

## Appendix O Financial Plan

### A. Funding Mechanisms and Revenue Generated

There are several funding mechanisms available to Solid Waste Management Districts in Ohio. The purpose of this section is to explain the revenue producing mechanisms used by the Darke County Solid Waste Management District, to list expected expenses of the District's programs and services, and to demonstrate that the District can fund the requirements of this plan for the entire planning period.

The funding mechanism for the Darke County Solid Waste Management District is a tonnage fee which is remitted to the Darke County Solid Waste District as a condition of the Designation Agreements between the District and the disposal facilities which are designated to accept solid waste which is generated within the District.

1. *Disposal Fee:* A disposal fee is a fee on solid waste that is disposed of in a landfill or incinerator located in the District. Since there are no landfills or other disposal facilities in the Darke County SWMD, the disposal fee is not applicable to this District.

**Table O-1 Disposal Fee Schedule and Revenue** - Omitted It is not a funding mechanism for this District.

2. *Generation Fee:* A generation fee is a fee that is paid at the disposal facility that accepts waste from the District and is remitted back to the District. Collection and remittance of the fee is required of Ohio Facilities my Ohio Law.

**Table O-2 Generation Fee Schedule and Revenue** - Omitted It is not a funding mechanism for this District.

3. *Designation Fees:* The designation fee is the primary funding mechanism for the District. The collection of this fee is permitted by Ohio Revised Code 3734.573. The Generation fee as described above only applies to waste delivered to Ohio landfills since it was created and is enforced by Ohio law. Since the District borders on Indiana, there is a high likelihood that waste from the District may be taken to out-of-state facilities that are not obligated to pay the generation fee. The District is funded by a Designation Fee which is remitted to the district as a result of Designation Agreements. The District enters into agreements with landfills and transfer facilities in Ohio and Indiana that receive waste from the District. The amount of the Designation fee and the estimated revenue is shown in Table O-3.

**Table O-3      Designation Fee Schedule and Revenue**

Year	Designation Fee Schedule (\$ per ton)	Total Designation Fee Revenue (\$)
2014	\$6.00	\$197,419
2015	\$6.00	\$219,827
2016	\$8.00	\$272,311
2017	\$8.00	\$329,842
<b>2018</b>	<b>\$8.00</b>	<b>\$329,705</b>
2019	\$8.00	\$335,361
2020	\$8.00	\$412,223
2021	\$8.00	\$375,519
2022	\$8.00	\$374,745
2023	\$8.00	\$374,112
2024	\$8.00	\$373,643
2025	\$8.00	\$353,384
2026	\$8.00	\$353,706
2027	\$8.00	\$354,239
2028	\$9.00	\$399,395
2029	\$9.00	\$397,298
2030	\$9.00	\$395,213
2031	\$9.00	\$393,120
2032	\$9.00	\$391,035
2033	\$9.00	\$388,950
2034	\$9.00	\$386,858
2035	\$9.00	\$384,772
2036	\$9.00	\$383,871

**2018 reference year.** Planning period is shaded.

Calculation: Tons for the planning period years, 2022 on are using projected disposal from Table D-6 Appendix D multiplied by the fee amount: Calculation for 2022: 46,843 x \$8.00 = \$374,745.

Note: The amounts entered for 2018, 2019, and 2020 are the actual amounts of generation fees collected in those years. Note that the amount recorded as received in 2019 was less than the amount calculated using 2019 disposal figures. The 2020 amount entered is more than the amount expected. The District believe this difference is due to the timing of payments. However, since verified 2020 in-state and out-of-state disposal amounts have not been available until recently, the District will carefully compare revenue to calculated revenue to assure that the District is receiving the designation fee to which it is entitled.

## Darke County Solid Waste Management Plan Update 2021

In 2016, the District implemented the \$8 per ton designation fee as planned. In this Plan the District will continue the \$8 per ton fee through 2028. This Plan anticipates an increase in the fee as of January 1, 2029. However, the District will be preparing the five-year plan update before that increase will go into effect and may make changes in the amount of the fee in the next plan update.

