Similarly, the Working Group determined that each incinerator and energy recovery facility should be assessed an annual fee of the greater of \$6,000 or \$0.0647/ton.
- The group determined that a single, flat annual fee should be assessed for active captive industrial landfills and that the two-tiered fee was no longer appropriate (after discussions indicating that DEQ staff workload associated with such facilities was not necessarily different for smaller versus larger facilities. The annual fee for active captive industrial landfills (small and large) would be \$32,000.
- The flat annual fee structure for facilities in post-closure care should be maintained but increased to a flat annual fee of \$7,500.
- The flat, annual fee structure should be maintained, but adjusted, for certain facilities that generally receive regulatory permits by rule for their operations and require less DEQ staff time and resources. The annual fees for these facilities would be as follows:
 - Composting \$5,500
 - Regulated medical waste \$5,500
 - Material recovery facilities \$6,500
 - Transfer stations \$6,500
- The Working Group determined a new flat annual fee of \$12,000 should be assessed for surface impoundments with a permit.

- The Working Group determined that a new flat annual fee of \$6,500 should be assessed for barge facilities.

A spreadsheet of the recommended fees and projected revenues that was used by the Working Group is provided as Attachment C. These recommended fees are projected to generate approximately \$6.7 million in annual fees revenue based on the current estimated number of facilities, facility types and tonnage of waste disposed.

Application Fees

Although not specifically required by the directive of SB 1210, the Working Group also discussed, and developed recommendations for, increasing permit application fees associated with the nonhazardous solid waste program. Permit application fees are established by regulation (rather than statute). On average, DEQ collects approximately \$87,000 in application fees each year.² Although the nature of permit application fees is such that they do not provide a consistent revenue stream, the Working Group noted that the permit application fees had not been adjusted since 2004 and recommended that the permit application fees also be adjusted.³

The Working Group reached consensus on the following recommendations for adjusting the permit application fees set forth in 9 VAC 20-90 (and the permit application fee schedules set forth in 9 VAC 20-90-120):

- With a few exceptions noted below, the Working Group recommended adjusting all current program permit application fees by an amount corresponding to the approximate increase in the Consumer Price Index (CPI) since 2004 ($\approx 32\%$).
- The Working Group determined that the base fee associated with an application for a variance should be \$750.
- The Working Group determined that the application fees for a Permit by Rule initial review should be \$1500 and then \$750 for each modification.
- The Working Group determined that major permit actions, amendments or modifications (including all modules) should be adjusted for CPI increases since 2004 but should be no lower than \$750.
- The Working Group recommended establishing a new \$750 permit application fee for minor modifications.⁴
- The Working Group recommended an annual CPI adjustment to all permit application fees going forward.⁵

² Due to the variability and unpredictability of revenue collected from application fees each year, this average was estimated based on fees collected over a six year period.

³ Although not part of the express directive of SB 1210, the group discussed the importance of adjusting and adding permit application fees as another mechanism for ensuring that entities using the program and its resources pay a share of the costs of the program.

⁴ Although the Virginia Waste Management Board has authority to establish permit application fees in regulation, a statutory change would be required to provide the Board with authority to establish a fee for minor modifications.

⁵ Although the Virginia Waste Management Board has authority to establish permit application fees in regulation, a statutory change would be required to provide the Board with authority to annual CPI

The proposed new permit application fees specifically considered by the working group and for which consensus was achieved is provided as Attachment D. These application fees would be projected to generate on average approximately \$144,000 annually.⁶

Administrative Recommendation for DEQ

The Working Group appreciated the information and workload estimates DEQ staff were able to provide to facilitate the work of the group. The group also recognized the constraints of DEQ's time and leave tracking system and the differences and distinctions of tracking the time and activities of staff engaged in regulatory work across a variety of types of facilities, but suggested that improvements or adjustments to such tracking may provide more detailed data if fees and workload need to be reviewed in the future. The Working Group reached consensus on a recommendation to DEQ that it consider implementing more timecard tasks in its time tracking system so that if future fee adjustments are needed, a more detailed workload analysis can be developed.

