



ORDINANCE 2018-01

OF THE VILLAGE OF ASHVILLE



AN ORDINANCE AUTHORIZING THE VILLAGE ADMINISTRATOR AND FISCAL OFFICER TO EXECUTE A PERSONAL SERVICE AGREEMENT FOR LEGAL SERVICES WITH ISAAC WILES BURKHOLDER & TEETOR, LLC, AND DECLARING AN EMERGENCY.

WHEREAS, on January 26, 2016, the Village of Ashville retained the law firm of Isaac Wiles Burkholder & Teetor, LLC, and in particular, attorney Mark Landes, to serve as its Village Solicitor; and

WHEREAS, the personal services contract for legal services expired January 28, 2018; and

WHEREAS, Council for the Village of Ashville understands and recognizes its need to retain an individual and law firm with a peculiar skill and aptitude to serve as Village Solicitor; and

WHEREAS, Council for the Village of Ashville is pleased with the level of service and work being performed currently by its Village Solicitor, and wants to continue this professional relationship; and

WHEREAS, Council for the Village of Ashville now wants to retain again the services of Isaac Wiles Burkholder & Teetor, LLC, and in particular, attorney Mark Landes, to serve as Village Solicitor.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE VILLAGE OF ASHVILLE, PICKAWAY COUNTY, OHIO THAT:

Section One: The Village Administrator and Fiscal Officer are hereby authorized and directed to enter into an Agreement for Legal Services, in substantially the same format and content, as the document attached hereto as Exhibit "A" and incorporated herein by reference, on behalf of the Village of Ashville.

Section Two: It is hereby found and determined that all formal actions of this Council concerning and relating to the passage of this Ordinance were adopted in an open meeting of Council and that all deliberations of Council and any of the decision making bodies of the Village of Ashville which resulted in such formal actions were in meetings open to the public in compliance with all legal requirements of the State of Ohio.

Section Three: All prior legislation, or any parts thereof, which is/are inconsistent with this Ordinance is/are hereby repealed as to the inconsistent parts thereof

Section Four: Council declares this to be an emergency measure immediately necessary for the preservation of the public peace, health, and safety of this municipality and the further reason that Village Council needs to approve and enter into this Agreement as soon as possible in order to continue providing the Village with uninterrupted legal services. Wherefore, provided this Ordinance receives the required affirmative votes of Council, this Ordinance shall take effect and be in force immediately upon passage by Council and approval by the Mayor.

Offered by: Nelson R. Embrey

Seconded by: Randy S. Loveless

PASSED THIS 29th DAY OF JANUARY, 2018

ATTEST:

April D. Grube

DATE: 2/1/18

April D. Grube, Clerk-Fiscal Officer

APPROVED:

Charles K. Wise

DATE: 31 JAN 18

Charles K. Wise, Mayor

kwiktag® 223 657 494



Prepared: 01/25/2018

Revised Date:

Review Date:

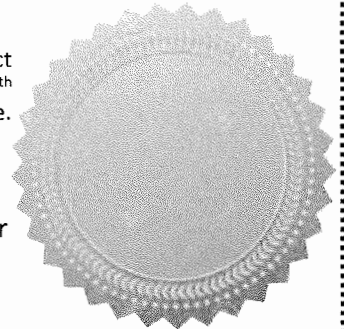
1 of 5 | Page with Exhibit

CERTIFICATE OF RECORDING OFFICER

I, the undersigned, hereby certify, that the foregoing is a true and correct copy of the ordinance adopted by the Village of Ashville Council held on 29th day of January 2018, and that I am duly authorized to execute this certificate.

(Original signature of April D. Grube)

Clerk-Fiscal Officer
(TITLE)



AGREEMENT FOR LEGAL SERVICES

This Agreement for Legal Services (“Agreement”), is entered into and effective this ____ day of January, 2018, by and between Isaac Wiles Burkholder & Teetor, LLC (Isaac Wiles) and the Village of Ashville (the “Village”), pursuant to Ordinance No. _____, passed by Village Council on _____, 2018.

In consideration of the mutual promises contained herein, Isaac Wiles and the Village agree as follows:

1. **Purpose of Representation.** Pursuant to the laws of the State of Ohio, the Village hereby retains Isaac Wiles to serve as Village Solicitor for the Village and its elected and appointed officials. As Solicitor, Isaac Wiles shall be responsible for performing any and all duties pursuant to all Village Ordinances and laws of the State of Ohio.

2. **Scope of Representation.** Isaac Wiles shall from time when called upon by members of Village Council or any other Village Official (elected or appointed), render any and all such legal services as Village Solicitor as may be requested, including, but not limited to: ordinance and document preparation; initiate and defend litigation (administrative, state, or federal actions); draft and review contracts or other written documents; respond to inquiries; draft legal memoranda; provide legal representation in conjunction with specific transactions; advice the Village on legal issues as may be specifically requested; and perform any other duties as requested by the Village, its Council, or Officials, elected or appointed.

Isaac Wiles shall attend any and all regular and special meetings of Village Council, and other public, regular, or special meetings, when requested to do so by the Village.

General direction on all legal matters shall be given to Isaac Wiles through Village Council, the Mayor, Village Administrator, and/or Fiscal Officer. Isaac Wiles will perform only such legal services for the Village that are authorized and requested.

3. **Compensation.** Isaac Wiles shall compile a monthly itemized statement of services rendered, funds advanced, and expenses incurred and shall submit same to the Village Administrator immediately following the month in which such services were rendered and funds advanced and expenses incurred for and on behalf of the Village.

The Village shall pay Isaac Wiles for all legal services rendered at an hourly rate. Time devoted by attorneys will be charged at a rate of \$170.00 per hour and time devoted by paralegals will be charged at a rate of \$85.00 per hour, payable monthly. All time will be invoiced in .10/hour intervals. The Village shall reimburse Isaac Wiles for any and all costs advanced on behalf of the Village. The Village also shall reimburse Isaac Wiles for expenses incurred for large copy projects and any necessary courier charges.

Payment is due by the Village upon receipt of the statement. In the event the Village should disagree with, dispute, or question the amount stated to be due under any

statement which was issued, the Village agrees to communicate such disagreement, dispute, or question to Isaac Wiles in writing within 30 days following receipt of such statement. In the absence of such written communication regarding the amount stated to be due under any statement within such time, Isaac Wiles shall be entitled to assume the Village has agreed to the amount of such statement and will pay the same amount within 30 days following receipt of such statement.

4. **Designation of Village Solicitor.** Mark Landes, an attorney with Isaac Wiles, shall be designated as Village Solicitor and shall be the primary attorney and contact person for the Village. All other attorneys at Isaac Wiles are Assistant Solicitors when acting on behalf of the Village.
5. **Terms of Agreement.** Is it agreed and understood by and between the Village and Isaac Wiles that the term of this Agreement shall be for two years beginning **January 28, 2018**, and may be terminated by either Isaac Wiles or the Village upon thirty (30) days written notice.
6. **Settlement Authority.** No settlement of any nature shall be made for any Village claim or suit without approval of Village Council.
7. **Professional Liability Insurance.** The Solicitor, as well as all Isaac Wiles attorneys providing services on behalf of the Village, shall at all times maintain professional liability insurance in an amount satisfactory to the Village and shall provide evidence of such coverage upon request of the Village.
8. **Conflicts of Interest.** Given the fact that Isaac Wiles represents other Ohio municipalities and non-municipal clients, in addition to the Village, Isaac Wiles will take reasonable efforts to recognize and disclose to the Village, any potential conflict. Isaac Wiles and the Village acknowledge and understand conflicts of interest between the Village and other clients of Isaac Wiles could occur from time to time. If possible that during the time Isaac Wiles is serving as Village Solicitor, some of Isaac Wiles' present or future clients will have disputes or transactions with the Village. The Village agrees Isaac Wiles may continue to represent or may undertake in the future to represent existing or new clients in any matter not substantially related to Isaac Wiles' work for the Village. Isaac Wiles agrees, however, the Village's prospective consent to conflicting representation shall not apply in any instance where, as a result of its representation the Village, Isaac Wiles has obtained propriety or other confidential information of information of a nonpublic nature, that, if known to such other clients, could be used in any such other matter by such client to the Village's material disadvantage.
9. **Applicable Laws.** Isaac Wiles shall comply with all applicable foreign, federal, state and local laws, rules, regulations, orders, ordinances, and government requirements in the performance of the Agreement.

10. **Notice.** All notice and other communication mandated hereunder shall be in writing and will be deemed to have been given if delivered by hand, or on the next business day if delivered by hand, or on the next business day if delivered by a recognized overnight courier, or when actually delivered if mailed by certified mail, return requested at the following addresses:

If to the Village of Ashville:
Franklin Christman, Administrator
VILLAGE OF ASHVILLE
200 East Station Street
PO Box 195
Ashville, Ohio 43103

If to Isaac Wiles:

Mark Landes, Esq.
ISAAC WILES BURKHOLDER
& TEETOR, LLC
Two Miranova Place, Suite 700
Columbus, Ohio 43215

11. **Severability.** If any provision of the Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable to any extent, such provision shall be enforcement to the greatest extent permitted by law and the remainder of the Agreement and the application of such provisions to the other persons or circumstances shall be affected thereby and shall be enforced to the greatest extent of the law. The intent of this Section is that if any provisions are found invalid, void, or unenforceable, they are to be severed from the Agreement, and the remaining provisions shall be considered independent, valid, and enforceable.
12. **Governing Law.** The Agreement will be governed by and construed in accordance with the laws of the State of Ohio without regard to its conflict of law principles.
13. **Entire Agreement.** The Agreement constitutes the entire agreement of the Parties hereto with respect to the subject matter hereof and supersedes all prior negotiations, discussions, undertakings, and agreements between the Village and Isaac Wiles. The Agreement may be amended or modified only in writing and executed by the Village and Isaac Wiles. Notwithstanding the foregoing, the Agreement for Collection Services dated November 18, 2014 is hereby renewed until **January 28, 2020**.
14. **Assignment.** The Agreement may not be assigned or transferred in whole or part by either the Village or Isaac Wiles without the written consent of the other. Any purported assignments without the express written consent of the other Party is void.

15. **Personal Service Contract.** The Village and Isaac Wiles agree the Agreement is, and is intended to be, a “personal service contract” as recognized in R.C. 145.012, and as identified in the Ohio Administrative Code. The Agreement is, and is intended to be, a formal bilateral written contract between the Village and Isaac Wiles, as required by the Ohio Revised Code. The Village and Isaac Wiles agree that since this is a personal service contract, no Public Employee’s Retirement System deductions will be made from Isaac Wiles’ compensation nor paid to the Public Employee’s Retirement System of Ohio.

VILLAGE OF ASHVILLE

By: _____
Franklin Christman
Village Administrator

By: _____
April Grube
Fiscal Officer

**ISAAC WILES BURKHOLDER
& TEETOR, LLC**

By: _____
Mark Landes Esq.
Partner

CERTIFICATE OF AVAILABLE FUNDS

I certify that the money required to meet this contract has hereby been lawfully appropriated for such purpose and is in the treasury or in the process of collection to the credit of this fund, free from any previous obligation or certification as required by Ohio Revised Code § 5705.01 to § 5705.47.

Date

April Grube, Fiscal Officer



ORDINANCE 2018-02

OF THE VILLAGE OF ASHVILLE



AN ORDINANCE TO AMEND CODIFIED ORDINANCE PART THIRTEEN BUILDING CODE CHAPTER 1305 BUILDING PERMITS AND FEES AND ORDINANCE 2007-17 PASSED 12-17-07, AND DECLARING AN EMERGENCY.

WHEREAS, the Village of Ashville has to amend ordinances to the village; and

WHEREAS, the State of Ohio's Ohio Board of Building Standards has amended Building Fees with Rule Number 4101:7-7-01; and

WHEREAS, it is necessary to comply with Rule Number 4101:7-7-01; and

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE VILLAGE OF ASHVILLE, OHIO THAT:

SECTION 1 AUTHORITY TO UPDATE VILLAGE OF ASHVILLE BUILDING FEES IN ACCORDANCE TO RULE NUMBER 4101:7-7-01.

- (A) To adopt the Ohio Board of Building Standards Rule Number 4101:7-7-01 Title Fees, Exhibit Attached.
- (B) This Ordinance will allow any future Ohio Board of Building Standards Fee structure change to be adopted unless the Village Council of Ashville acts.

SECTION 2 DECLARING AN EMERGENCY.

Council declares this to be an emergency measure immediately necessary for the preservation of the public peace, health, and safety of this municipality and the further reason that the Village needs to comply with the laws of Ohio. Wherefore, provided this Ordinance receives the required affirmative votes of Council, this Ordinance shall take effect and be in force immediately upon passage by Council and approval by the Mayor.

Offered by: Nelson R. Embrey

Seconded by: Randy S. Loveless

PASSED THIS 19th DAY OF MARCH, 2018

ATTEST:

April D. Grube, Clerk-Fiscal Officer

DATE: 3/20/18

APPROVED:

Charles K. Wise, Mayor

DATE: 22 MAR 18

Prepared: 02/01/2018
Revised Date:
Review Date:

1 of 7 | Page with Exhibit

CERTIFICATE OF RECORDING OFFICER

I, the undersigned, hereby certify, that the foregoing is a true and correct copy of the ordinance adopted by the Village of Ashville Council held on 19th day of March 2018, and that I am duly authorized to execute this certificate.

(Original signature of April D. Grube)

Clerk-Fiscal Officer
(TITLE)



**Department
of Commerce**

Division of Industrial Compliance

John R. Kasich, Governor
Jacqueline T. Williams, Director

June 2017

At its meeting on May 26, 2017, the Ohio Board of Building Standards adopted the rule changes identified as Amendments Group 93. These rule amendments were adopted with an **effective date of November 1, 2017.**

Amendments Group 93 includes the new Certification rule shown below. For your use, the complete text of the rule can be found following this coversheet.

Rule Number	Rule Title	Effective date
4101:7-7-01	Fees.	November 1, 2017

Reason for Changes: The Board amended the Ohio Administrative Code rule **4101:7-7-01** (new) to move the DIC fees from current rule 4101:1-1-01 (OBC Chapter 1, Section 115) to a separate, independent rule.