4. *Debt/Loans:* The District does not have any debts or loans and does not plan to incur debt during the planning period. **Table O-4 – Loans** - Not Included in this plan.
5. *Other Sources of District Revenue*

**Table O-5      Other Sources of Revenue**

Year	Reimburse-ments	Grants	Donations	County Contributions	Interest	Projects	Total Other Revenue
2014	\$5,013	\$14,813			\$1,157	\$3,850	\$24,833
2015	\$27,551		\$250				\$27,801
2016	\$8,234	\$13,693	\$1,775				\$23,702
2017	\$9,050		\$1,519	\$729			\$11,298
<b>2018</b>	<b>\$16,178</b>	<b>\$15,000</b>	<b>\$1,650</b>				\$32,828
2019	\$14,118		\$1,450				\$15,568
2020	\$1,212		\$5,706				\$6,918
2021	\$5,000		\$1,600				\$6,600
2022		\$7,500	\$1,600				\$9,100
2023			\$1,600				\$1,600
2024		\$7,500	\$1,600				\$9,100
2025			\$1,600				\$1,600
2026		\$7,500	\$1,600				\$9,100
2027			\$1,600				\$1,600
2028		\$7,500	\$1,600				\$9,100
2029			\$1,600				\$1,600
2030			\$1,600				\$1,600
2031		\$7,500	\$1,600				\$9,100
2032			\$1,600				\$1,600
2033			\$1,600				\$1,600
2034		\$7,500	\$1,600				\$9,100
2035			\$1,600				\$1,600
2036			\$1,600				\$1,600

Source(s) of Information: 2014 through 2020 show actual income. 2020 income is from the first half of the year only.

## Darke County Solid Waste Management Plan Update 2021

Sample Calculations: The Total Other Revenue is the total of all columns.

Assumptions: See narrative below.

**Reimbursements:** The amounts listed were reimbursements to the District for various items or programs for which the District paid and was reimbursed. The larger portion of reimbursements was for recycled plastic benches, signs, and other outdoor products for which the District paid and was reimbursed by other county agencies and local governments. Payments from participants in the Tire Recycling Event and Household Hazardous Waste Collection were included in the amounts shown. Reimbursement revenue was not included in the projections for 2022 and beyond. Reimbursements offset expenses. The expenses from 2022 on do not include purchase of plastic outdoor products or other optional expenses so reimbursements are not included.

**Grants:** The availability of grant funds, and the District's success in being awarded grants is not predictable. In the past grant funds have been used to help with special projects like Trash Bash and the Tire Collection Event. The District will continue to seek grant funding to support projects. Considering the unpredictability of grant funding, the amounts projected are small and sporadic. If the District does not receive grant assistance for special projects, the District may be able to continue the projects with District funds, downsize the project, seek cosponsors and donations, or charge fees to defray the cost. The District will continue to seek grant funding to support projects. Grant funds, if awarded, will allow the District to expand the scope and quality of projects.

**Donations:** The projected donations are based on past donation amounts. The projected amount is the average of 6 years with the lowest and highest year omitted.

**Other fund sources:** The other sources shown, interest, county contribution, and project revenue were one-time events. Future revenue is not projected for these categories.

### 6 Summary of District Revenues

**Table O-6 Total Revenue**

Year	Disposal Fees	Generation Fees	Designation Fees	Other Revenue	Total Revenue
2014	\$0	\$0	\$197,419	\$24,833	\$222,252
2015	\$0	\$0	\$219,827	\$27,801	\$247,628
2016	\$0	\$0	\$272,311	\$23,702	\$296,013
2017	\$0	\$0	\$329,842	\$11,298	\$341,140
<b>2018</b>	<b>\$0</b>	<b>\$0</b>	<b>\$329,705</b>	<b>\$32,828</b>	<b>\$362,533</b>
2019	\$0	\$0	\$335,361	\$15,568	\$350,929
2020	\$0	\$0	\$412,223	\$6,918	\$419,141
2021	\$0	\$0	\$375,519	\$6,600	\$382,119