V. Conclusion

The Nonhazardous Solid Waste Fees Study Working Group held its last meeting on October 22, 2021. DEQ staff prepared this report on behalf of the Working Group and based on the discussions and consensus recommendations of the Working Group.

adjustment for application fees.

⁶ Due to the variability and unpredictability of revenue collected from application fees each year, this average was estimated based on fees collected over a six year period.

ATTACHMENT A

Nonhazardous Solid Waste Fee Study

Work Group Member List

Regulated Community, Private Sector

Bob Pfister, Meridian Waste	Alternate: None
Joe Benedetto III, RDS Virginia	Alternate: None
Jason Williams, Waste Management	Alternate: None
Tim Torrez, Republic Services	Alternate: None
Gina Pisoni, J.D., Dominion Energy	Alternate: Dennis Slade
Don Cammarata, Covanta	Alternate: Cal Whitehead
Ken Newman, Royal Oak Farm, LLC	Alternate: Craig Coker

Regulated Community, Local Governments

Joe Wilder, Frederick County, DPW	Alternate: None
Josh Byerly, Henrico County, DPU	Alternate: Jon Clary
Gary Kelly, City of Virginia Beach DPW	Alternate: None

Regulated Community, Public Service and Waste Management Authorities

Joe Levine, New River Resource Authority	Alternate: None
Bill Mawyer, Rivanna Authorities	Alternate: Phillip McKalips
Dennis Bagley, Southeastern Public Service Authority	Alternate: None

Environmental Organizations

Aleta Daniels, Keep Prince William Beautiful, Inc.	Alternate: Ricardo Fleshman
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ATTACHMENT B

DEQ Solid Waste Annual Projected Costs	
	Amount
Total Personnel Costs (Salaries and Benefits only)	\$6,077,359
Travel, Training	\$122,802
Skilled Services	\$59,720
Supplies, Equipment, Telecom, Other misc.	\$80,806
Agency Service Charges (Legal Fees, Workers Comp)	\$230,600
IT System costs: online submittals/ Application upgrade	\$250,000
Total Projected Discretionary Costs (all other Non-personnel costs)	\$743,928
Total Projected Direct Costs	\$6,821,288
Fee Revenue Collections in FY 2021	\$2,890,459
Difference in Direct Costs and Permit Fee Collections	(\$3,930,828)
Percent Fee Revenue / Total DIRECT Cost	42.4%

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DEQ

Revenue: VA Waste Mgmt Board Permit Program						
	2016	2017	2018	2019	2020	2021
Solid Waste Facility Permit App Fee	(39,340)	(10,040)	(20,930)	(1,300)	(13,970)	(12,250)
Solid Waste Facility Permit Mod Fee	(47,020)	(54,270)	(111,000)	(49,970)	(102,230)	(63,600)
Solid Waste Annual Permit Fee	(2,283,455)	(2,362,358)	(2,458,477)	(2,573,378)	(2,558,995)	(2,793,528)
Interest From Other Sources	(7,577)	(13,536)	(19,554)	(33,202)	(38,013)	(13,630)
Past Due Accts Rec Fees/Costs	-	(6,525)	(13,338)	(2,520)	(1,128)	(7,431)
Refund-Exp/Misc Disburse Fr Yr	-	(17)	(15)	-	-	(21)
Program Total Revenue	(2,377,392)	(2,446,746)	(2,623,313)	(2,660,370)	(2,714,337)	(2,890,459)

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DEQ

ATTACHMENT C

Target Revenue: \$ 6,821,288.00
 Permitting Money: \$ 144,700.00 Revised for Proposed Fee Schedule
 Annual Fee Target: \$ 6,676,588.00