If you should have any questions regarding these rule changes, please call BBS staff at (614)644-2613.

Ohio Board of Building Standards
6606 Tussing Road
PO Box 4009
Reynoldsburg, OH 43068-9009 U.S.A.

Gerald O. Holland, Chairman

An Equal Opportunity Employer and Service Provider

614 | 644 2613
Fax 614 | 644 3147
TTY/TDD 800 | 750 0750
www.com.ohio.gov

4101:7-7-01 Fees.

Exhibit

(A) Certified building department fees. Fees for construction documents submitted to and inspections made by certified building departments shall be in accordance with the locally adopted fee schedule.

(B) Division of industrial compliance schedule of fees. The fees for examination and processing of construction documents when required to be submitted to the division of industrial compliance, except medical gas piping systems and temporary structures, shall be in accordance with Table B1. The filing process for an application for plan approval specified in section 107.2 of rule 4101:1-1-01 of the Administrative Code will not be considered complete until the applicable fees have been paid in accordance with Table B1.

Exception: Fees for alteration or change of occupancy as determined by the building official shall be based on the actual area affected by the alteration or change of occupancy which may extend beyond the limits of construction.

Table B1 - DIC Schedule of Fees

Scope of Work	Processing Fee	Fee for Plans Examination and a minimum of Five Inspections
(1) Structural	\$275.00	\$10.50/100 sq. ft. gross area of each floor level
(2) Mechanical	\$275.00	\$6.50/100 sq. ft. gross area of each floor level
(3) Electrical	\$275.00	\$6.50/100 sq. ft. gross area of each floor level
(4) Fire alarm systems	\$275.00	\$6.50 per device
(5) Automatic sprinkler and other fire suppression systems (all suppressed areas)	\$275.00	\$6.50/100 sq. ft. gross area of each floor level
(6) Industrial unit	\$200.00	\$1.75/100 sq. ft. gross area of each floor level

(1) Additional inspections. The division of industrial compliance may establish a written policy for the maximum number of inspections required by sections 108.2 and 105.1.5 of rule 4101:1-1-01 of the Administrative Code that may be included in the fees set forth in Table B1. Inspections in excess of the maximum number established by the division of industrial compliance shall be subject to fee of one hundred fifty dollars per inspection.

- (2) Resubmissions. The fees set forth in Table B1 shall include one initial plan review and up to two resubmission plan reviews to resolve issues resulting from correction letters. The fee for plan review after the second resubmission shall be of one hundred dollars for each additional resubmission.
- (3) Re-stamping. The processing fee for re-stamping additional sets of construction documents after initial plan approval shall be one hundred dollars.
- (4) Amended construction documents. The processing fee for amended construction documents submitted to the division of industrial compliance in accordance with section 106.3 of rule 4101:1-1-01 of the Administrative Code shall be two hundred fifty dollars. The fee for plans examination of amended construction documents submitted to the division of industrial compliance in accordance with section 106.3 of rule 4101:1-1-01 of the Administrative Code shall be one hundred dollars per hour for each submission.
- (5) Phased plan approval. The fees for plan examination and processing of a phased plan approval request per section 105.1.4 of rule 4101:1-1-01 of the Administrative Code shall be in accordance with Table B1 and paragraph (B)(1) for the initial phase submission of each scope of work. The processing fee for plan examination of each subsequent phase of submission shall be two hundred fifty dollars.
- (6) Medical gas piping systems. The fees for examination and processing of construction documents for medical gas piping systems when required to be submitted to the division of industrial compliance shall be in accordance with Table B2.
 - (a) Additional inspections. The division of industrial compliance may establish a written policy for the maximum number of inspections required by sections 108.2 and 105.1.5 of rule 4101:1-1-01 of the Administrative Code that may be included in the fees set forth in Table B2 for medical gas piping systems. Inspections in excess of the maximum number established by the division of industrial compliance shall be subject to a fee of one hundred fifty dollars per inspection.
 - (b)

Table B2 - DIC Medical Gas Schedule of Fees

Medical Gas Piping System Processing, Plans Examination, and Inspections	Fee (includes a minimum of two inspections)
Processing	\$250.00
Plans Examination	\$250.00

Per room (with outlets) and equipment rooms	\$10.00
Per zone valve assembly	\$25.00
Per system	\$25.00
Per "tie-in"	\$25.00

- (7) Temporary structure fee. The fee for the review and inspection of temporary structures as referenced in section 102.8 of rule 4101:1-1-01 of the Administrative Code shall be one hundred fifty dollars per each scope of work. This fee allocates one inspection for each scope of work. The fee for inspections after normal business hours shall be one hundred thirty dollars per hour.
- (8) Preliminary review. The fee for preliminary construction document examination for the purpose of determining compliance with the provisions of the rules of the board by the division of industrial compliance shall be one hundred thirty dollars per hour.
- (9) Inspection fees. The fee for each inspection during normal business hours, other than those required by section 108.2 and 105.1.5 of rule 4101:1-1-01 of the Administrative Code, shall be one hundred fifty dollars per inspection. The fee for inspections conducted after normal business hours shall be one hundred thirty dollars per hour. Requests for all inspections shall be in writing to the division of industrial compliance and the fee shall be paid prior to the inspection.

Fees for an application pursuant to section 105.1.5 of rule 4101:1-1-01 of the Administrative Code shall include a processing fee of one hundred fifty dollars. The fee for periodic inspections conducted by the division of industrial compliance shall include the hourly inspection rate and expenses such as food, lodging, and administrative costs. All such fees shall be paid by the holder of an annual approval.
- (10) Reinspection fee. The fee for each reinspection shall be one hundred fifty dollars. A reinspection shall be required when the inspector must return to inspect work that was not ready or had failed a previous inspection.
- (11) Related fees. In addition to the fees required by Table B1 and paragraphs (B)(6), (B)(7), and (B)(8), the superintendent of the division of industrial compliance shall collect a fee, on behalf of the board of building standards, of three dollars and twenty-five cents for each application for acceptance and approval of construction documents and for making inspections.

4101:7-7-01

4

The fee shall be deposited by the division of industrial compliance, pursuant to section 121.084 of the Revised Code, to the credit of the board. The superintendent of the division shall report on the amount of the fees collected and deposited to the credit of the board not later than forty-five days following the end of the first full month's collection and then monthly afterward.

- (12) Late fee. Any person who fails to pay an inspection fee required for any inspection conducted by the department of commerce pursuant to Chapters 3781. and 3791. of the Revised Code, except for fees charged for the examination and processing of construction documents, within forty-five days after the inspection is conducted shall pay a late payment fee equal to twenty-five per cent of the inspection fee.
- (13) Certificate of occupancy or certificate of completion. The fee for each certificate of occupancy or certificate of completion issued in accordance with section 111 of rule 4101:1-1-01 of the Administrative Code shall be sixty-five dollars.
- Exception: There shall be no fee for each certificate of occupancy issued in accordance with section 111.4 of rule 4101:1-1-01 of the Administrative Code for existing buildings.
- (14) Annual approval for alterations. The fee for each annual approval for an individual applicant issued in accordance with section 105.1.5 of rule 4101:1-1-01 of the Administrative Code shall be six hundred fifty dollars.
- (15) Welding and brazing procedure specification review. The fee for the review of each piping welding and brazing specification submitted in accordance with section 313.5 of rule 4101:2-3-01 of the Administrative Code and section 317.5 of rule 4101:3-3-01 of the Administrative Code shall be sixty dollars.
- (16) Welding and brazing procedure qualification record review. The fee for the review of each procedure qualification record submitted in accordance with section 313.5 of rule 4101:2-3-01 of the Administrative Code and section 317.5 of rule 4101:3-3-01 of the Administrative Code shall be fifteen dollars.
- (17) Welding and brazing performance qualification review. The fee for the review of each performance qualification submitted in accordance with section 313.5 of rule 4101:2-3-01 of the Administrative Code and section 317.5 of rule 4101:3-3-01 of the Administrative Code shall be fifteen dollars

4101:7-7-01

5

Replaces: 4101:1-1-01

Effective: 11/01/2017

Five Year Review (FYR) Dates: 11/01/2022

CERTIFIED ELECTRONICALLY

Certification

05/26/2017

Date

Promulgated Under: 119.03

Statutory Authority: 3791.07

Rule Amplifies: 3781. and 3791.

Prior Effective Dates: 7/7/69, 3/26/71, 4/15/74, 2/15/75, 7/1/77, 12/30/77, 7/1/78, 7/1/79, 7/16/79, 5/1/80, 1/1/81, 3/10/82, 7/1/82, 1/1/83, 1/1/84, 3/1/84, 3/5/84, 3/1/85, 7/1/85, 12/1/85, 3/1/86, 9/1/86, 2/1/87, 7/1/87, 1/1/88, 10/1/88, 1/1/89, 6/1/89, 1/1/90, 8/1/90, 10/1/90, 7/1/91, 7/15/92, 9/1/92, 1/1/93, 7/5/93, 1/1/94, 9/1/94, 5/15/95, 7/1/95, 2/1/96, 2/2/96, 1/1/97, 7/1/97, 1/1/98, 3/1/98, 4/1/99, 10/1/99, 7/15/00, 12/1/00, 4/1/01, 1/1/02, 7/1/02, 1/1/03, 4/1/03, 7/1/03, 8/15/03, 1/1/04, 7/1/04, 3/1/05, 9/6/05, 3/1/06, 7/1/06, 7/1/07, 1/1/09, 7/1/09, 11/1/11, 3/11/12, 3/12/12(Emer.), 6/8/12, 3/1/13, 7/1/14, 1/1/16, 10/10/16



ORDINANCE 2018-03

OF THE VILLAGE OF ASHVILLE



AN ORDINANCE TO MAKE PERMANENT APPROPRIATIONS FOR THE CURRENT YEAR'S EXPENSES AND OTHER EXPENDITURES OF THE VILLAGE OF ASHVILLE, STATE OF OHIO, BASED UPON THE AMENDED CERTIFICATE OF RESOURCES ISSUED BY THE PICKAWAY COUNTY BUDGET COMMISSION FOR THE FISCAL YEAR ENDING DECEMBER 31, 2018, AND DECLARING AN EMERGENCY.

NOW, THEREFORE, be it ordained by the Council of the Village of Ashville, State of Ohio the following:

SECTION ONE:

That the 2018 Temporary Appropriation Ordinance (Ordinance 2017-11) is hereby amended and this Ordinance becomes the Final Appropriation Ordinance for 2017 based upon the Certificate of Estimated Resources. The amounts are listed on Exhibit I, which is part of this Ordinance.

SECTION TWO:

That the "Non-binding Narrative for the 2018 Budget" remark is defined as an indication of management's intended allocation of amounts approved by Council and that it does not indicate the legal level of control established by Council in Section Three.

SECTION THREE:

The Village Fiscal Officer is hereby authorized to make payments from any of the foregoing appropriations and to make supplemental appropriations between "Object" codes within the same "Fund" and "Program" area as provided by the Ohio Revised Code (ORC) with the exception of "Object" codes 590 and 690 from which only the Mayor and/or Village Administrator are authorized to approve expenditures or supplemental appropriations.

SECTION FOUR:

That the Village Council hereby authorizes that funds may be expended for coffee, meals, refreshments and /or other amenities for municipal officers, employees or other persons.

SECTION FIVE:

All interest earned by the Village of Ashville unless indicated otherwise by the (ORC) will be applied to the General Fund.

SECTION SIX:

That this ordinance is hereby declared to be an emergency measure necessary for the preservation of the public peace, health and safety of the Village and its inhabitants for the reason that there exists an imperative necessity for the earliest passage of this Ordinance to meet the fiscal obligations of the Village and will go into effect immediately upon its passage by Council.

Offered by: Nelson R. Embrey

Seconded by: Brad B. Lutz

PASSED THIS 19th DAY OF MARCH, 2018

ATTEST:

DATE: 3/20/18

April D. Grube, Clerk-Fiscal Officer

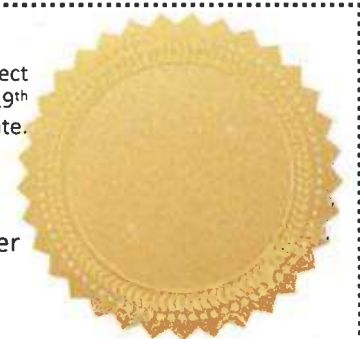
APPROVED:

DATE: 22 MAR 18

Charles K. Wise, Mayor

CERTIFICATE OF RECORDING OFFICER

I, the undersigned, hereby certify, that the foregoing is a true and correct copy of the ordinance adopted by the Village of Ashville Council held on 19th day of March 2018, and that I am duly authorized to execute this certificate.