## Darke County Solid Waste Management Plan Update 2021

Year	Disposal Fees	Generation Fees	Designation Fees	Other Revenue	Total Revenue
2022	\$0	\$0	\$374,745	\$9,100	\$383,845
2023	\$0	\$0	\$374,112	\$1,600	\$375,712
2024	\$0	\$0	\$373,643	\$9,100	\$382,743
2025	\$0	\$0	\$353,384	\$1,600	\$354,984
2026	\$0	\$0	\$353,706	\$9,100	\$362,806
2027	\$0	\$0	\$354,239	\$1,600	\$355,839
2028	\$0	\$0	\$355,018	\$9,100	\$364,118
2029	\$0	\$0	\$397,298	\$1,600	\$398,898
2030	\$0	\$0	\$395,213	\$1,600	\$396,813
2031	\$0	\$0	\$393,120	\$9,100	\$402,220
2032	\$0	\$0	\$391,035	\$1,600	\$392,635
2033	\$0	\$0	\$388,950	\$1,600	\$390,550
2034	\$0	\$0	\$386,858	\$9,100	\$395,958
2035	\$0	\$0	\$384,772	\$1,600	\$386,372
2036	\$0	\$0	\$383,871	\$1,600	\$385,471

Total Revenue is the sum of the designation fee revenue from Table O-3 and Other Revenue form table O-5.

### B. Cost of Implementing Plan

Table O – 7 that follows provides information about the District’s actual expenses from 2014 through the reference year 2018, actual expenses for 2019, and the estimated expenses for 2020. The 2020 expenses include actual expenses for the first 6 months of the year and an estimate for the remainder of the year. Expenses are projected for 2021 and the planning period 2022 through 2036.

Note: The total expenses reported here for 2014 through 2019 are the same as those reported in the District Quarterly Revenue and Expense Report to Ohio EPA. In the attached table some of those expenses may be reported in a different category than on the original report. In reviewing old reports, the reason some expenses were assigned to a particular category was not clear. We did some research and decided that some expenses were not categorized correctly. Some expenses were assigned to different categories to allow comparisons and projections to be based on historicl expenditures.