Category	Number of Units	2020 Annual Fee Rate	Waste Received (CY2020 SWIA)	Billed Tonnage (CY2020 SWIA)	Projected Revenue	Current % of Total Revenue	Workload Estimate	Needed Revenue	Fee Per Facility	Fee Per Tonnage	2020 Annual Fee Rate	Proposal	Proposed Revenue	Fee Increase (New/Old)	Revenue Increase	Proposed to Needed	Proposed-Need / Need
Sanitary, CDD, & non-captive Industrial Landfills	68	\$ 0.14	14,369,749.71	13,189,859.89	\$ 1,783,269.07	62.9%	58.39%	\$ 3,898,132.12	\$ 57,325.47	\$ 0.30	\$ 0.14	\$ 0.30	\$ 4,165,983.57	222%	134%	107%	7%
Sanitary landfills	50	\$ 0.14	12,173,998.51	11,162,442.16	\$ 1,511,866.18	53.35%	49.50%	\$ 3,305,111.25	\$ 66,102.23	\$ 0.30	\$ 0.14						
Construction and demolition debris landfills	15	\$ 0.14	1,932,114.23	1,750,009.58	\$ 236,801.30	8.35%	7.39%	\$ 493,627.63	\$ 32,908.51	\$ 0.28	\$ 0.14						
Industrial landfills	3	\$ 0.14	263,836.97	257,408.25	\$ 34,801.60	1.23%	1.49%	\$ 99,393.24	\$ 33,131.08	\$ 0.39	\$ 0.14						
Incinerators and energy recovery facilities	7	\$ 0.06	2,319,838.71	2,236,488.74	\$ 144,700.82	5.11%	0.87%	\$ 58,138.37	\$ 8,305.48	\$ 0.03	\$ 0.08	\$ 0.0647	\$ 164,285.27	100%	14%	283%	183%
Industrial landfills - Captive Large	3	\$ 8,820.00		581,268.53	\$ 26,460.00	0.93%	1.46%	\$ 97,189.34	\$ 32,399.78	\$ 0.17	\$ 8,820.00	\$ 32,000	\$ 96,000	363%	263%	99%	-1%
Industrial landfills - Captive Small	17	\$ 2,940.00		435,236.72	\$ 40,960.00	1.76%	8.27%	\$ 552,350.25	\$ 32,491.19	\$ 1.27	\$ 2,940.00	\$ 32,000	\$ 544,000	1069%	988%	88%	-2%
Surface Impoundments	7	\$ -	-	-	\$ -	0.00%	3.01%	\$ 201,018.14	\$ 28,716.89	\$ -	\$ -	\$ 12,000	\$ 84,000	-	-	42%	-58%
Units in post-closure care	100	\$ 1,176.00	-	-	\$ 117,800.00	4.15%	17.48%	\$ 1,167,155.12	\$ 11,671.55	\$ 1,176.00	\$ -	\$ 7,500	\$ 750,000	638%	538%	64%	-36%
Composting	15	\$ 1,411.00	320,607.82		\$ 21,165.00	0.75%	0.88%	\$ 58,888.84	\$ 3,912.46	\$ 1,411.00	\$ 5,500	\$ 5,500	\$ 82,500	390%	290%	141%	41%
Regulated medical waste	15	\$ 2,940.00	11,587.68		\$ 44,100.00	1.56%	1.04%	\$ 69,107.87	\$ 4,507.19	\$ 2,940.00	\$ 5,500	\$ 5,500	\$ 82,500	187%	87%	119%	19%
Materials recovery	56	\$ 5,292.00	2,566,926.81		\$ 291,050.00	10.27%	4.48%	\$ 298,918.96	\$ 5,434.89	\$ 5,292.00	\$ 6,500	\$ 367,500	\$ 367,500	123%	23%	129%	20%
Transfer station	35	\$ 6,468.00	3,040,063.90		\$ 355,740.00	12.55%	3.93%	\$ 262,719.60	\$ 4,776.72	\$ 6,468.00	\$ 6,500	\$ 367,500	\$ 367,500	100%	0%	136%	36%
Berge Facility	1	\$ -	-		\$ -	0.00%	0.20%	\$ 13,163.40	\$ 13,163.40	\$ -	\$ -	\$ 6,500	\$ 6,500	-	-	-	-
Total Units	343				Grand Total \$ 2,834,074.89		Grand Total	\$ 6,676,988.00	\$ 277,621.07			Total	\$ 6,680,689				
													\$ (14,100.63)				

Calendar Year equal to 2020

Fee Calculation: (Tonnage Landfills - Ash Tonnage Landfills) x \$ton fee

* 10.1-102.1-1 Exempts ash generated by Virginia's permitted waste incinerators and energy recovery facilities from the annual fees assessed.