Prepared: 02/22/2018

Revised Date:

Review Date:

(Original signature of April D. Grube)

Clerk-Fiscal Officer
(TITLE)

2018 Permanent Expense Appropriation Budget

Description	Fund / Program	2018 Permanent Appropriation Budget			Non-binding Narrative for 2018 Budget
	/ Object #	Object	Program	Fund	FOR MEMORANDUM USE ONLY (Guidelines)
Account Name	Account Code	Total	Total	Total	%s are times the Salary 190 Fund Account
Other - Personal Services	1000-110-190-0000	\$425,874.33			2.0% SS COLA, 26 Pay-Periods
Ohio Public Employees Retirement System	1000-110-211-0000	\$5,500.00			17.63%
Medicare	1000-110-213-0000	\$6,175.18			1.45%
Ohio Police and Fire Pension Fund	1000-110-215-0000	\$83,045.49			19.50%
Medical/Hospitalization/Vision	1000-110-221-0000	\$154,517.11			Healthcare Premium & Deductible
Dental Insurance	1000-110-223-0000	\$5,361.75			Healthcare Premium & Deductible
Workers' Compensation	1000-110-225-0000	\$8,160.18			1.92%
Travel and Transportation	1000-110-252-0000	\$100.00			
Uniforms and Clothing	1000-110-270-0000	\$10,255.79			
Other - Employee Fringe Benefits	1000-110-290-0000	\$0.00			
Utilities	1000-110-310-0000	\$2,575.00			
Communications, Printing and Advertising	1000-110-320-0000	\$0.00			
Training Services	1000-110-348-0000	\$0.00			
Other - Other Contractual Services	1000-110-399-0000	\$48,552.94			Dollars restored by Permanet Appropriation Budget
Other-Other Contractual Services (Court Fines Arrest Authority Fund)	1000-110-399-1000	\$0.00			
Operating Supplies and Materials	1000-110-420-0000	\$30,010.61			
Repairs and Maintenance of Motor Vehicles	1000-110-433-0000	\$17,148.53			Vehicle Maintenance
Fuel, Oil, & etc.	1000-110-439-0000	\$23,228.80			Fuel & Oil
Other - Capital Outlay	1000-110-590-0000	\$19,167.28			Cruisers
Other - Other	1000-110-690-0000	\$27,600.00			Expenditure at the Discretion of Mayor or VA
Police Total			\$867,272.99		
Electricity	1000-130-311-0000	\$46,646.64			
Other - Other	1000-130-690-0000	\$1,000.00			Expenditure at the Discretion of Mayor or VA Lighting
Street Lighting Total			\$47,646.64		
Payment to Another Political Subdivision	1000-210-640-0000	\$9,467.16			Health Department
Other - Other	1000-210-690-0000	\$1,000.00			Expenditure at the Discretion of Mayor or VA
County Health Total			\$10,467.16		
Other - Other Contractual Services	1000-290-399-0000	\$1,500.00			Indigent Burials
Other - Other	1000-290-690-0000	\$500.00			Expenditure at the Discretion of Mayor or VA
Other Public Heath Total			\$2,000.00		
Uniforms and Clothing	1000-310-270-0000	\$99.43			
Other - Other Contrctrual Services	1000-310-399-0000	\$2,046.61			Expenditure at the Discretion of Mayor or VA
Operating Supplies and Materials	1000-310-420-0000	\$473.92			
Other - Other	1000-310-690-0000	\$500.00			Expenditure at the Discretion of Mayor or VA
Fun-in-the-Sun Total			\$3,119.96		
Other - Personal Services	1000-320-190-0000	\$21,249.06			2.0% SS COLA, 26 Pay-Periods
Ohio Public Employees Retirement System	1000-320-211-0000	\$2,974.87			14.00%
Social Security	1000-320-212-0000	\$0.00			0.00%
Medicare	1000-320-213-0000	\$296.20			
Medical/Hospitalization/Vision	1000-320-221-0000	\$11,600.19			Healthcare Premium & Deductible
Dental Insurance	1000-320-223-0000	\$27.08			Healthcare Premium & Deductible
Workers' Compensation	1000-320-225-0000	\$530.15			1.92%
Uniforms and Clothing	1000-320-270-0000	\$39.14			
Utilities	1000-320-310-0000	\$6,264.02			
Communications, Printing and Advertising	1000-320-320-0000	\$60.00			
Other - Other Contractual Services	1000-320-399-0000	\$1,941.32			
Operating Supplies and Materials	1000-320-420-0000	\$4,901.68			

2018 Permanent Expense Appropriation Budget

Account Name	Fund / Program	2018 Permanent Appropriation Budget			Non-binding Narrative for 2018 Budget
	Description / Object #	Object	Program	Fund	FOR MEMORANDUM USE ONLY (Guidelines)
Account Code	Account Code	Total	Total	Total	%s are times the Salary 190 Fund Account
Other - Capital Outlay	1000-320-590-0000	\$3,608.09			
Other - Other	1000-320-690-0000	\$2,000.00			Expenditure at the Discretion of Mayor or Village Administrator
Other - Other	1000-320-690-0001	\$0.00			
Park Total			\$55,491.79		
Utilities	1000-330-310-0000	\$2,431.83			
Other - Other Contractual Services	1000-330-399-0000	\$0.00			
Other - Other	1000-330-690-0000	\$500.00			Expenditure at the Discretion of Mayor or VA
Culture Museum Total			\$2,931.83		
Other - Personal Services	1000-410-190-0000	\$9,282.00			2.0% SS COLA, 26 Pay-Periods
Ohio Public Employees Retirement System	1000-410-211-0000	\$1,299.48			14.00%
Medicare	1000-410-213-0000	\$134.59			1.45%
Medical/Hospitalization/Vision	1000-410-221-0000	\$5,528.41			Healthcare Premium & Deductible
Dental Insurance	1000-410-223-0000	\$67.69			Healthcare Premium & Deductible
Workers' Compensation	1000-410-225-0000	\$203.85			1.92%
Communications, Printing and Advertising	1000-410-320-0000	\$51.89			
Professional and Technical Services	1000-410-340-0000	\$0.00			
Other - Other Contractual Services	1000-410-399-0000	\$8,151.20			
Other - Other Contractual Services CEDA	1000-410-399-1003	\$12,610.81			
Other - Other Contractual Services JEDD	1000-410-399-1004	\$500.00			
Operating Supplies and Materials	1000-410-420-0000	\$1,416.81			
Operating Supplies and Materials CEDA	1000-410-420-1003	\$500.00			
Operating Supplies and Materials JEDD	1000-410-420-1004	\$500.00			
Other - Other	1000-410-690-0000	\$1,000.00			Expenditure at the Discretion of Mayor or VA
Total Planning and Zoning/Building Dept.			\$41,246.72		
Other Community Service	1000-490-399-0000	\$0.00			
Other Community Service	1000-490-420-0000	\$0.00			Expenditure at the Discretion of Mayor or VA
			\$0.00		
Other - Other Contractual Services	1000-533-399-0001	\$0.00			
			\$0.00		
Other - Personal Services	1000-561-190-0000	\$11,382.81			2.0% SS COLA, 26 Pay-Periods
Ohio Public Employees Retirement System	1000-561-211-0000	\$1,593.59			14.00%
Medicare	1000-561-213-0000	\$165.05			1.45%
Medical/Hospitalization/Vision	1000-561-221-0000	\$697.50			Healthcare Premium & Deductible
Dental Insurance	1000-561-223-0000	\$89.35			Healthcare Premium & Deductible
Workers' Compensation	1000-561-225-0000	\$280.11			1.92%
Communications, Printing and Advertising	1000-561-320-0000	\$0.00			
Garbage and Trash Removal	1000-561-398-0000	\$360,000.00			Consortium 3 Rate
Other - Other Contractual Services	1000-561-399-0000	\$3,383.71			
Other - Other Contractual Services Harrison Township	1000-561-399-1561	\$0.00			
Operating Supplies and Materials	1000-561-420-0000	\$2,930.04			
Operating Supplies and Materials Harrison Township	1000-561-420-1561	\$0.00			
Other - Other	1000-561-690-0000	\$3,000.00			Expenditure at the Discretion of Mayor or VA (Tonage Fee)
Refuse Total		\$0.00	\$383,522.17		
Other - Personal Services	1000-610-190-0000	\$78,921.77			2.0% SS COLA, 26 Pay-Periods
Ohio Public Employees Retirement System	1000-610-211-0000	\$11,049.05			14.00%
Medicare	1000-610-213-0000	\$1,144.37			1.45%
Medical/Hospitalization/Vision	1000-610-221-0000	\$32,431.71			Healthcare Premium & Deductible

2018 Permanent Expense Appropriation Budget

Description	Fund / Program	2018 Permanent Appropriation Budget			Non-binding Narrative for 2018 Budget
	/ Object #	Object	Program	Fund	FOR MEMORANDUM USE ONLY (Guidelines)
Account Name	Account Code	Total	Total	Total	%s are times the Salary 190 Fund Account
Dental Insurance	1000-610-223-0000	\$270.76			Healthcare Premium & Deductible
Workers' Compensation	1000-610-225-0000	\$1,512.22			1.92%
Uniforms and Clothing	1000-610-270-0000	\$440.21			
Utilities	1000-610-310-0000	\$0.00			
Other - Other Contractual Services	1000-610-399-0000	\$0.00			
Other Capital Outlay	1000-610-433-0000	\$13.99			
Other Misc.	1000-610-590-0000	\$0.00			
Traffic Signs and Signals	1000-610-690-000	\$17,000.00			Expenditure at the Discretion of Mayor or VA
Principal	1000-610-710-0000	\$28,000.00			To Purchase vehicles
Interest	1000-610-720-0000	\$2,000.00			To Purchase vehicles
Other - Other Contractual Services	1000-650-420-0000	\$0.00			
Other - Other	1000-670-399-0000	\$1,030.00			
Other - Other	1000-670-690-0000	\$1,000.00			Extra Money for Sidewalks Expenditure at the Discretion of Mayor or VA
Streets Department Total			\$174,814.06		
Salary - Administrator	1000-710-131-0000	\$25,212.09			2.0% SS COLA, 26 Pay-Periods
Salaries - Administrator's Staff	1000-710-132-0000	\$30,020.64			2.0% SS COLA, 26 Pay-Periods
Salary - Mayor	1000-710-161-0000	\$12,037.55			2.0% SS COLA, 26 Pay-Periods
Ohio Public Employees Retirement System	1000-710-211-0000	\$9,417.84			14.00%
Social Security	1000-710-212-0000	\$0.00			
Medicare	1000-710-213-0000	\$975.42			1.45%
Medical/Hospitalization/Vision	1000-710-221-0000	\$19,265.05			Healthcare Premium & Deductible
Dental Insurance	1000-710-223-0000	\$381.07			Healthcare Premium & Deductible
Workers' Compensation	1000-710-225-0000	\$1,288.97			1.92%
Travel and Transportation	1000-710-252-0000	\$50.00			
Uniforms and Clothing	1000-710-270-0000	\$0.00			
Communications, Printing and Advertising	1000-710-320-0000	\$41.20			
Other - Other Contractual Services	1000-710-399-0000	\$23,347.36			
Operating Supplies and Materials	1000-710-420-0000	\$2,288.67			
Repairs and Maintenance of Motor Vehicles	1000-710-433-0000	\$286.82			Vehicle Maintenance
Fuel, Oil, & etc.	1000-710-439-0000	\$0.00			Fuel & Oil
Other - Capital Outlay	1000-710-590-0000	\$0.00			
Other - Other	1000-710-690-0000	\$5,000.00			Expenditure at the Discretion of Mayor or VA
Administrative/Mayor Total			\$129,612.66		
Salaries - Council	1000-715-111-0000	\$19,206.03			2.0% SS COLA, 26 Pay-Periods
Ohio Public Employees Retirement System	1000-715-211-0000	\$2,688.84			14.00%
Social Security	1000-715-212-0000	\$278.49			1.45%
Medicare	1000-715-213-0000	\$0.00			0.00%
Medical/Hospitalization/Vision	1000-715-221-0000	\$49,570.81			Healthcare Premium & Deductible
Dental Insurance	1000-715-223-0000	\$1,083.02			Healthcare Premium & Deductible
Workers' Compensation	1000-715-225-0000	\$4,903.30			1.92%
Travel and Transportation	1000-715-252-0000	\$0.00			
Other - Employee Fringe Benefits	1000-715-290-0000	\$0.00			
Communications, Printing and Advertising	1000-715-320-0000	\$0.00			
Other - Other Contractual Services	1000-715-399-0000	\$10,033.32			
Operating Supplies and Materials	1000-715-420-0000	\$2,384.18			
Repairs and Maintenance of Motor Vehicles	1000-715-433-0000	\$0.00			Vehicle Maintenance
Fuel, Oil, & etc.	1000-715-439-0000	\$0.00			Fuel & Oil
Other - Other	1000-715-690-0000	\$5,000.00			Expenditure at the Discretion of Mayor or VA

2018 Permanent Expense Appropriation Budget

Account Name	Fund / Program	2018 Permanent Appropriation Budget			Non-binding Narrative for 2018 Budget
	Description / Object #	Object	Program	Fund	FOR MEMORANDUM USE ONLY (Guidelines)
Account Code	Account Code	Total	Total	Total	%s are times the Salary 190 Fund Account
Legislative Total			\$95,148.01		
Other - Personal Services	1000-720-190-0000	\$7,223.62			2.0% SS COLA, 26 Pay-Periods
Ohio Public Employees Retirement System	1000-720-211-0000	\$1,011.31			14.00%
Medicare	1000-720-213-0000	\$104.74			1.45%
Medical/Hospitalization/Vision	1000-720-221-0000	\$2,023.17			Healthcare Premium & Deductible
Dental Insurance	1000-720-223-0000	\$43.32			Healthcare Premium & Deductible
Workers' Compensation	1000-720-225-0000	\$138.41			1.92%
Travel and Transportation	1000-720-252-0000	\$0.00			
Other - Other Contractual Services	1000-720-399-0000	\$6,965.89			
Operating Supplies and Materials	1000-720-420-0000	\$623.86			
Other - Other	1000-720-690-0000	\$500.00			Expenditure at the Discretion of Mayor or VA Vacant Position
Mayors Court Total			\$18,634.32		
Salary - Clerk/Treasurer	1000-725-121-0000	\$22,573.82			2.0% SS COLA, 26 Pay-Periods
Ohio Public Employees Retirement System	1000-725-211-0000	\$3,160.34			14.00%
Medicare	1000-725-213-0000	\$327.32			1.45%
Medical/Hospitalization/Vision	1000-725-221-0000	\$6,322.40			Healthcare Premium & Deductible
Dental Insurance	1000-725-223-0000	\$135.38			Healthcare Premium & Deductible
Workers' Compensation	1000-725-225-0000	\$432.54			1.92%
Travel and Transportation	1000-725-252-0000	\$0.00			
Training Services	1000-725-248-0000	\$360.50			
Other - Other Contractual Services	1000-725-399-0000	\$1,423.65			
Operating Supplies and Materials	1000-725-420-0000	\$785.25			
Other - Other	1000-725-690-0000	\$1,809.00			Expenditure at the Discretion of Mayor or VA
Clerk Treasurer			\$37,330.19		
Salaries	1000-730-190-0000	\$10,125.00			Student Work and Jobs & Family Services Program
Ohio Public Employees Retirement System	1000-730-211-0000	\$1,417.50			14%
Social Security	1000-730-212-0000	\$0.00			
Medicare	1000-730-213-0000	\$0.00			0.00%
Workers' Compensation	1000-730-225-0000	\$0.00			0.00%
Uniforms and Clothing	1000-730-270-0000	\$0.00			
Utilities	1000-730-310-0000	\$22,507.06			
Telephone	1000-730-321-0000	\$0.00			
Other - Other Contractual Services	1000-730-399-0000	\$22,845.97			
Operating Supplies and Materials	1000-730-420-0000	\$9,278.51			
Other - Capital Outlay	1000-730-590-0000	\$0.00			
Other - Other	1000-730-690-0000	\$25,000.00			Expenditure at the Discretion of Mayor or VA
Lands and Buildings Total			\$91,174.03		
Election Expenses	1000-735-345-0000	\$2,530.15			
Other - Other	1000-735-690-0000	\$0.00			Expenditure at the Discretion of Mayor or VA
Boards and Commissions Total			\$2,530.15		
Tax Collection Fees	1000-740-344-0000	\$12,992.75			
	1000-740-690-0000	\$0.00			Expenditure at the Discretion of Mayor or VA
County Auditor Total			\$12,992.75		
Auditing Services	1000-745-342-0000	\$0.00			
Other - Other	1000-745-690-0000	\$0.00			Expenditure at the Discretion of Mayor or VA
State Auditor Fee Total			\$0.00		
Other - Personal Services	1000-755-190-0000	\$27,846.00			2.0% SS COLA, 26 Pay-Periods