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<a href="#">HOME</a>	Table O-7: Expenses												
Line #	Category/Program	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>1</b>	<b>1. Plan Monitoring/Prep.</b>	<b>\$0</b>	<b>\$3,288</b>	<b>\$940</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,111</b>	<b>\$13,000</b>	<b>\$4,500</b>	<b>\$1,500</b>	<b>\$1,500</b>	<b>\$8,000</b>	<b>\$8,000</b>
1.a	a. Plan Preparation	\$0	\$3,288					\$12,000	\$3,500		\$1,500	\$7,000	\$7,000
1.b	b. Plan Monitoring			\$940			\$1,111	\$1,000	\$1,000	\$1,500		\$1,000	\$1,000
<b>2</b>	<b>2. Plan Implementation</b>	<b>\$305,797</b>	<b>\$291,180</b>	<b>\$321,815</b>	<b>\$284,769</b>	<b>\$222,953</b>	<b>\$268,020</b>	<b>\$269,140</b>	<b>\$282,261</b>	<b>\$289,928</b>	<b>\$295,547</b>	<b>\$301,286</b>	<b>\$307,137</b>
2.a	a. District Administration	\$161,202	\$164,998	\$204,727	\$162,365	\$150,336	\$193,953	\$197,832	\$201,788	\$205,824	\$209,940	\$214,140	\$218,422
2.a.1	Personnel	\$111,159	\$112,593	\$111,820	\$115,446	\$106,741	\$122,572	\$125,023	\$127,523	\$130,074	\$132,675	\$135,329	\$138,035
2.a.2	Office Overhead	\$50,043	\$52,405	\$92,907	\$46,919	\$43,595	\$71,381	\$72,809	\$74,265	\$75,750	\$77,265	\$78,811	\$80,387
2.a.3	Other												
<b>2.b</b>	<b>b. Facility Operation</b>	<b>\$0</b>	<b>\$7,577</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
2.b.1	MRF/Recycling Center												
2.b.2	Compost		\$7,577										
2.b.3	Transfer												
2.b.4	Special Waste												
2.c	c. Landfill Closure/Post-Closure												
<b>2.d</b>	<b>d. Recycling Collection</b>	<b>\$40,617</b>	<b>\$35,404</b>	<b>\$34,944</b>	<b>\$51,529</b>	<b>\$34,017</b>	<b>\$36,778</b>	<b>\$38,078</b>	<b>\$39,178</b>	<b>\$43,987</b>	<b>\$44,858</b>	<b>\$45,755</b>	<b>\$46,670</b>
2.d.1	Curbside												
2.d.2	Drop-off	\$40,617	\$26,035	\$34,944	\$51,529	\$34,017	\$36,778	\$36,778	\$39,178	\$43,987	\$44,858	\$45,755	\$46,670
2.d.3	Combined Curbside/Drop-off												
2.d.4	Multi-family												
2.d.5	Business/Institutional		\$701										
2.d.6	Other		\$8,668					\$1,300					
<b>2.e</b>	<b>e. Special Collections</b>	<b>\$53,983</b>	<b>\$47,646</b>	<b>\$41,051</b>	<b>\$58,927</b>	<b>\$34,048</b>	<b>\$26,541</b>	<b>\$33,000</b>	<b>\$33,495</b>	<b>\$33,997</b>	<b>\$34,507</b>	<b>\$35,024</b>	<b>\$35,550</b>
2.e.1	Tire Collection	\$19,356	\$20,380	\$10,080		\$10,150	\$19,568	\$15,000	\$15,225	\$15,453	\$15,685	\$15,920	\$16,159
2.e.2	HHW Collection	\$33,910	\$26,694	\$10,044	\$37,556	\$23,688	\$6,973	\$18,000	\$18,270	\$18,544	\$18,822	\$19,104	\$19,391
2.e.3	Electronics Collection	\$717	\$532	\$10,488		\$210							
2.e.4	Appliance Collection		\$40	\$43									
2.e.5	Other Collection Drives			\$10,396	\$21,371								
2.f	f. Yard Waste/Other Organics	\$459											
<b>2.g</b>	<b>g. Education/Awareness</b>	<b>\$1,058</b>	<b>\$10,892</b>	<b>\$12,882</b>	<b>\$11,948</b>	<b>\$3,608</b>	<b>\$0</b>	<b>\$230</b>	<b>\$6,000</b>	<b>\$6,120</b>	<b>\$6,242</b>	<b>\$6,367</b>	<b>\$6,495</b>
2.g.1	Education Staff	\$1,058		\$114	\$100	\$80							
2.g.2	Advertisement/Promotion			\$12,172	\$11,848	\$1,493		\$230	\$6,000	\$6,120	\$6,242	\$6,367	\$6,495
2.g.3	Other		\$10,892	\$596		\$2,035							
<b>2.h</b>	<b>h. Recycling Market Development</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$10,165</b>	<b>\$0</b>	<b>\$944</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
2.h.1	General Market Development	\$5,000		\$7,092		\$944							
2.h.2	ODNR pass-through grant		\$5,000	\$3,073									
2.i	i. Service Contracts												