Project ID	County/PRN	Facility Category	Eligible Status	Tonnage	Annual Fee	Ash Tonnage	Proposed Fee	\$12,000 Minimum	
								Proposed Fee	Proposed Revenue
							\$	0.30	
SWP331	N	Construction and demolition debris landfills	IN	-	\$	-	\$	-	\$ 12,000.00
SWP433	Y	Construction and demolition debris landfills	AC	-	\$	-	\$	-	\$ 12,000.00
SWP524	N	Construction and demolition debris landfills	AC	-	\$	-	\$	-	\$ 12,000.00
SWP072	N	Sanitary landfills	AC	-	\$	-	\$	-	\$ 12,000.00
SWP149	N	Sanitary landfills	IN	-	\$	-	\$	-	\$ 12,000.00
SWP228	N	Sanitary landfills	AC	-	\$	-	\$	-	\$ 12,000.00
SWP498	N	Sanitary landfills	IN	-	\$	-	\$	-	\$ 12,000.00
SWP445	N	Construction and demolition debris landfills	AC	0.13	\$	0.02	\$	0.04	\$ 12,000.00
SWP569	N	Sanitary landfills	AC	9.26	\$	1.25	\$	2.78	\$ 12,000.00
SWP575	N	Sanitary landfills	AC	1,450.00	\$	196.04	\$	455.00	\$ 12,000.00
SWP103	N	Sanitary landfills	AC	356,319.75	\$	593.89	\$	1,318.82	\$ 12,000.00
SWP041	N	Construction and demolition debris landfills	AC	8,237.00	\$	1,113.54	\$	2,471.10	\$ 12,000.00
SWP594	N	Sanitary landfills	AC	12,345.44	\$	1,669.10	\$	3,703.63	\$ 12,000.00
SWP581	N	Construction and demolition debris landfills	AC	12,740.50	\$	1,722.52	\$	3,822.15	\$ 12,000.00
SWP327	N	Construction and demolition debris landfills	AC	12,307.00	\$	1,799.11	\$	3,992.10	\$ 12,000.00
SWP384	N	Sanitary landfills	AC	17,019.00	\$	2,308.97	\$	5,105.70	\$ 12,000.00
SWP260	N	Industrial landfills	AC	20,688.20	\$	2,797.04	\$	6,206.46	\$ 12,000.00
SWP398	N	Sanitary landfills	AC	21,051.00	\$	2,846.10	\$	6,315.30	\$ 12,000.00
SWP567	N	Sanitary landfills	AC	22,267.15	\$	3,010.52	\$	6,660.15	\$ 12,000.00
SWP495	N	Sanitary landfills	AC	25,373.92	\$	3,430.55	\$	7,612.14	\$ 12,000.00
SWP566	N	Sanitary landfills	AC	25,563.00	\$	3,456.12	\$	7,668.90	\$ 12,000.00
SWP504	N	Industrial landfills	AC	27,230.00	\$	3,681.50	\$	8,169.00	\$ 12,000.00
SWP584	N	Sanitary landfills	AC	28,471.15	\$	3,984.50	\$	8,841.35	\$ 12,000.00
SWP563	N	Sanitary landfills	AC	30,540.63	\$	4,129.09	\$	9,162.19	\$ 12,000.00
SWP582	N	Sanitary landfills	AC	35,446.00	\$	4,782.30	\$	10,633.60	\$ 12,000.00
SWP461	N	Sanitary landfills	AC	36,381.89	\$	4,918.85	\$	10,914.60	\$ 12,000.00
SWP500	N	Sanitary landfills	AC	40,070.00	\$	5,417.45	\$	12,021.00	\$ 12,021.00
SWP513	N	Sanitary landfills	AC	40,348.40	\$	5,455.10	\$	12,104.52	\$ 12,104.52
SWP605	N	Sanitary landfills	AC	44,569.30	\$	6,025.77	\$	13,370.79	\$ 13,370.79
SWP075	N	Sanitary landfills	AC	45,114.21	\$	6,099.44	\$	13,534.26	\$ 13,534.26
SWP591	N	Construction and demolition debris landfills	AC	48,627.16	\$	6,574.39	\$	14,588.15	\$ 14,588.15
SWP469	N	Sanitary landfills	AC	48,839.00	\$	6,616.55	\$	14,681.70	\$ 14,681.70
SWP493	N	Construction and demolition debris landfills	AC	53,666.10	\$	7,255.65	\$	16,099.83	\$ 16,099.83
SWP577	N	Sanitary landfills	AC	54,963.00	\$	7,431.00	\$	16,488.90	\$ 16,488.90