2018 Permanent Expense Appropriation Budget

Description	Fund / Program	2018 Permanent Appropriation Budget			Non-binding Narrative for 2018 Budget
	/ Object #	Object	Program	Fund	FOR MEMORANDUM USE ONLY (Guidelines)
Account Name	Account Code	Total	Total	Total	%s are times the Salary 190 Fund Account
Ohio Public Employees Retirement System	1000-755-211-0000	\$3,898.44			14.00%
Medicare	1000-755-213-0000	\$403.77			1.45%
Medical/Hospitalization/Vision	1000-755-221-0000	\$21,842.87			Healthcare Premium & Deductible
Dental Insurance	1000-755-223-0000	\$649.93			Healthcare Premium & Deductible
Workers' Compensation	1000-755-225-0000	\$615.56			1.92%
Travel and Transportation	1000-755-252-0000	\$25.00			
Other - Other Contractual Services	1000-755-399-0000	\$72,900.73			
Operating Supplies and Materials	1000-755-420-0000	\$1,800.98			
Other - Capital Outlay	1000-755-590-0000	\$0.00			
Other - Other	1000-755-690-0000	\$1,000.00			Expenditure at the Discretion of Mayor or VA
Tax Administration Total			\$130,983.27		
Other - Capital Outlay	1000-765-590-0000	\$0.00			
Distribution Income Tax Total			\$0.00		
Communications, Printing and Advertising	1000-790-320-0000	\$0.00			
Communication, Printing, and Advertising Total			\$0.00		
Principal	1000-850-710-0000	\$26,500.00			
Interest	1000-850-720-0000	\$795.00			
Debt Service Total			\$27,295.00		
Transfers - Out	1000-910-910-0000	\$0.00			
Transfers - Out Other Misc	1000-910-910-0001	\$0.00			
Debt Service Total			\$0.00		
Advances Out	1000-920-920-0000	\$0.00			
Advances Out Total			\$0.00		
Contingencies	1000-930-930-0000	\$48,049.60			
Contingencies - Construction Reserve	1000-930-930-5000	\$0.00			
Contingencies - Capital Reserve	1000-930-930-5001	\$0.00			
Contingencies - Capital Reserve	1000-930-930-5001	\$0.00			
Contingencies Total			\$48,049.60		
Other - Other Financing Uses	1000-990-990-0000	\$341.56			
Other Total			\$341.56		
General Fund Total	Calculated Revenue Generated	\$2,501,501.93	\$2,182,604.87	2,182,605	Certificate from Pickaway County \$2,182,605
Other-Communications, Printing & Advertising	2011-610-329-0000	\$0.00			New Account
Other - Personal Services	2011-620-190-0000	\$47,094.60			2.0% SS COLA, 26 Pay-Periods
Ohio Public Employees Retirement System	2011-620-211-0000	\$6,593.24			14.00%
Medicare	2011-620-213-0000	\$682.87			1.45%
Medical/Hospitalization/Vision	2011-620-221-0000	\$22,980.58			Healthcare Premium & Deductible (\$4,882.11)
Dental Insurance	2011-620-223-0000	\$406.13			Healthcare Premium & Deductible +\$682.87
Workers' Compensation	2011-620-225-0000	\$1,020.38			1.92%
Uniforms and Clothing	2011-620-270-0000	\$190.00			
Other - Employee Fringe Benefits	2011-620-290-0000	\$0.00			
Other - Other Contractual Services	2011-620-399-0000	\$18,711.71			
Operating Supplies and Materials	2011-620-420-0000	\$8,495.20			
Repairs and Maintenance of Motor Vehicles	2011-620-433-0000	\$11,383.23			Vehicle Maintenance (\$13,080.76)
Fuel, Oil, & etc.	2011-620-439-0000	\$6,873.19			Fuel & Oil (\$489.66)
Other - Capital Outlay	2011-620-590-0000	\$1,510.67			
Other - Other	2011-620-690-0000	\$36,244.65			
Principal	2011-620-710-0000	\$13,463.79			Backhoe and Truck Payment

2018 Permanent Expense Appropriation Budget

Description	Fund / Program / Object #	2018 Permanent Appropriation Budget			Non-binding Narrative for 2018 Budget FOR MEMORANDUM USE ONLY (Guidelines) %'s are times the Salary 190 Fund Account
		Object Total	Program Total	Fund Total	
Account Name	Account Code				
Interest	2011-620-720-0000	\$462.91			Backhoe and Truck Payment
Other - Other Contractual Services for Street Cleaning, Snow & Ice Removal	2011-630-399-0000	\$10,000.00			
Operating Supplies and Materials for Street Cleaning, Snow & Ice Removal	2011-630-420-0000	\$9,075.71			
Operating Supplies and Materials Storm Sewers and Drains	2011-640-420-0000	\$1,500.00			
Operating Supplies and Materials Traffic Signs & Signals	2011-650-420-0000	\$500.00			
Other - Capital Outlay Traffic Signs & Signals	2011-650-590-0000	\$1,500.00			
Other - Other Traffic Signs & Signals	2011-650-690-0000	\$1,500.00			Expenditure at the Discretion of Mayor or VA (\$33,000.00)
Principal Traffic Signs & Signals	2011-650-710-0000	\$0.00			
Interest Traffic Signs & Signals	2011-650-720-0000	\$0.00			
Street Maintenance and Repair Total	Calculated Revenue Generated	\$229,434.69	\$200,188.88	200,189	Certificate from Pickaway County \$200,189
Operating Supplies & Materials Street Maintenance & Repair	2021-620-420-0000	\$5,000.00			
Other - Capital Outlay Street Maintenance & Repair	2021-620-590-0000	\$25,757.00			Traffic Signal Study
Operating Supplies and Materials Traffic Signs & Signals	2021-630-420-0000	\$1,000.00			
Operating Supplies and Materials Traffic Signs & Signals	2021-640-420-0000	\$1,000.00			
Electricity Traffic Signals, Signs	2021-650-311-0000	\$1,000.00			
Operating Supplies and Materials	2021-650-420-0000	\$2,000.00			
Other - Capital Outlay	2021-650-590-0000	\$2,210.91			
State Highway Total	Calculated Revenue Generated	\$39,450.33	\$37,967.91	37,968	Certificate from Pickaway County \$37,993
Other - Other Contractual Services	2041-310-399-0000	\$0.00			
Other - Other Contractual Services	2041-310-590-0000	\$0.00			
Other - Other Outlay	2041-310-690-0000	\$0.00			Expenditure at the Discretion of Mayor or VA
Parks Total	Calculated Revenue Generated	\$0.00	\$0.00	0	Certificate from Pickaway County \$0
Other - Other Contractual Services	2042-320-399-0000	\$0.00			
Buildings and Other Structures	2042-320-530-0000	\$0.00			
Parks Special Total	Calculated Revenue Generated	\$0.00	\$0.00	0	Certificate from Pickaway County \$0
Other - Other Contractual Services	2081-110-399-0000	\$825.00			
Operating Supplies & Materials Street Maintenance & Repair	2081-620-420-0000	\$70.00			
Special Police Fund	Calculated Revenue Generated	\$1,145.00	\$895.00	895	Certificate from Pickaway County \$895
Streets, Highways, Curbs and Sidewalks	2101-610-396-0000	\$46,020.78			
Operating Supplies and Materials	2101-610-420-0000	\$1,282.47			
Other - Capital Outlay	2101-610-590-0000	\$5,595.99			
Streets, Highways, Curbs and Sidewalks	2101-640-396-0000	\$0.00			
Other - Capital Outlay	2101-640-590-0000	\$0.00			
Principal	2101-850-710-0000	\$5,455.75			
Motor Vehicle Total	Calculated Revenue Generated	\$58,354.94	\$58,354.99	58,355	Certificate from Pickaway County \$96,313
Other - Other Contractual Services	2271-110-348-0000	\$10,210.00			
Special Police Education Fund	Calculated Revenue Generated	\$10,950.00	\$10,210.00	10,210	Certificate from Pickaway County \$10,210
Other - Other Contractual Services	2901-610-399-0000	\$11,146.40			
Street Building Fund Total	Calculated Revenue Generated	\$14,889.00	\$11,146.40	11,146	Certificate from Pickaway County \$11,372
Other - Other Contractual Services	2902-640-399-0000	\$6,400.00			
Operating Supplies and Materials	2902-640-420-0000	\$5,400.00			
Surface Water Fund Total	Calculated Revenue Generated	\$16,582.14	\$11,800.00	11,800	Certificate from Pickaway County \$11,866
Other - Capital Outlay	2903-790-590-0000	\$19,061.40			
General Building Fund Total	Calculated Revenue Generated	\$23,782.48	\$19,061.40	19,061	Certificate from Pickaway County \$19,065
Other - Other Contractual Services	2904-720-399-0000	\$1,055.00			

2018 Permanent Expense Appropriation Budget

Description	Fund / Program	2018 Permanent Appropriation Budget			Non-binding Narrative for 2018 Budget
	/ Object #	Object	Program	Fund	FOR MEMORANDUM USE ONLY (Guidelines)
Account Name	Account Code	Total	Total	Total	%s are times the Salary 190 Fund Account
Operating Supplies and Materials	2904-720-420-0000	\$136.00			
Other - Capital Outlay	2904-720-590-0000	\$1,700.00			
Mayors Court Total	Calculated Revenue Generated	\$2,821.04	\$2,891.00	2,891	Certificate from Pickaway County \$4,226
Other - Other	2905-690-690-0000	\$0.00			This Account is used for FEMA Reimbursement of Events
Transfers - Out	2905-910-910-0000	\$0.00			This Account is used for FEMA Reimbursement of Events
FEMA	Calculated Revenue Generated	\$0.00	\$0.00	0	Certificate from Pickaway County \$0.31
Grant Contractual	4201-800-399-0000	\$0.00			State Route 752 and Long Street Intersection Project OPWC
Past Grant	Calculated Revenue Generated	\$0.00	\$0.00	0	Certificate from Pickaway County \$0
Grant Contractual	4202-800-399-0000	\$0.00			Miller Avenue CDBG Project
Past Grant	Calculated Revenue Generated	\$0.00	\$0.00	0	Certificate from Pickaway County \$0
Grant Contractual	4203-800-399-0000	\$0.00			Railroad Crossing Relocation from Griggs to Station Street OPWC
OPWC Railroad Crossing Relocation	Calculated Revenue Generated	\$0.00	\$0.00	0	Certificate from Pickaway County \$0
Other - Personal Services	5101-531-190-1000	\$21,322.82			2.0% SS COLA, 26 Pay-Periods
Ohio Public Employees Retirement System	5101-531-211-0000	\$2,985.20			14.00%
Medicare	5101-531-213-0000	\$309.18			1.45%
Medical/Hospitalization/Vision	5101-531-221-0000	\$34,448.35			Healthcare Premium & Deductible
Dental Insurance	5101-531-223-0000	\$140.79			Healthcare Premium & Deductible
Workers' Compensation	5101-531-225-0000	\$408.57			1.92%
Travel and Transportation	5101-531-252-0000	\$0.00			
Other - Other Contractual Services	5101-531-399-0000	\$761.94			
Operating Supplies and Materials	5101-531-420-0000	\$392.99			
Repairs and Maintenance of Motor Vehicles	5101-531-433-0000	\$0.00			Vehicle Maintenance
Fuel, Oil, & etc.	5101-531-439-0000	\$0.00			Fuel & Oil
Other - Other	5101-531-690-0000	\$1,000.00			Expenditure at the Discretion of Mayor or VA
Other - Personal Services	5101-532-190-0000	\$11,048.02			2.0% SS COLA, 26 Pay-Periods
Ohio Public Employees Retirement System	5101-532-211-0000	\$1,546.72			14.00%
Medicare	5101-532-213-0000	\$160.20			1.45%
Medical/Hospitalization/Vision	5101-532-221-0000	\$697.17			Healthcare Premium & Deductible
Dental Insurance	5101-532-223-0000	\$89.35			Healthcare Premium & Deductible
Workers' Compensation	5101-532-225-0000	\$270.69			1.92%
Travel and Transportation	5101-532-252-0000	\$50.00			
Communications, Printing and Advertising	5101-532-320-0000	\$53.54			
Other - Other Contractual Services	5101-532-399-0000	\$1,634.10			
Operating Supplies and Materials	5101-532-420-0000	\$2,990.98			
Other - Capital Outlay	5101-532-590-0000	\$0.00			
Other - Other	5101-532-690-0000	\$2,006.16			Expenditure at the Discretion of Mayor or VA
Other - Personal Services	5101-533-190-0000	\$64,238.46			2.0% SS COLA, 26 Pay-Periods
Ohio Public Employees Retirement System	5101-533-211-0000	\$8,993.38			14.00%
Medicare	5101-533-213-0000	\$931.46			1.45%
Medical/Hospitalization/Vision	5101-533-221-0000	\$29,330.28			Healthcare Premium & Deductible
Dental Insurance	5101-533-223-0000	\$338.45			Healthcare Premium & Deductible
Workers' Compensation	5101-533-225-0000	\$1,230.87			1.92%
Travel and Transportation	5101-533-252-0000	\$100.00			
Uniforms and Clothing	5101-533-270-0000	\$135.43			
Utilities	5101-533-310-0000	\$35,324.04			
Telephone	5101-533-321-0000	\$965.15			
Training Services	5101-533-348-0000	\$500.00			