Table O-7: Expenses											
Category/Program	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
<b>1. Plan Monitoring/Prep.</b>	<b>\$8,000</b>	<b>\$1,500</b>	<b>\$1,500</b>	<b>\$9,000</b>	<b>\$9,000</b>	<b>\$9,000</b>	<b>\$2,000</b>	<b>\$2,000</b>	<b>\$9,000</b>	<b>\$9,000</b>	<b>\$9,000</b>
a. Plan Preparation	\$7,000			\$7,000	\$7,000	\$7,000			\$7,000	\$7,000	\$7,000
b. Plan Monitoring	\$1,000	\$1,500	\$1,500	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
<b>2. Plan Implementation</b>	<b>\$312,242</b>	<b>\$318,029</b>	<b>\$323,928</b>	<b>\$331,706</b>	<b>\$337,445</b>	<b>\$337,446</b>	<b>\$337,446</b>	<b>\$337,446</b>	<b>\$337,446</b>	<b>\$337,446</b>	<b>\$337,446</b>
a. District Administration	\$222,791	\$227,247	\$231,791	\$236,427	\$241,156	\$241,157	\$241,157	\$241,157	\$241,157	\$241,157	\$241,157
Personnel	\$140,796	\$143,612	\$146,484	\$149,414	\$152,402	\$152,403	\$152,403	\$152,403	\$152,403	\$152,403	\$152,403
Office Overhead	\$81,995	\$83,635	\$85,307	\$87,013	\$88,754	\$88,754	\$88,754	\$88,754	\$88,754	\$88,754	\$88,754
Other											
<b>b. Facility Operation</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
MRF/Recycling Center											
Compost											
Transfer											
Special Waste											
c. Landfill Closure/Post-Closure											
<b>d. Recycling Collection</b>	<b>\$47,603</b>	<b>\$48,555</b>	<b>\$49,526</b>	<b>\$50,517</b>	<b>\$51,527</b>	<b>\$51,527</b>	<b>\$51,527</b>	<b>\$51,527</b>	<b>\$51,527</b>	<b>\$51,527</b>	<b>\$51,527</b>
Curbside											
Drop-off	\$47,603	\$48,555	\$49,526	\$50,517	\$51,527	\$51,527	\$51,527	\$51,527	\$51,527	\$51,527	\$51,527
Combined Curbside/Drop-off											
Multi-family											
Business/Institutional											
Other											
<b>e. Special Collections</b>	<b>\$35,224</b>	<b>\$35,470</b>	<b>\$35,719</b>	<b>\$37,732</b>	<b>\$37,732</b>	<b>\$37,732</b>	<b>\$37,732</b>	<b>\$37,732</b>	<b>\$37,732</b>	<b>\$37,732</b>	<b>\$37,732</b>
Tire Collection	\$16,402	\$16,648	\$16,897	\$17,151	\$17,151	\$17,151	\$17,151	\$17,151	\$17,151	\$17,151	\$17,151
HHW Collection	\$18,822	\$18,822	\$18,822	\$20,581	\$20,581	\$20,581	\$20,581	\$20,581	\$20,581	\$20,581	\$20,581
Electronics Collection											
Appliance Collection											
Other Collection Drives											
f. Yard Waste/Other Organics											
<b>g. Education/Awareness</b>	<b>\$6,624</b>	<b>\$6,757</b>	<b>\$6,892</b>	<b>\$7,030</b>	<b>\$7,030</b>	<b>\$7,030</b>	<b>\$7,030</b>	<b>\$7,030</b>	<b>\$7,030</b>	<b>\$7,030</b>	<b>\$7,030</b>
Education Staff											
Advertisement/Promotion	\$6,624	\$6,757	\$6,892	\$7,030	\$7,030	\$7,030	\$7,030	\$7,030	\$7,030	\$7,030	\$7,030
Other											
<b>h. Recycling Market Development</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
General Market Development											
ODNR pass-through grant											
i. Service Contracts											