SWP574	N	Construction and demolition debris landfills	AC	61,795.00	\$	8,354.82	\$	18,538.80	\$ 18,538.80
SWP579	N	Sanitary landfills	AC	62,759.00	\$	8,485.02	\$	18,827.70	\$ 18,827.70
SWP571	N	Sanitary landfills	AC	71,395.45	\$	9,652.66	\$	21,418.64	\$ 21,418.64
SWP598	N	Sanitary landfills	AC	79,357.99	\$	10,729.20	\$	23,807.40	\$ 23,807.40
SWP548	N	Sanitary landfills	AC	80,663.00	\$	10,905.64	\$	24,198.90	\$ 24,198.90
SWP564	N	Sanitary landfills	AC	84,189.53	\$	11,382.42	\$	25,256.86	\$ 25,256.86
SWP417	N	Sanitary landfills	AC	98,034.32	\$	13,254.32	\$	29,410.48	\$ 29,410.48
SWP555	N	Sanitary landfills	AC	101,629.17	\$	13,740.26	\$	30,488.75	\$ 30,488.75
SWP588	N	Sanitary landfills	AC	105,845.33	\$	14,445.49	\$	32,053.60	\$ 32,053.60
SWP441	N	Construction and demolition debris landfills	AC	114,087.18	\$	15,424.59	\$	34,226.15	\$ 34,226.15
SWP529	N	Sanitary landfills	AC	125,333.46	\$	16,945.08	\$	37,600.04	\$ 37,600.04
SWP547	N	Sanitary landfills	AC	138,170.53	\$	18,680.66	\$	41,451.16	\$ 41,451.16
SWP062	N	Sanitary landfills	AC	139,008.13	\$	18,793.90	\$	41,702.44	\$ 41,702.44
SWP585	N	Sanitary landfills	AC	146,871.11	\$	19,870.49	\$	44,091.33	\$ 44,091.33
SWP270	N	Construction and demolition debris landfills	AC	147,932.00	\$	20,000.41	\$	44,379.60	\$ 44,379.60
SWP610	N	Sanitary landfills	AC	194,199.66	\$	26,255.82	\$	58,259.96	\$ 58,259.96
SWP065	N	Industrial landfills	AC	209,480.05	\$	28,323.05	\$	62,847.02	\$ 62,847.02
SWP001	N	Sanitary landfills	AC	209,774.12	\$	28,361.46	\$	62,932.24	\$ 62,932.24
SWP589	N	Sanitary landfills	AC	218,468.41	\$	29,536.93	\$	65,540.52	\$ 65,540.52
SWP604	N	Construction and demolition debris landfills	AC	231,715.15	\$	31,327.89	\$	69,514.55	\$ 69,514.55
SWP603	N	Construction and demolition debris landfills	AC	278,176.35	\$	37,609.44	\$	83,452.91	\$ 83,452.91
SWP583	N	Sanitary landfills	AC	326,016.77	\$	44,077.47	\$	97,805.03	\$ 97,805.03
SWP544	N	Sanitary landfills	AC	359,841.93	\$	48,650.63	\$	107,852.58	\$ 107,852.58
SWP028	N	Sanitary landfills	AC	376,048.00	\$	50,841.69	\$	112,814.40	\$ 112,814.40
SWP553	N	Sanitary landfills	AC	484,130.79	\$	66,806.48	\$	148,239.24	\$ 148,239.24
SWP572	N	Sanitary landfills	AC	535,825.82	\$	72,443.62	\$	160,747.69	\$ 160,747.69
SWP531	N	Sanitary landfills	AC	653,005.24	\$	88,286.31	\$	195,901.57	\$ 195,901.57
SWP554	N	Sanitary landfills	AC	664,318.96	\$	89,815.92	\$	199,295.69	\$ 199,295.69
SWP580	N	Sanitary landfills	AC	771,358.13	\$	101,760.67	\$	225,800.31	\$ 225,800.31
SWP506	N	Construction and demolition debris landfills	AC	779,725.02	\$	105,418.82	\$	233,917.51	\$ 233,917.51
SWP587	N	Sanitary landfills	AC	923,347.00	\$	124,836.51	\$	277,004.10	\$ 277,004.10
SWP540	N	Sanitary landfills	AC	963,718.73	\$	130,294.77	\$	289,115.62	\$ 289,115.62
SWP562	N	Sanitary landfills	AC	1,191,495.97	\$	161,090.26	\$	357,448.79	\$ 357,448.79
SWP586	N	Sanitary landfills	AC	1,549,908.58	\$	209,547.78	\$	464,972.88	\$ 464,972.88
							\$	3,956,958.00	\$ 4,165,903.57