2018 Permanent Expense Appropriation Budget

Description	Fund / Program	2018 Permanent Appropriation Budget			Non-binding Narrative for 2018 Budget
	/ Object #	Object	Program	Fund	FOR MEMORANDUM USE ONLY (Guidelines)
Account Name	Account Code	Total	Total	Total	%s are times the Salary 190 Fund Account
Other - Other Contractual Services	5101-533-399-0000	\$71,320.73			
Other - Other Contractual Services Water Tower Payment	5101-533-399-0001	\$47,342.00			Amount for Tower Maintenance
Operating Supplies and Materials	5101-533-420-0000	\$67,793.29			
Repairs and Maintenance of Motor Vehicles	5101-533-433-0000	\$200.38			Vehicle Maintenance
Fuel, Oil, & etc.	5101-533-439-0000	\$896.55			Fuel & Oil
Other - Capital Outlay	5101-533-590-0000	\$22,000.00			Emergency Fund Based Upon OhioEPA Recommendation
Other - Other	5101-533-690-0000	\$130,000.00			Expenditure at the Discretion of Mayor or VA
Other Debt Service Principal	5101-850-710-0000	\$10,075.31			
Other - Debt Service Interest	5101-850-720-0000	\$2,170.57			
Other - Debt Service	5101-850-790-0000	\$76.00			
Advances Out	5101-920-920-0000	\$0.00			
Water Total	Calculated Revenue Generated	\$576,688.81	\$576,279.12	576,279	Certificate from Pickaway County
Other - Personal Services	5201-541-190-0000	\$52,855.58			2.0% SS COLA, 26 Pay-Periods
Ohio Public Employees Retirement System	5201-541-211-0000	\$7,399.78			14.00%
Medicare	5201-541-213-0000	\$766.41			1.45%
Medical/Hospitalization/Vision	5201-541-221-0000	\$34,459.58			Healthcare Premium & Deductible
Dental Insurance	5201-541-223-0000	\$95.65			Healthcare Premium & Deductible
Workers' Compensation	5201-541-225-0000	\$1,012.77			1.92%
Travel and Transportation	5201-541-252-0000	\$50.00			
Utilities	5201-541-310-0000	\$0.00			
Telephone	5201-541-321-0000	\$0.00			
Training Services	5201-541-348-0000	\$0.00			
Other - Other Contractual Services	5201-541-399-0000	\$1,048.61			
Operating Supplies and Materials	5201-541-420-0000	\$665.95			
Repairs and Maintenance of Motor Vehicles	5201-541-433-0000	\$0.00			Vehicle Maintenance
Fuel, Oil, & etc.	5201-541-439-0000	\$0.00			Fuel & Oil
Other - Other	5201-541-690-0000	\$12,235.00			Expenditure at the Discretion of Mayor or VA
Other - Personal Services	5201-542-190-0000	\$11,048.02			2.0% SS COLA, 26 Pay-Periods
Ohio Public Employees Retirement System	5201-542-211-0000	\$1,546.72			14.00%
Medicare	5201-542-213-0000	\$160.20			1.45%
Medical/Hospitalization/Vision	5201-542-221-0000	\$697.17			Healthcare Premium & Deductible
Dental Insurance	5201-542-223-0000	\$89.35			Healthcare Premium & Deductible
Workers' Compensation	5201-542-225-0000	\$270.69			1.92%
Travel and Transportation	5201-542-252-0000	\$100.00			
Communications, Printing and Advertising	5201-542-320-0000	\$0.00			
Other - Other Contractual Services	5201-542-399-0000	\$379.06			
Operating Supplies and Materials	5201-542-420-0000	\$2,285.81			
Other - Capital Outlay	5201-542-590-0000	\$1,000.00			
Other - Other	5201-542-690-0000	\$1,000.00			Expenditure at the Discretion of Mayor or VA
Other - Personal Services	5201-543-190-0000	\$83,050.30			2.0% SS COLA, 26 Pay-Periods
Ohio Public Employees Retirement System	5201-543-211-0000	\$11,627.04			14.00%
Medicare	5201-543-213-0000	\$1,204.23			1.45%
Medical/Hospitalization/Vision	5201-543-221-0000	\$35,652.68			Healthcare Premium & Deductible
Dental Insurance	5201-543-223-0000	\$473.82			Healthcare Premium & Deductible

2018 Permanent Expense Appropriation Budget

Account Name	Description	Fund / Program	2018 Permanent Appropriation Budget			Non-binding Narrative for 2018 Budget	
		/ Object #	Object	Program	Fund	FOR MEMORANDUM USE ONLY (Guidelines)	
Account Code	Account Code	Total	Total	Total	Total	%s are times the Salary 190 Fund Account	
Workers' Compensation	5201-543-225-0000	\$1,591.33				1.92%	
Travel and Transportation	5201-543-252-0000	\$0.00					
Uniforms and Clothing	5201-543-270-0000	\$300.25					
Utilities	5201-543-310-0000	\$130,972.58					
Telephone	5201-543-321-0000	\$2,605.46					
Training Services	5201-543-348-0000	\$128.75					
Other - Other Contractual Services	5201-543-399-0000	\$85,714.25					
Operating Supplies and Materials	5201-543-420-0000	\$32,929.88					
Repairs and Maintenance of Motor Vehicles	5201-543-433-0000	\$1,998.95				Vehicle Maintenance	
Fuel, Oil, & etc.	5201-543-439-0000	\$2,312.32				Fuel & Oil	
Other - Capital Outlay	5201-543-590-0000	\$5,787.00				Emergency Fund Based Upon OhioEPA Recommendation	
Other - Other	5201-543-690-0000	\$57,322.96				Expenditure at the Discretion of Mayor or VA	
Other Contractual I and I	5201-549-399-5004	\$128,625.44					
Fuel, Oil, & etc.	5201-549-439-0000	\$2,000.00					
Other - Debt Service Principal	5201-850-710-0000	\$257,894.38					
Other - Debt Service Interest	5201-850-720-0000	\$51,626.05					
Other - Debt Service	5201-850-790-0000	\$226,744.51					
Transfers - Out	5201-910-910-0000	\$31.00					
Sewer Total	Calculated Revenue Generated	\$1,296,630.09		\$1,249,759.52	1,249,760	Certificate from Pickaway County	\$1,249,761
Other - Capital Outlay	5701-800-590-0000	\$226,914.00					
Transfers - Out	5701-910-910-0000	\$0.00					
Advances - Out	5701-920-920-0000	\$0.00					
Water Improvement Total	Calculated Revenue Generated	\$314,029.66		\$226,914.00	226,914	Certificate from Pickaway County	\$227,240
Sewer Plant Expansion	5702-543-560-5003	\$0.00					
Sewer Plant Expansion	5702-553-560-5003	\$0.00					
Other - Capital Outlay	5702-800-590-0000	\$329,001.00					
Principal	5702-850-710-0000	\$0.00					
Interest	5702-850-720-0000	\$0.00					
Other - Debt Service Sewer Plant Expansion	5702-850-790-5003	\$0.00					
Advances - Out	5702-920-920-0000	\$0.00					
Sewer Improvement Total	Calculated Revenue Generated	\$334,119.47		\$329,001.00	329,001	Certificate from Pickaway County	\$329,001
Utility Distribution Systems	5703-800-399-0000	\$0.00				Randolph Street Residual	
Improvement Fund Total OPWC	Calculated Revenue Generated	\$0.00		\$0.00	0	Certificate from Pickaway County	\$548
Other - Personal Services	5704-559-190-0000	\$0.00				2.0% SS COLA, 26 Pay-Periods	
Other - Personal Services	5704-640-190-0000	\$0.00					
Ohio Public Employees Retirement System	5704-640-211-0000	\$0.00				14.00%	
Medicare	5704-640-213-0000	\$0.00				1.45%	
Medical/Hospitalization/Vision	5704-640-221-0000	\$0.00				Healthcare Premium & Deductible	
Dental Insurance	5704-640-223-0000	\$0.00				Healthcare Premium & Deductible	
Workers' Compensation	5704-640-225-0000	\$0.00				1.92%	
Communications, Printing and Advertising	5704-640-320-0000	\$12,124.00					
Other - Other Contractual Services	5704-640-399-0000	\$3,220.17					
Operating Supplies and Materials	5704-640-420-0000	\$767.00					

2018 Permanent Expense Appropriation Budget

Description	Fund / Program	2018 Permanent Appropriation Budget			Non-binding Narrative for 2018 Budget
	/ Object #	Object	Program	Fund	FOR MEMORANDUM USE ONLY (Guidelines)
Account Name	Account Code	Total	Total	Total	%s are times the Salary 190 Fund Account
Repairs and Maintenance of Motor Vehicles	5704-640-433-0000	\$27,224.00			
Other - Captial Outlay	5704-640-590-0000	\$0.00			
Other - Other	5704-640-690-0000	\$0.00			
Other - Personal Services	5704-800-190-0000	\$2,553.52			
Other - Contractual Services	5704-800-399-0000	\$0.00			
Operating Supplies and Materials	5704-800-420-0000	\$27,837.42			
Other - Captial Outlay	5704-800-590-0000	\$0.00			
Other - Other	5704-800-690-0000	\$173,000.00			
Principal	5704-850-710-0000	\$10,196.04			
Principal (Other Misc)	5704-850-710-1000	\$0.00			
Interest	5704-850-720-0000	\$523.24			
Interest (Other Misc)	5704-850-720-1000	\$0.00			
Other - Debt Service	5704-850-790-0000	\$0.00			
Transfers - Out	5704-910-910-0000	\$0.00			
Stormwater Department	Calculated Revenue Generated	\$292,890.81	\$257,445.39	257,445	Certificate from Pickaway County \$257,953
Principal	5721-850-710-0000	\$0.00			
Interest	5721-850-720-0000	\$0.00			
Other - Debt Service	5721-850-790-0000	\$0.00			
TOTAL UTIL. DEBT SERV. RES. (5721)	Calculated Revenue Generated	\$0.34	\$0.00	0	Certificate from Pickaway County \$0
Other - Debt Service	5741-850-790-0000	\$25,000.00			
FmHA Debt Reserve	Calculated Revenue Generated	\$25,000.00	\$25,000.00	25,000	Certificate from Pickaway County \$25,000
Other - Debt Service	5742-850-790-0000	\$25,000.00			
5742 FmHA Debt Surplus	Calculated Revenue Generated	\$25,000.00	\$25,000.00	25,000	Certificate from Pickaway County \$25,000
Deposits Refunded	5781-599-610-0000	\$7,227.66			
Deposits Applied	5781-599-620-0000	\$5,000.00			
Deposit Fund Total	Calculated Revenue Generated	\$12,291.27	\$12,227.66	12,228	Certificate from Pickaway County \$12,841
Professional and Technical Services	9901-790-340-0000	\$100,000.00			
	Calculated Revenue Generated	\$76,062.74	\$100,000.00	100,000	Certificate from Pickaway County \$51,583
Total		\$5,851,624.74		5,336,747	\$5,633,940.20

The Village Council authorizes that funds maybe expended for coffee, meals, refreshments and /or other amenities for municipal officers, employees or other persons. The Village Fiscal Officer is authorized to draw warrants on the Village Treasury for payments from any of the appropriations upon receiving proper certificates and vouchers, approved by the Council or officers authorized by law, or an ordinance or resolution of council to make the expenditure; provided that no warrants shall be drawn or paid for salaries or wages except to persons employed by authority of and in accordance with law or ordinance. All interest earned by the Village of Ashville unless indicated differently by the Ohio Revises Code (ORC) will be applied to the General Fund. Provided further that the appropriations for contingencies can only be expended upon vote of two-thirds of Council for items of expense constituting a legal obligation against the village, and for purposes other than those covered by other specific appropriations.



ORDINANCE 2018-04 OF THE VILLAGE OF ASHVILLE



AN ORDINANCE TO APPROVE CURRENT REPLACEMENT PAGES TO THE ASHVILLE CODIFIED ORDINANCES, AND DECLARING AN EMERGENCY.

WHEREAS, CERTAIN PROVISIONS WITHIN THE CODIFIED ORDINANCES SHOULD BE AMENDED TO CONFORM WITH CURRENT STATE LAW AS REQUIRED BY THE OHIO CONSTITUTION; AND

WHEREAS, VARIOUS ORDINANCES OF A GENERAL AND PERMANENT NATURE HAVE BEEN PASSED BY COUNCIL WHICH SHOULD BE INCLUDED IN THE CODIFIED ORDINANCES; AND

WHEREAS, THE VILLAGE HAS HERETOFORE ENTERED INTO A CONTRACT WITH THE WALTER H. DRANE COMPANY TO PREPARE AND PUBLISH SUCH REVISION WHICH IS BEFORE COUNCIL;

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF ASHVILLE, OHIO;

SECTION 1: That the ordinances of the Village of Ashville, Ohio, of a general and permanent nature, as revised, recodified, rearranged and consolidated into component codes, titles, chapters and sections within the 2018 Replacement Pages to the Codified Ordinances are hereby approved and adopted.

SECTION 2: That the following sections and chapters are hereby added, amended or repealed as respectively indicated in order to comply with current State law.