Category/Program	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
j. Feasibility Studies											
k. Waste Assessments/Audits											
l. Dump Cleanup											
m. Litter Collection/Education											
n. Emergency Debris Management (note 1)											
o. Loan Payment											
p. Other											
<b>3. Health Dept. Enforcement</b>	<b>\$35,000</b>	<b>\$35,000</b>	<b>\$35,000</b>	<b>\$35,000</b>	<b>\$35,000</b>	<b>\$35,000</b>	<b>\$35,000</b>	<b>\$35,000</b>	<b>\$35,000</b>	<b>\$35,000</b>	<b>\$35,000</b>
<i>Darke County Health Dept.</i>	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000
<b>4. County Assistance</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>5. Well Testing</b>											
<b>6. Out-of-State Waste Inspection</b>											
<b>7. Open Dump, Litter Enforcement</b>	<b>\$1,656</b>	<b>\$1,689</b>	<b>\$1,757</b>	<b>\$1,757</b>	<b>\$1,793</b>	<b>\$1,793</b>	<b>\$1,793</b>	<b>\$1,793</b>	<b>\$1,793</b>	<b>\$1,793</b>	<b>\$1,793</b>
a. Heath Departments											
b. Local Law Enforcement	\$1,656	\$1,689	\$1,757	\$1,757	\$1,793	\$1,793	\$1,793	\$1,793	\$1,793	\$1,793	\$1,793
c. Other											
<b>8. Heath Department Training</b>											
<b>9. Municipal/Township Assist</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>10. Compensation to Affected Community (ORC Section 3734.35)</b>											
<b>***Total Expenses***</b>	<b>\$356,898</b>	<b>\$356,218</b>	<b>\$362,185</b>	<b>\$377,463</b>	<b>\$383,238</b>	<b>\$383,239</b>	<b>\$376,239</b>	<b>\$376,239</b>	<b>\$383,239</b>	<b>\$383,239</b>	<b>\$383,239</b>
<b>RESERVE FOR EMERGENCY DEBRIS MAN management. It may be used at any tim</b>											

## *Explanation of Expenses*

### **1 *Plan Monitoring/Prep.***

- 1.a *Plan Preparation:* The District prepares a Solid Waste Management Plan every five years with the assistance of an outside consultant. The payments are usually spread over several years. The amounts shown are based on past experience. An inflation factor is not included. The District believes that as the plan preparation process is streamlined, the District can take over more of the routine parts of the planning process and use the consulting budget for necessary research and a fresh perspective on District programs.
- 1.b *Plan Monitoring:* A modest amount has been allotted for outside help in research, and data collection and analysis.

### **2 *Plan Implementation***

#### **2.a *District Administration:***

*2.a.1 Personnel:* The District has two full time employees-The District Director and an Administrative Assistant. In addition, the District has a part time employee who usually works one day a week. The position description for all three employees is included in Appendix T. An inflation factor of 2% was included in the personnel calculation from 2021 through 2029. No inflation factor was used in calculation for 2030 to 2036. Past experience has shown that circumstances change over fifteen years. Compounding the inflation factor over the full 15 years is not usually necessary.

*2.a.2 Office Overhead:* The office expense category is a broad category that includes office rent, utilities, office supplies, office equipment and general use equipment purchases and maintenance. In 2016, equipment included the purchase of a pickup truck for District use. The amount allotted for office in the planning period includes an allowance for possible equipment replacement spread over the planning period. An inflation factor of 2% was included in the personnel calculation from 2021 through 2029. No inflation factor was used in calculation for 2030 to 2036.

*2.b Facility Operation:* The District does not own or operate any facilities. No expenditures will be made in this category.

*2.c Landfill Closure/Post-Closure:* Not applicable

**2.d Recycling Collection**

**2.d.1 Curbside:** The District does not make any direct expenditures for curbside programs.

**2.d.2 Drop-off:** The District has one agreement for the placement and service of all District supported recycling drop-off bins at the public drop-off sites and at schools. The cost includes the bins, collection service, material processing and marketing. The expense projections for the planning period include additional funds for placement of the added drop-off sites that are included in this plan beginning in 2022. An inflation factor of 2% was included in the drop-off calculation from 2021 through 2029. No inflation factor was used in calculation for 2030 to 2036.

**2.d.3. Combined Curbside/Drop-off:** The District plans to focus on increasing participation in both curbside and drop-off recycling programs. The expenditures related to researching and implementing a targeted marketing plan is included under *g. Education and Awareness*.

**2.d.4 Multi-family:** At least one new drop-off location may be installed in an area convenient to a cluster of multi-family housing units. The expenses related to an initiative to expand recycling participation by multi-family residents are included in the drop-off and education/awareness categories.