							\$6,000 minimum Proposed Revenue
			2020 Annual Tonnage	2020 Annual Fee (\$/ton)	Proposed Fee \$	0.0647	Min or \$/ton
PBR503	Y	Incinerator: AC	3.03	\$ 0.20	\$ 0.20		\$ 6,000.00
PBR173	N	Incinerator: AC	560.55	\$ 36.27	\$ 36.27		\$ 6,000.00
PBR197	N	Incinerator: AC	573.00	\$ 37.07	\$ 37.07		\$ 6,000.00
SWP297	N	Incinerator: AC	67,110.00	\$ 4,342.02	\$ 4,342.02		\$ 6,000.00
PBR551	N	Incinerator: AC	350,539.00	\$ 22,679.87	\$ 22,679.87		\$ 22,679.87
PBR500	N	Incinerator: AC	620,861.16	\$ 40,169.72	\$ 40,169.72		\$ 40,169.72
PBR545	N	Incinerator: AC	1,196,842.00	\$ 77,435.68	\$ 77,435.68		\$ 77,435.68
					Total	\$ 144,700.82	\$ 164,285.27

ATTACHMENT D

TABLE 3.1-1. NEW OR INITIAL ISSUANCE OR ACTION.

CPI Increase 2004 to today 32%

TYPE OF FACILITY	FEE	CPI Increase	Proposed
All landfills:			
Part A application	\$4,180	\$ 5,532.75	\$ 5,500.00
Part B application	\$18,680	\$ 24,725.31	\$ 25,000.00
Experimental Solid Waste Facility	\$2,090	\$ 3,090.00	\$ 3,000.00
Permit-by-rule Initial Review and Confirmation	\$390	\$ 1,500.00	\$ 1,500.00
Emergency Permit	\$2,310	\$ 3,057.57	\$ 3,000.00

TABLE 3.1-2. MAJOR PERMIT ACTIONS, AMENDMENTS, OR MODIFICATIONS.

CPI Increase 2004 to today 32%

TYPE OF PERMIT MODULE	FEE	CPI Adj	Proposed
Landfill Part A	\$4,180	\$ 5,517.60	\$ 5,500
General - Module I	\$390	\$ 514.80	\$ 750
Facility - Module II	\$1,310	\$ 1,729.20	\$ 1,750
Landfill - Module III, IV, or V	\$7,050	\$ 9,306.00	\$ 9,300
Design plan review	\$910	\$ 1,201.20	\$ 1,200
Liner design review	\$1,960	\$ 2,587.20	\$ 2,600
Leachate system review	\$1,310	\$ 1,729.20	\$ 1,750
Gas management plan review	\$1,700	\$ 2,244.00	\$ 2,500
Drainage plan review	\$910	\$ 1,201.20	\$ 1,200
Cover design review	\$1,830	\$ 2,415.60	\$ 2,400
Equipment	\$390	\$ 514.80	\$ 750
Groundwater monitoring - Module X or XI	\$3,260	\$ 4,303.20	\$ 4,300
Well placement	\$1,310	\$ 1,729.20	\$ 1,750
Materials and specifications	\$390	\$ 514.80	\$ 750
Sampling plan	\$1,570	\$ 2,072.40	\$ 2,000
Closure - Module XII	\$390	\$ 514.80	\$ 750
Post-closure - Module XIII	\$390	\$ 514.80	\$ 750
Corrective action - Module XIV	\$3,000	\$ 3,960.00	\$ 4,000
Leachate handling Module XV	\$1,310	\$ 1,729.20	\$ 1,750
Permit-by-rule Modification Review and Confirmation	\$390	\$ 514.80	\$ 750
Public participation (does not include costs of newspaper	\$1,040	\$ 1,372.80	\$ 1,500
Minor Modifications	-	-	\$ 750

TABLE 3.1-3. VARIANCE REQUESTS.