TRAFFIC CODE

- 303.04 Road Workers, Motor Vehicles and Equipment Excepted. (Amended)
- 303.081 Impounding Vehicles on Private Residential Property. (Amended)
- 303.082 Tow Away Zones. (Amended)
- 313.09 Driver's Duties Upon Approaching Ambiguous Traffic Signal. (Amended)
- 331.03 Overtaking, Passing to Left; Driver's Duties. (Amended)
- 333.01 Driving Under the Influence. (Amended)
- 335.09 Display of License Plates. (Amended)
- 337.28 Use of Sunscreening, Nontransparent and Reflectorized Materials. (Amended)
- 351.07 Unattended Vehicles: Duties. (Amended)

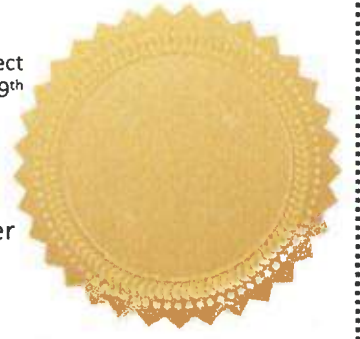
GENERAL OFFENSES CODE

- 501.01 General Definitions. (Amended)
- 513.09 Controlled Substance or Prescription Labels. (Amended)
- 521.10 Nonsmoking Areas in Places of Public Assembly. (Amended)
- 525.05 Failure to Report a Crime, Injury or Knowledge of Death. (Amended)
- 529.07 Open Container Prohibited. (Amended)
- 529.08 Hours of Sale or Consumption. (Amended)
- 537.15 Temporary Protection Order. (Amended)
- 537.18 Contributing to Child Delinquency. (Amended)
- 541.02 Arson. (Amended)
- 549.01 Weapons Definitions. (Amended)
- 549.02 Carrying Concealed Weapons. (Amended)
- 549.04 Improperly Handling a Firearm in a Motor Vehicle. (Amended)

CERTIFICATE OF RECORDING OFFICER

I, the undersigned, hereby certify, that the foregoing is a true and correct copy of the ordinance adopted by the Village of Ashville Council held on 19th day of March 2018, and that I am duly authorized to execute this certificate.

Prepared: 02/11/2016
Revised Date:
Review Date:



(Original signature of April D. Grube)

Clerk-Fiscal Officer
(TITLE)

SECTION 3: The complete text of the sections listed above are set forth in full in the current replacement pages to the Codified Ordinances which are hereby attached to this ordinance as Exhibit A. Any summary publication of this ordinance shall include a complete listing of these sections. Notice of adoption of each new section by reference to its title shall constitute sufficient publication of new matter contained therein.

SECTION 4: That this ordinance is hereby declared to be an emergency measure necessary for the preservation of the public peace, health and safety of the Municipality and its inhabitants for the reason that there exists an imperative necessity for the earliest publication and distribution of current Replacement Pages to the officials and residents of the Municipality, so as to facilitate administration, daily operation and avoid practical and legal entanglements, and shall go into full force and effect immediately upon its passage by Council

Offered by: Nelson R. Embrey

Seconded by: Brad B. Lutz

PASSED THIS 19th DAY OF MARCH, 2018

ATTEST:

April D. Grube, Clerk-Fiscal Officer

DATE: 3/20/18

APPROVED

Charles K. Wise, Mayor

DATE: 22 MAR 18



ORDINANCE 2018-05

OF THE VILLAGE OF ASHVILLE

AN ORDINANCE APPROVING THE SOLID WASTE MANAGEMENT PLAN AND DECLARING AN EMERGENCY.



WHEREAS, the Ross Pickaway Highland Fayette Solid Waste Management District, by its Solid Waste Policy Committee, has adopted a Solid Waste Management Plan for the District; and

WHEREAS, pursuant to Ohio Revised Code Section 3734.55(B), the Board of County Commissioners and the legislative authority of each municipal corporation or township under the jurisdiction of the District, must approve or disapprove the Plan by ordinance or resolution; and

WHEREAS, the Village of Ashville, in Pickaway County, Ohio have reviewed the Plan and considered it at a duly called meeting; and

WHEREAS, the Plan furthers the public interest; and

NOW THEREFORE BE IT ORDAINED, that the Solid Waste Management Plan of the Ross Pickaway Highland Fayette Solid Management District, adopted by the Solid Waste Policy Committee on December 7, 2017, is hereby approved;

AND BE IT FURTHER ORDAINED, that a copy of this Ordinance of Approval shall promptly be delivered, or caused to be delivered, to the Solid Waste Management Policy Committee of the Ross Pickaway Highland Fayette Solid Waste Management District.

THIS ORDINANCE IS HEREBY DECLARED TO BE AN EMERGENCY, necessary for the immediate preservation of the public health, safety, and welfare for the reason that solid waste management is a primary concern and the activities of the Ross Pickaway Highland Fayette Solid Waste Management District need to proceed without delay.

Offered by: Nelson R. Embrey

Seconded by: Brad B. Lutz

Upon call of the roll the following vote resulted: 6 Yes 0 No

PASSED THIS 2nd DAY OF April, 2018

ATTEST:

DATE: 4/4/18

April D. Grube, Clerk-Fiscal Officer

APPROVED:

DATE: 04 APR 18

Charles K. Wise, Mayor

Prepared: 03/26/2018
Revised Date:
Review Date:

CERTIFICATE OF RECORDING OFFICER
I, the undersigned, hereby certify, that the foregoing is a true and correct copy of the ordinance adopted by the Village of Ashville Council held on 2nd day of April 2018, and that I am duly authorized to execute this certificate.



(Original signature of April D. Grube)

Clerk-Fiscal Officer
(TITLE)

Solid Waste Management Plan

2018 Plan Update

Adopted by Policy Committee
for Ratification (review and approval by county
commissioners and political jurisdictions)

Ross Pickaway Highland Fayette Solid Waste Management District



416 Longshore Drive
Ann Arbor, Michigan 48105
1-800-517-9634
1-734-996-1361

Written by

This page intentionally left blank.

Table of Contents

1.	Introduction	1-1
	A. Plan Approval Date, Counties in District, and Planning Period Length	1-1
	B. Reasons for Plan Submittal.....	1-1
	C. Process to Determine Material Change in Circumstances	1-1
	D. District Formation and Certification Statement	1-4
	E. Policy Committee Members	1-4
	F. Board of County Commissioners	1-6
	G. District Address and Phone Number	1-7
	H. Technical Advisory Committee and Other Subcommittees	1-7
2.	Executive Summary	2-1
	A. Status of Implementation.....	2-1
	B. Solid Waste Management Plan Update.....	2-1
	C. Narrative Description of Chapters III – IX	2-2
3.	Inventories.....	2-1
	A. The Reference Year	2-1
	B. Existing Solid Waste Landfills	2-1
	C. Existing Incinerators and Resource Recovery Facilities	2-2
	D. Existing Transfer Facilities	2-3
	E. Existing Recycling Activities	2-5
	F. Existing Composting/Yard Waste Management Facilities	2-12
	G. Facilities Used By the District Which Are Located Outside Ohio.....	2-13
	H. Existing Open Dumps and Waste Tire Dumps	2-13
	I. Ash, Foundry Sand, and Slag Disposal Sites.....	2-14
	J. Map of Facilities and Sites.....	2-15
	K. Existing Collection Systems – Haulers	2-15
4.	Reference Year Population, Waste Generation, and Waste Reduction.....	4-1
	A. Reference Year Population and Residential/Commercial Waste Generation	4-1
	B. Industrial Waste Generation	4-1
	C. Exempt Waste	4-2
	D. Reference Year Waste Reduction.....	4-3
	E. Total Waste Generation.....	4-3
	F. Existing Waste Reduction/Recycling Activities	4-7
	G. Total Waste Generation: Historical Trends of Disposal Plus Waste Reduction.....	4-27
	H. Reconciliation of Waste Generation	4-28
	I. Waste Composition	4-30
5.	Planning Period Projections and Strategies	5-1
	A. Planning Period	5-1
	B. Population Projections	5-1
	C. Waste Generation Projections	5-2
	D. Projections for Waste Stream Composition	5-6

E. Waste Reduction Strategies through the Planning Period	5-6
6. Methods of Management: Facilities and Programs to be Used	6-1
A. District Methods for Management of Solid Waste.....	6-1
B. Demonstration of Access to Capacity.....	6-3
C. Schedule for Facilities and Programs: New, Expansions, Closures, Continuations.....	6-10
D. Identification of Facilities	6-15
E. Authorization Statement to Designate	6-15
F. Waiver Process for Undesignated Facilities.....	6-15
G. Siting Strategy for Facilities	6-16
H. Contingencies for Capacity Assurance and District Program Implementation	6-16
7. Measurement of Progress Toward Waste Reduction Goals	7-1
A. District Will Comply with Goal(s) Identified	7-1
B. Demonstration of Compliance with Goal #1	7-1
C. Calculating Goal #2, the Waste Reduction Rate (WRR)	7-9
8. Cost and Financing of Plan Implementation	8-1
A. Funding Mechanisms and Amount of Money Generated	8-1
B. Costs of Plan Implementation	8-4
C. Funds Allocated from ORC 3734.57(b), ORC 3734.572 and ORC 3734.573.....	8-11
D. Contingent Funding or Financing	8-12
E. Summary of Costs and Revenues.....	8-12
9. District Rules	9-1

Appendices

- Appendix A Resolution Establishing the District
- Appendix B Public Notices and Comments
- Appendix C Certification Statements
- Appendix D District Map
- Appendix E Blank Solid Waste Survey
- Appendix F Survey Data Results
- Appendix G Existing Programs and Services Survey
- Appendix H Outreach Program Options

Section 1: Introduction

A. Plan Approval Date, Counties in District, and Planning Period Length

Currently approved plan:

Date of approval:	<u>August 24, 2012</u>
Counties within District:	<u>Fayette, Highland, Pickaway, Ross</u>
Years in planning period:	<u>15</u>

Plan to be implemented with approval of this document

Counties within district:	<u>Fayette, Highland, Pickaway, Ross</u>
Reference Year for this Plan:	<u>2015</u>
Years in planning period:	<u>15</u>
Year 1 of planning period:	<u>2018</u>

B. Reasons for Plan Submittal

This update to the Ross Pickaway Highland Fayette Solid Waste Management District (hereafter referred to as the "District") solid waste management plan (hereafter referred to as "Plan Update") represents the District's five-year update to its solid waste management plan as required by Ohio Revised Code (ORC) Section 3734.56.

C. Process to Determine Material Change in Circumstances

Section 3734.56(D) of the Ohio Revised Code requires that the District must revise the plan if a "material change in circumstances has occurred in the District." The State Format requires that the plan must include a description of the process that will be used by the District to determine when a material change in circumstances has occurred in the District, and as a result, requires a plan amendment.

The Ross Pickaway Highland Fayette (RPHF) District Plan does not foresee designating facilities, although the District reserves the right to do so in the future. The flow of waste in the District is subject to an open market and is not restricted.

Virtually all programs are carried out with voluntary cooperation by the residents, businesses, and political subdivisions. These programs are overseen and implemented by County and District staff with funding incorporated into the budget for the District office. The majority of funding is expected to be received from the \$3.00 per ton generation fee, although the District may receive special grants, donations, and/or reimbursements.

The term "material change in circumstances" will be defined by the District as a change (or changes) in the elements of the Plan that are so drastic that the District cannot implement the Plan as approved.

Process to Determine If a Material Change In Circumstances Has Occurred in the District

As detailed in Section 3734.56(0) O.R.C., the Board of Directors shall make the determination that material changes in circumstances has occurred in the District that requires a plan amendment.

Criteria Used to Determine a Material Change in Circumstances Has Occurred

1. Has the amount of waste to be landfilled increased in the District by at least 50% or to such an extent that disposal capacity is unavailable and the waste cannot be picked up and disposed.
2. Have any of the transfer facilities ceased operation and the effect is that the waste not being picked up and local residents have no waste disposal opportunities within a 50-mile radius?
3. Has revenue from the generation fee reduced to such an extent that anticipated income falls below \$250,000 a year, preventing the District office from continuing to remain in operation while satisfying the mandates of the state plan through the next Plan revision due date?
4. Have landfills used by the District ceased operation or refused waste from the District to the extent that solid waste from the District is not being picked up and disposed in other regional landfills?
5. Has the Ohio Revised Code or the Ohio Administrative Code changed so drastically that newly enacted changes require a plan revision?
6. Have private recyclers ceased operation to the extent that more than 50% of the recyclables formerly processed from that operation cannot be processed elsewhere?
7. Has the timetable for the schedule of implementation of the strategies and programs in the Plan been delayed so long that the programs are no longer capable of being implemented?
8. Have the strategies for waste reduction and/or recycling, along with other strategies developed, failed to produce results that are at least 70% of those projected overall?
9. Have the procedures to be followed for plan implementation proved to be impossible to follow?
10. Have citizens, businesses or other groups or individuals brought forward the need to amend the Solid Waste Plan at any regularly scheduled meeting?

Ongoing Monitoring Procedures Used to Evaluate the Criteria Established

1. Monthly financial statements prepared by the District staff showing revenues received, expenditures made, remaining balance and revised projected revenue for the year.
2. Examination of the monthly generation fee statements documenting where and how much waste from the District is being disposed in which transfer facilities and landfills.
3. The Annual District Report, required by the Ohio EPA by June 1 of each year.
4. Notification that a facility has ceased operation.
5. Quarterly status and progress reports on District strategies prepared by District staff.