**2.d.5 Business/Institutional:** There are not expenses specifically related to assistance to the business and institutional sector. The staff manages the outreach to this sector and the costs are included in the Administration expenses.

**2.e Special Collections:**

**2.e.1 Tire Collection:** The tire collection category includes the expense of the annual tire collection and the cost of assistance to townships by paying for the disposal of the illegally dumped tires that they collect. The 2021 amount is based on 2020 expenditures. The expenses listed for 2022 through 2029 includes an inflation factor of 1.5% per year. There is no inflation factor for the calculation of the remainder of the planning period. Note that the District will continue to charge an appropriate fee at the tire collection event. That fee is figured into the expenditure. If costs inflate more that expected, the fee will be adjusted.

**2.e.2 HHW Collection:** The amount in 2020 and after is based on the present cost of the program. .015% inflation factor is included in the projections from 2021 through 2029.

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- 2.e.3 *Electronics and Appliance Collection:* These two categories are merged because since 2017 a local scrap yard, 1 Shot Recycling has worked with the District. 1 Shot accepts appliances and electronics for recycling year around, but once a year, the yard works with the District to run a weeklong special appliance and electronics collection event. The District promotes the event and 1 Shot provides freon removal free of charge during the event. The only cost to the District is for a minimum amount of advertising and staff time necessary to promote the event through social media.
- 2.e.5 *Other Collection Drives:* No other collection events that will be an expense to the District are planned.
- 2.f *Yard Waste/Other Organics:* No programs requiring District funding are planned.
- 2.g *Education/Awareness*
- 2.g.1 *Education Staff:* The District Director with the help of the Administrative Assistant and volunteers manages the education program for all ages and waste generator groups.
- 2.g.2 *Advertisement/Promotion:* In 2018 , 2019, and 2020, the District spent little on advertising and promotion. The district has not recently purchased newspaper or radio advertising having found that it was not effective. The District sends out press releases which usually result in notices about events on local radio and in the two local papers. The District relies heavily on social media to disseminate information. The amount budgeted in 2021 `and thereafter is primarily set aside to allow the District some flexibility to use promotional materials in conjunction with the campaign to increase recycling participation and for various other purposes including market development information. A 2% inflation factor is included from 2022 through 2029.
- 2.h *Recycling Market Development*
- 2.h.1 *General Market Development Activities:* The District does not plan market development initiatives that will require designated funds. Market development activities may be supported through education and awareness activities and using social media.
- 2.h.2 *Ohio EPA pass-through grant:* The District may work with local industries, businesses, institutions, or local government to apply for Ohio EPA Market Development grants. If they have an eligible project and are awarded grant funds, the funds will pass through the District. In 2015 and 2016 District businesses received grants and the District was the pass-through agent. No

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revenue or expense for pass through grants is included in the budget because there will not be revenue or expense unless a grant is awarded.

- 2.i *Service Contracts – None planned*
- 2.j *Feasibility Studies – None planned that will require hiring outside assistance.*
- 2.k *Waste Assessments/Audits – none planned*
- 2.l *Dump Cleanup – The District does not plan to use District funds for dump clean-up. The District will continue to assist villages and townships by paying the fee for tire disposal of dumped tires that they collect and deliver for recycling. This expense is included with the Tire Collection Event.*
- 2.m *Litter Collection/Education: Money to support the litter collection and education programs is included in the Administrative and Advertising Promotion expenses.*

### **3 *Health Dept. Enforcement: Darke County Health Department***

\$35,000 in each year of the planning period is designated for the Darke County Health Department for enforcement of regulations that govern the management and disposal of solid waste.

4 ***County Assistance:*** Not included in this plan.

5 ***Well Testing*** Not included in this plan.:

6 ***Out-of-State Waste Inspection:*** Not applicable

### **7 *Open Dump, Litter Law Enforcement***

7.a *Heath Departments:* Included in Darke County Health Department enforcement.

7.b *Local Law Enforcement:* Local law enforcement including the Darke County Sheriff and the Greenville Police cooperate with the District in the investigation and enforcement of litter laws. Planned expenditures are primarily to reimburse the departments for traffic control and enforce presence at special events sponsored by the District.