CPI Increase 2004 to today 32%

TYPE OF VARIANCE	FEE	CPI Adj	Proposed
Base fee for all variances	\$390		\$ 750
Supplemental fees based on variance type			
Exemption from classification as a solid waste	\$520	\$ 686.40	\$ 700
Variance to permitting requirements			
Siting requirements	\$520	\$ 686.40	\$ 700
Facility design (other than alternate liner design)	\$520	\$ 686.40	\$ 700
Operational requirements	--		
Groundwater monitoring (other than groundwater	\$920	\$ 1,214.40	\$ 1,200
Closure requirements	--		
Post-closure requirements	--		
Groundwater Protection Standards	--		
Alternate liner system design	\$1,570	\$ 2,072.40	\$ 2,000
Location of groundwater monitoring system	\$920	\$ 1,214.40	\$ 1,200

Revenue: VA Waste Mgmt Board Permit Program						
	2016	2017	2018	2019	2020	2021
Solid Waste Facility Permit App Fee	(39,340)	(10,040)	(20,930)	(1,300)	(13,970)	(12,250)
Solid Waste Facility Permit Mod Fee	(47,020)	(54,270)	(111,000)	(49,970)	(102,230)	(63,600)
Solid Waste Annual Permit Fee	(2,283,455)	(2,362,358)	(2,458,477)	(2,573,378)	(2,558,995)	(2,793,528)
Interest From Other Sources	(7,577)	(13,536)	(19,554)	(33,202)	(38,013)	(13,630)
Past Due Accts Rec Fees/Costs	-	(6,525)	(13,338)	(2,520)	(1,128)	(7,431)
Refund-Exp/Misc Disburse Pr Yr	-	(17)	(15)	-	-	(21)
Program Total Revenue	(2,377,392)	(2,446,746)	(2,623,313)	(2,660,370)	(2,714,337)	(2,890,459)

Total Permit App + Mod Fees	\$ 86,360.00	\$ 64,310.00	\$ 131,930.00	\$ 51,270.00	\$ 116,200.00	\$ 75,850.00	Average \$ 87,653.33
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Estimated Permit Revenue Adjusted for PROPOSED Permit Fees

Revenue: VA Waste Mgmt Board Permit Program						
	2016	2017	2018	2019	2020	2021
Solid Waste Facility Permit App Fee	59,850	14,250	32,150	2,950	13,970	17,750
Solid Waste Facility Permit Mod Fee	65,000	76,900	149,800	89,050	102,230	86,550
Solid Waste Facility Minor Mod Fee	31,500	24,750	30,000	27,000	36,000	28,500
Solid Waste Annual Permit Fee	(2,283,455)	(2,362,358)	(2,458,477)	(2,573,378)	(2,558,995)	(2,793,528)
Interest From Other Sources	(7,577)	(13,536)	(19,554)	(33,202)	(38,013)	(13,630)
Past Due Accts Rec Fees/Costs	-	(6,525)	(13,338)	(2,520)	(1,128)	(7,431)
Refund-Exp/Misc Disburse Pr Yr	-	(17)	(15)	-	-	(21)
Program Total Revenue	(2,377,392)	(2,446,746)	(2,623,313)	(2,660,370)	(2,714,337)	(2,890,459)

Total Permit App + Mod Fees	\$ 156,350.00	\$ 115,900.00	\$ 211,950.00	\$ 99,000.00	\$ 152,200.00	\$ 132,800.00	Average \$ 144,700.00
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Proposed Fee

\$ 750.00

Permit Application Received Data

Fiscal Year	Minor Mod
2016	42
2017	33
2018	40
2019	36
2020	48
2021	38