Timetable for Analyzing the Determination

1. In the event of the closure of a facility used by the District, the District staff will immediately make calls to determine if the waste previously going to that facility has been accommodated elsewhere. If not, the staff will make additional calls and inquiries to help find a suitable facility to accept the waste. Where the District's waste flows is determined by free market, private haulers/contractors. Hence, calls to other facilities not appropriate for the District. A more appropriate response might be to meet with the private/public contractors who have closed, or who will be soon closing, and determine what the next steps would be for assuring the District's waste will continue to be properly disposed.
2. In the event that funding levels fall below anticipated levels and the remaining balance and new anticipated levels of funding will not fund District operations through the required planning period, the Board will meet to consider a report prepared by the District staff concerning current and projected fee revenues.
3. Within 30 days of notification or recognition that any of the criteria listed above have occurred or may occur, the District staff will gather and prepare information available concerning the change along with a report of how the change will affect plan implementation, District revenue, disposal and process capacity and present the findings to the Board of Directors.
4. The Board will review the report and request additional information, if necessary. The District staff will prepare the additional information as requested and distribute this information to the Board within 30 days of the request. The Board may consider the report and/or additional information for up to 90 days, if necessary.
5. No later than 90 days after receiving the initial report, the Board will convene and make the decision by resolution as to whether a material change in circumstance has occurred in the District.
6. If the Board determines that a material change has occurred, the Policy Committee will be requested to meet within 45 days and will be requested to revise the Plan. If the regular required update is already in progress, the Plan amendment may be incorporated into the Plan update rather than requiring a separate plan amendment and a plan revision to be prepared by the Policy Committee at the same time.

Notification Procedure after Reaching a Determination

Within five working days after the Board makes the determination that a material change in circumstances has occurred in the District that requires a plan revision, the District staff will notify the chairman and vice chairman of the Policy Committee of the Board's determination.

If the Policy Committee is scheduled to meet within 40 days, the District staff will notify the members of the Policy Committee by mail that the request of the Board for Plan revision will be discussed at the meeting.

If no regularly scheduled meeting is to be held within 40 days, the chairman or the vice chairman or any five members will call for a special meeting of the Policy Committee to be held within 40 days. Within five days of the calling of the special meeting, notification of the special meeting shall be sent by mail by the District staff to each Policy Committee member. The notification shall include the date, time and place of the meeting and a copy of the resolution of the determination made by the Board to be discussed.

D. District Formation and Certification Statement

The District is a four county district formed in March 1989. There have been no changes in the member counties of the District or the initial agreement establishing the District since formation. A copy of the resolution pertaining to the formation of the RPHF Solid Waste Management District is included in **Appendix A**.

Appendix B contains:

1. A copy of the resolution establishing a period of public comment and scheduling a public hearing on the plan;
2. A copy of each public notice as it appeared in local newspapers notifying the public concerning the contents of the plan, the notification of the hearing on the plan, and welcoming public comments on the plan; and
3. Comments from the Public concerning the plan.

Appendix C contains:

1. A certification statement signed by a majority of the members of the Policy Committee asserting that the contents of the ratified draft amended plan are true and accurate to the best of their knowledge;
2. A resolution by the Policy Committee adopting the plan prior to ratification;
3. A resolution certifying that the plan has been properly ratified;
4. A list of all political jurisdictions in the District that voted on ratification of the plan, the population represented by each, and the percentage population of the District as represented by the political jurisdictions that ratified the plan.
5. One copy of all resolutions from political jurisdictions ratifying the plan.

E. Policy Committee Members

The Policy Committee for a joint District is comprised of seven members representing each county and include:

- The president of the board of county commissioners or his designee;
- The mayor, or a representative chosen to act on his/her behalf, of the largest city;
- A member representing the townships chosen by a majority of the boards of township trustees within the county;
- The health commissioner, or a representative appointed by the health commissioner to act on behalf of each county's health department;
- A member representing industrial, commercial, or institutional generators of solid waste within that county; and
- A member representing the general interests of citizens and who have no conflict of interest through affiliation with a waste management company or with any entity that is a significant generator of solid wastes.
- A member representing the public.

RPHF is a joint District with an even number of counties, thus the policy committee includes one additional public member. The following committee members are listed in accordance with the political jurisdictions and constituencies they represent:

County	Representing	Policy Committee Member
Fayette	County Commissioner	Tony Anderson
Fayette	Largest Municipality designee	Tim Mitchel
Fayette	Township Trustee	James Garland
Fayette	Health Commissioner designee	Rick Garrison
Fayette	Industrial Representative	Brian Longberry
Fayette	Citizen Representative	Rose Fisher Merkowicz
Fayette	Public Representative	Steve Luebbe
Highland	County Commissioner	Thomas Horst
Highland	Largest Municipality designee	Debbie Sansone
Highland	Township Trustee	Jay Duncan
Highland	Health Commissioner designee	Kyle Arn
Highland	Industrial Representative	Keith Sowell
Highland	Citizen Representative	Chuck Williams
Highland	Public Representative	Jennifer Waterman
Pickaway	County Commissioner	Harold Henson
Pickaway	Largest Municipality designee	Don Sherman
Pickaway	Township Trustee	Kenny Davis
Pickaway	Health Commissioner designee	Kelly Dennis

County	Representing	Policy Committee Member
Pickaway	Industrial Representative	Jacki Landau
Pickaway	Citizen Representative	Eugene Dowler
Pickaway	Public Representative	Paul Flory
Ross	County Commissioner	Doug Corcoran
Ross	Largest Municipality designee	Jeff Carman
Ross	Township Trustee	Jim Hatfield
Ross	Health Commissioner designee	Ben Avery
Ross	Industrial Representative	Katherine Wiedeman
Ross	Citizen Representative	Ray Wells
Ross	Public Representative	Ronald Fields (Chairperson)
District	Public at large	Judi Mannion

F. Board of Directors

The Board of Directors is comprised of:

Title	Commissioner
Fayette County	
President	Tony Anderson
Vice President	Daniel Dean
Member	Jack DeWeese (Chairperson)
Highland County	
President	Shane Wilkin
Vice President	Thomas Horst
Member	Jeff Duncan
Pickaway County	
President	Harold Henson
Vice President	Brian Stewart
Member	Jay Wippel
Ross County	
President	Jim Caldwell
Vice President	Steve Neal
Member	Doug Corcoran

Note: Commissioner assignments are for Calendar Year 2015.

G. District Address and Phone Number

Ross, Pickaway, Highland, Fayette Joint Solid Waste Management District

District Contact: Tom Davis
District Coordinator
Location: 141 W. Main St., Suite 400
Circleville, OH 43113
Telephone: (740) 420-5452
FAX: (740) 420-5455

E-mail: tdavis@pickaway.org

Web Page: www.rphfsolidwastedistrict.com

H. Technical Advisory Committee and Other Subcommittees

1. Assisting in the Planning Process

The Policy Committee of the Ross, Pickaway, Highland, Fayette Joint Solid Waste Management District has in the past called upon individuals to serve on a Technical Advisory Committee. Current meetings of the Policy Committee allow for public input. The Policy Committee did not use an Advisory Committees to update this plan, but will certainly assemble such group should the need arise.

2. Implementing the Plan

There are no relative committees or subcommittees established during plan implementation. Meeting notifications are sent to media inviting public attendance. As previously stated, it is not anticipated that Technical Advisory Committees will be established, but this option remains open.

This page intentionally left blank.

Section 2: Executive Summary

House Bill 592, which became effective on June 28, 1988 required the Director of Ohio EPA, with the advice of the Solid Waste Management Advisory Council (SWAC) to establish a state solid waste management plan. The legislation also requires boards of county commissioners in all of Ohio's 88 counties to form solid waste management districts, either individually or in conjunction with other boards of county commissioners. The Ross Pickaway Highland Fayette Solid Waste Management District (District) was formed as a multi county district in 1989. The primary responsibility of solid waste management districts is to ensure residents have access to adequate solid waste disposal capacity and implement programs to reduce the reliance on landfills.

A. Status of Implementation under the 2012 Plan

All solid waste districts are required to develop and implement their own district solid waste plans to comply with goals established in the state solid waste management plan. The District's first solid waste management plan (locally written) was approved by the Director of Ohio EPA on July 6, 1992. The District has since had four updates; the first was approved in 1996, the second in 1999, the third in 2006, and the fourth in 2012.

The 2012 Plan was prepared to demonstrate compliance with the seven goals of the *1995 State Solid Waste Management Plan (1995 State Plan)*. The *1995 State Plan* established the following goals:

- Goal 1: Ensure the availability of reduction, recycling, and minimization alternatives for municipal solid waste (also known as the "Access Goal")
- Goal 2: Reduce and/or recycle at least 25% of the residential/commercial solid waste and 66% of the industrial solid waste generated by each SWMD
- Goal 3: Provide informational and technical assistance on source reduction
- Goal 4: Provide informational and technical assistance on recycling, reuse, and composting opportunities
- Goal 5: Strategies for scrap tires, yard waste, lead-acid batteries and household hazardous waste
- Goal 6: Annual reporting of plan implementation
- Goal 7: Market development strategy (optional)

The 2012 Plan relied on private sector opportunities to continue recycling programs. It also maintained the District's commitment to contract with a private service provider to implement District-wide drop-off recycling. Emphasis was also placed on District coordination of collection events for tires and electronics. Planning period revenue sources were predicted to average \$476,326 and expenditures \$467,140.

B. Solid Waste Management Plan Update

This update was prepared to demonstrate compliance with the seven goals of the *1995 State Solid Waste Management Plan (1995 State Plan)*. This Plan Update follows Ohio EPA's *Solid Waste Management Plan Format (Format)*, version 3.0. The *Format* requires specific narrative information and data tables. There are nine major sections to the *Format* which appear in this plan update:

- Section 1 - includes basic information about the District.
- Section 2 - is an Executive Summary and includes brief narrative descriptions of each section in the Plan Update.
- Section 3 - includes an inventory of facilities, activities, and haulers used by the District to manage waste in the reference year (2015).
- Section 4 - includes the reference year statistics for the Plan Update including population data, waste generation and waste reduction estimations for the residential/commercial sector and the industrial sector. Section 4 also contains detailed descriptions of the recycling and waste reduction programs that were offered by the District in the reference year.
- Section 5 - includes projections of population, waste generation and waste reduction for each year of the planning period. Section 5 also contains descriptions of the recycling and waste reduction programs that will be offered by the District throughout the planning period.
- Section 6 - includes the District's anticipated strategy for managing the waste that is projected to be generated throughout the planning period.
- Section 7 - presents the demonstration of the District's compliance with Goal #1 of the *1995 State Plan*. Section 7 also presents data to demonstrate the progress the District will make towards meeting Goal #2 of the *1995 State Plan*.
- Section 8 - includes a presentation of the financial resources of the District as well as the projected expenditures that the District will make during the planning period.
- Section 9 – This Section addresses the District's authority to adopt rules.

This Executive Summary provides an overview of each section of the Plan Update.

C. Narrative Description of Chapters 3 - 9

Section 3 - Inventories

Section 3 identifies the existing waste reduction and waste services operating in the District. Waste source reduced, recycled, composted, incinerated, and disposed are measured to establish a basis for planning period projections. In addition, all existing solid waste disposal, recycling, and transfer facilities used by the District must be identified. Existing waste reduction and waste services must be established for a reference year. The reference year for this plan update is 2015.

Seventeen private haulers operated in the district in 2015 and direct-hauled waste to 12 Ohio landfills (all out-of-district) and 2 out-of-state landfills. Over 36 percent of the District's landfilled waste was first transferred through one of 9 transfer facilities before being landfilled.

Private sector hauls all residential, commercial and industrial recycling. Residential recycling infrastructure continued with 2 curbside services in municipalities and 38 drop-off locations throughout the four Counties. In 2015, the curbside programs collected 157 tons of recyclable materials and the drop-off program collected 3,897 tons of recyclable materials. Other recycling occurred through yard waste services, composting, and food diversion. Yard waste facilities reported composting 2,945 tons of yard waste in 2015.

Section 4 – Reference Year Waste Population, Waste Generation, and Waste Reduction

Section 4 thoroughly outlines all reference year programs so that Section 5 can project and make educated estimates for planning period waste generation, disposal and reduction. Section

4 gathers data for population, making adjustments if needed; calculates waste generation, using various methods and determining the best representative for the District; assesses waste reduction and recycling data; and compares reference year information to historical trends or alternative estimating methodologies.

Reference year population for all four Counties are based on the average annual rate of change from 2010 determined by Ohio Development Services Agency (ODSA). Estimated population for the District is 205,873, and population is expected to slightly decrease during the planning period.

Residential/commercial waste generation in the reference year was calculated by adding together recycling data obtained through the survey that was conducted for this Plan Update and waste disposal data obtained from the annual reports submitted by waste management companies. Using this methodology, residential/commercial waste generation was determined to be 184,640 tons in 2015, or a per capita generation rate of 4.91 pounds/person/day.

Industrial waste generation was calculated by adding together the recycling data obtained during the survey to waste disposal data obtained from landfill and transfer facility annual operating reports. Industrial generation, which was calculated by adding together recycling and disposal data, was determined to be 257,342 tons.

Exempt waste generation was determined from annual reports submitted by waste disposal companies. In 2015, owners and operators of landfill facilities reported having received 40,131 tons of exempt waste.

The last plan update committed to a reliance on the private sector for recycling programming. Recycling opportunities include: curbside, drop-off, special collections, buybacks, second-hand stores, and retailer take-back. Political jurisdictions arrange curbside programs (District is available for technical assistance). The District manages the drop-off and special collections and private businesses dictate take-back, buyback, and retail opportunities.

This section details developments in the programs and assesses strengths and weaknesses.

Identified strengths include:

- South Bloomfield curbside program.
- Ashville curbside program.
- Increased residential/commercial recycling rate.
- District website re-design.
- Special collection event opportunities.

Identified weaknesses include:

- Increased contamination/illegal dumping at drop-off recycling locations.
- Increasing operational costs of drop-off recycling program.
- Minimal commercial and industrial survey response.
- Inconsistent messaging and programs from Outreach/education specialists.

Total residential and commercial waste reduction achieved from curbside, drop-offs, fiber collection, special collection, composting, and private recycling was 40,661 tons. Industrial waste reduction is reported as 205,622 tons.

Section 5 – Planning Period Projections and Strategies

Section 5 contains projections for each year of the planning period for population, waste generation, recycling, and waste disposal. Section 4 reconciled data serves as the base for all projections. Districts must establish a planning period which extends a minimum of ten years into the future, and provide strategies to meet waste management needs for the set planning period. The first year of this Plan Update's planning period is 2018 and extends 16 years to 2033. Ohio Revised Code Section 3734.56 require solid waste management plan updates to be prepared and submitted every 3 or 5 years, depending upon whether the plan covers a planning period of less than 15 years or 15 or more years. This Plan Update extends 16 years and thus will be updated again by the District in 5 years.