8 ***Heath Department Training:*** Under Health Department Funding (3.)

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- 9 ***Municipal/Township Assistance:*** This assistance is usually tied to the hosting of disposal facilities. There are no landfills or other facilities for the disposal of solid waste in the District.
10. ***Reserve for Emergency Debris Management:*** \$25,000 is set-aside in this Plan for emergency debris clean-up. If it is not needed, or if it is spent and then reimbursed with disaster relief funds, the \$25,000 will carry-over from year to year reserved for this purpose. The emergency debris management set-aside is noted at the bottom of Table O-7, Expenses. The \$25,000 is not listed in the table because it is not possible to predict if or when the funds will be used. There is adequate carryover each year to provide the funds if needed without jeopardizing other planned programs and activities. The District has set aside money for this purpose in previous plans. Fortunately, this set aside has not been needed.

**Table O-8      Budget Summary**

Year	Revenue	Expenses	Annual Surplus/Deficit (\$)	Balance (\$)
2013	Ending Balance			\$274,311
2014	\$222,252	\$343,288	-\$121,036	\$153,275
2015	\$247,628	\$296,516	-\$48,888	\$104,387
2016	\$296,013	\$324,364	-\$28,351	\$76,036
2017	\$341,140	\$320,194	\$20,946	\$96,982
<b>2018</b>	\$362,533	<b>\$290,471</b>	<b>\$72,062</b>	<b>\$210,397</b>
2019	\$350,929	\$303,767	\$47,162	\$257,559
2020	\$419,141	\$318,140	\$101,001	\$358,560
2021	\$382,119	\$323,261	\$58,858	\$417,418
2022	\$383,845	\$327,958	\$55,887	\$473,305
2023	\$375,712	\$333,608	\$42,104	\$515,409
2024	\$382,743	\$345,878	\$36,865	\$552,273
2025	\$354,984	\$351,761	\$3,223	\$555,496
2026	\$362,806	\$356,898	\$5,908	\$561,404
2027	\$355,839	\$356,218	-\$379	\$561,025
2028	\$364,118	\$362,185	\$1,933	\$562,957
2029	\$398,898	\$377,463	\$21,435	\$584,392
2030	\$396,813	\$383,238	\$13,575	\$597,968
2031	\$402,220	\$383,239	\$18,981	\$616,949
2032	\$392,635	\$376,239	\$16,396	\$633,345
2033	\$390,550	\$376,239	\$14,311	\$647,656
2034	\$395,958	\$383,239	\$12,719	\$660,375
2035	\$386,372	\$383,239	\$3,133	\$663,508
2036	\$385,471	\$383,239	\$2,232	\$665,741

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Year	Revenue	Expenses	Annual Surplus/Deficit (\$)	Balance (\$)
2035	\$386,372	\$383,239	\$3,133	\$626,008
2036	\$385,471	\$383,239	\$2,232	\$628,241

Source of information: Revenue is from Table O-6, Expenses are from Table O-7.

The beginning carryover is the actual balance at the end of 2013.

Income and expense for 2014 through 2019 are actual amounts, 2020 was projected based on the first 6 months revenue and expenditures.

\*\*\*Ending balance 2018: The ending balance for 2018 is highlighted in Table O-8 Budget Summary because Ohio EPA worked with this and other SWMD to reconcile fund balances at the end of 2018 when the state and districts changed the reporting method to a new system known as ReTrac. The balance is not the same as that which would be calculated using the District's historic data. The reconciled balance is used here so that future reports and balances will be consistent when entered into the ReTrac system.

Calculation: Annual Surplus/Deficit is calculated by subtracting expenditures from revenue. Balance: Calculated by adding or subtracting the surplus or deficit from the previous year balance.

All other calculations are projections based on past experience and the programs and activities included in this plan.

### C. Alternative Budget

The District's funding source is very stable. The District does not anticipate any circumstances that might require an alternative budget.