For planning period projections, the District reviewed historical data trends for waste disposal and recycling as well as considered projections and trends from Ohio Department of Job and Family Services. For the residential/commercial sector, the most representative projections came from historical data trends. Based on historical trends the District is expecting to see a 1.1 percent annual increase in waste generation increasing residential/commercial waste generation to 189,304 tons (5.06 lb/person/day) by the end of the planning period. For the industrial sector projections were based on Ohio Department of Job and Family Services predictions of manufacturing employment increasing. A 0.4% per year increase is projected for industrial generation. Industrial sector end of the planning period waste generation is projected to increase to 290,995 tons. Total District waste generation is predicted to increase to 520,430 tons (includes 40,131 tons of exempt waste).

Section 5 further evaluates the programs and strategies presented in Section 4 for future growth, changes, or discontinuation. The changes proposed in this section are a result of a significant engagement process with the Policy Committee, Board, and District staff. Outreach included meetings and surveys. The thoughts and opinions gathered throughout that process played a pivotal role in many of the decisions in this document.

A full discussion of programs and strategies to continue and/or new programs is provided in Section 5. A brief overview is presented here:

- **South Bloomfield Curbside Recycling** – continue
- **Ashville Curbside Recycling** – continue
- **Chillicothe Curbside Recycling** – Provide recycling incentive mini-grant to help start-up curbside recycling program in 2017.
- **Drop-off Recycling Collection** – District is planning to continue providing containers to meet access. Measures will be added to help deter contamination/illegal dumping.
- **Industrial Surveys** – continue
- **Commercial Surveys** – continue

- **Fayette County Sort Floor** - Assess effectiveness of program and work with Fayette County Engineers Office to improve or expand if feasible.
- **AbiBow LLC Fiber Collection** - District will continue to coordinate with AbiBow LLC (formerly Abitibi Consolidated, Inc.) to place and service receptacles collecting various types of paper.
- **Event Recycling** - The District is targeting to work with and implement 1 away from home diversion opportunity a year.
- **District Website and Social Media** - Continue District website and increase social media usage.
- **Education and Awareness of Household Hazardous Waste** - Increase District website education to include less toxic alternative cleaning product guidance.
- **Outreach/Education Specialists and Public Outreach**

Restructuring of program as indicated in the program below:

County	Ross County	Highland County	Fayette County	Pickaway County
Staff	Part-time Outreach and education Specialist. District agreement of \$20,000 per year with each Board of County Commissioners.			Full-time District Assistant Coordinator will spend part-time as Pickaway County outreach and education specialist. District employs full-time employee.
Structure	Work from County offices with County support structure (i.e. phone, computer, copier, county budget/financial processing).			Work from District offices with District support structure (i.e. phone, computer, copier)
Reporting	Participate in 4 outreach and education meetings at District offices. Participate in 2 outreach and education conference calls. Track activities and engagements and measure progress. Provide monthly timesheet and activity report to County Commissioners and District.			Participate in 4 outreach and education meetings at District offices. Participate in 2 outreach and education conference calls. Track activities and engagements and measure progress. Provide monthly timesheet and activity report to District.
Responsibilities	Conduct outreach and education activities. Plan and implement, in conjunction with District staff, at least two special collection events such as tires & electronics. Oversee county's drop-off recycling program: assure cleanliness, coordinate with contractor on issues, work with site hosts, and find new drop-off site locations, if needed. Assist District in conducting annual business recycling survey.			

Note: Restructuring planned for year 2018.

In addition, short and long-term goals are targeted for implementation during the planning period. See full description in Section 5.

- **Organic Management Partnership** - Target opportunities in private sector to encourage on-site management of food waste.
- **Commercial/Industrial Assistance** - The goal is to expand recycling in the commercial and industrial sectors by broadening the technical assistance provided by the District.
- **Promote Curbside Recycling** - District staff will continue to facilitate discussion and engagement with political jurisdiction stakeholders encouraging curbside recycling.

- **Promote Product Stewardship and Retailer Take-Back** - As retailers and materials are identified the website will be updated. Identified materials with retailer take-back opportunities include: tires, electronics, and appliances.
- **Reuse Network** - Promote Ohio Materials Marketplace.
- **Electronics Collection Events** - Funding permitting the District is planning every year electronics collection events in each county.
- **HHW Collection** - In 2017, the District is planning to hold a one-day collection event open to all residents in the District and plans to continue this annually. Also in 2017, the District implemented an HHW voucher program that allows District residents to take HHW materials, free of charge, to Environmental Enterprises, Inc. in Columbus, Ohio.
- **Yard Waste Programs** – continue to let private sector and political jurisdictions provide service and offer technical assistance if needed.
- **Scrap Tire Collection Events** - Continue to host scrap tire collection events in each county.
- **Tire dump cleanup** - The District partners with Ohio EPA utilizing the "Consensual Scrap Tire Removal" Program.
- **Recycling Incentive Mini Grant** - Community, business and institutional grants will be available to businesses, government entities, non-profit organizations and education institutions interested in implementing a new recycling program or improving an existing program to support long-term recycling goals.
- **Enforcement Strategy** - Partnerships to assist with environmental compliance issues will be explored.
- **Health Department** - District will assist Health Departments in all four counties to develop stronger and consistent methods for haulers and to work with enforcement of illegal dumping.
- **County Revolving Fund** - District provides a set fund of money to each county for HB 592 programming related expenses.

Both residential/commercial recycling and industrial recycling are expected to increase through the planning period.

Section 6 – Methods of Management: Facilities and Programs to be Used

Section 6 demonstrates the available methods for managing waste generation throughout the planning period. The District must show how generated waste will be recycled, composted, transferred, and disposed in the reference year and throughout the planning period. Demonstrating disposal capacity is a key requirement of local solid waste management plans.

As presented in earlier sections of the Plan Update, waste generation was determined from recycling plus disposal data. Generation was projected (as described in Section 5) to increase for the residential/commercial and industrial sectors throughout the planning period. Total projected capacity needed for each management method for the entire planning period is:

Recycling:	4,468,415 tons
------------	----------------

Transfer:	1,302,867 tons
Composting:	98,981 tons
Landfilling:	3,666,620 tons

Of the waste generated in 2015, the District recycled 51%, composted 1%, incinerated 2% and disposed 46%. Throughout the planning period the District is expecting to manage generated waste through these same management methods at roughly the same percentages. Using the estimates for waste disposal, the District performed a regional capacity analysis to demonstrate adequate disposal capacity.

During the 2015 reference year, 12 landfills managed 235,833 tons of solid waste generated by District residents, businesses, and industries. Twelve landfills located outside the district but within Ohio, managed 97% of landfilled waste. The District also sent waste to out-of-state landfills that accepted 5,920 tons or 3% of waste landfilled. Ohio landfills accepting District waste had over 270 million cubic yards of remaining permitted capacity as of January 1, 2015. Not all of the in-state landfills used in the 2015 reference year are within a reasonable transport distance to the District, but with the use of transfer facilities waste is transported further distances.

Over the 16-year planning period, the District will need disposal capacity for an estimated 5,499,930 cubic yards.

Section 7 – Measurement of Progress Toward Waste Reduction Goals

The *1995 State Plan* establishes seven goals districts are required to achieve in their solid waste management plans. These goals are important to further recycling and waste minimization within the District. However, Goals #1 and Goals #2 are considered primary goals when evaluating a District’s plan for compliance with the *State Plan*. Section 7 of the *Format Plan* determines the progress towards Goal #1 and Goal #2.

The *1995 State Plan* mandates the Ross Pickaway Highland Fayette Solid Waste Management District comply with either Goal #1 or Goal #2 in order to obtain an approved solid waste management plan. Solid waste management districts are encouraged to attempt to demonstrate compliance with both goals of the *1995 State Plan* but are required to demonstrate compliance with only one goal or the other.

This Plan Update demonstrates compliance with Goal #1 (Access). This requires the District to provide infrastructure access for at least 90% of its residents, evaluate its waste recycling rate, and ensure commercial/institutional generations have access to recycling opportunities. The District must also demonstrate that outreach and education programs are in place.

The District service area comprises 4 counties. Ross had a population of 77,170 in 2015. The total access credits for reference year programs total 45,000 residents resulting in 58% of the population having access to recycling opportunities. Access will increase in 2019 to 100% after Chillicothe’s curbside program is implemented. The District demonstrates access via 1 non-subscription curbside and 14 drop-off locations. The minimum five materials accepted for the residential sector are mixed paper, glass containers, steel containers, aluminum containers, and plastic containers.

Pickaway had a population of 56,998 in 2015. The total access credits for reference year programs total 51,041 residents resulting in 90% of the population having access to recycling opportunities. Access will increase in 2019 to 100% with additional drop-off locations. The District demonstrates access via 2 non-subscription curbside and 13 drop-off locations. The minimum five materials accepted for the residential sector are mixed paper, glass containers, steel containers, aluminum containers, and plastic containers.

Highland had a population of 43,026 in 2015. The total access credits for reference year programs total 40,000 residents resulting in 93% of the population having access to recycling opportunities. Access will increase in 2019 to 100% with the addition of three rural drop-offs. The District demonstrates access via 12 drop-off locations. The minimum five materials accepted for the residential sector are mixed paper, glass containers, steel containers, aluminum containers, and plastic containers.

Fayette had a population of 28,679 in 2015. The total access credits for reference year programs total 15,000 residents resulting in 52% of the population having access to recycling opportunities. Access will increase in 2019 to 100% after additional drop-off locations are added. The District demonstrates access via 8 drop-off locations. The minimum five materials accepted for the residential sector are mixed paper, glass containers, steel containers, aluminum containers, and plastic containers.

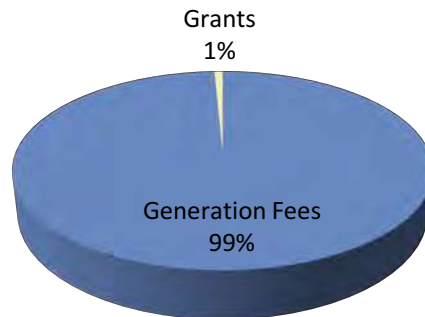
The waste reduction rate for the residential/commercial sector in the year 2015 was 22% and is projected to be 19% in 2018 and 25% in 2033.

The waste reduction rate for the industrial sector in the year 2015 was 80% and is projected to be 85% in 2018 and 86% in 2033.

Section 8 – Cost and Financing of Plan Implementation

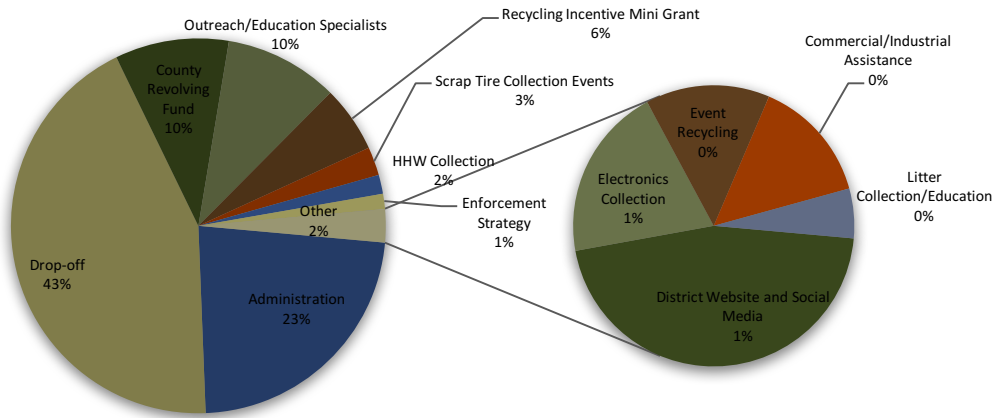
Section 8 presents the revenues and expenses associated with the District’s financing of plan implementation. In 2012, the District adopted and ratified a \$3.00 per ton generation fee effective January 1, 2013. This fee amount will remain unchanged for this plan update cycle (5 years). The District has historically relied and will continue to rely on generation fees, grants and miscellaneous income for revenue. The distribution of revenues for the reference year is shown in Figure 2-1 below:

Figure 2-1 Summary of Revenues in 2015



The 2018 projected expenses per program is shown below in Figure 2-3.

Figure 2-3 Projected Expense Categories for 2018



Section 9 – District Rules

This Plan Update does not prepare or adopt any rules.

Table ES-1 General Information

District Name: Ross Pickaway Highland Fayette Solid Waste Management District		
District ID #:	Reference Year: 2015	Planning Period: 2018-2033
Plan Status: Draft		Reason for Plan Submittal: Five-year plan update

Table ES-2 District Coordinator

Name: Tom Davis		
Address: 141 W Main Street, Suite 400		
City: Circleville	State: Ohio	Zip: 43113
Phone: (740) 420-5452	Fax: (740) 420-5455	

Table ES-3 Plan Data Summary

Plan Data		Reference Year 2015	2018	2033
Population		205,873	205,668	204,850
Generation	Res/Comm	184,640	187,238	189,304
	Industrial	257,342	279,460	290,995
	Exempt	40,131	40,131	40,131
	Total Generation	482,113	508,460	520,430
Waste Reduction	Industrial Source Reduction	0	0	0
	Industrial Recycling	205,622	236,871	251,488
	Res/Comm Source Reduction	0	0	0
	Res/Comm Recycling	34,114	29,478	41,725
	Yard Waste Composting	6,546	6,186	6,186
	Incineration	0	0	0
	Ash Disposed	0	0	0
	Total Waste Reduction	246,283	274,140	299,399
Disposal	Out-of-District Landfills	229,913	228,412	215,482
	Out-of-State Landfills	5,920	5,881	5,548
	Total Landfill	235,833	234,293	221,030
Waste Reduction Rate		51.08%	53.92%	57.53%

*Excludes exempt waste in WRR calculation.

Table ES-4 Existing Disposal Facilities

Name	District tons	2015 Total tons	Years Left
Rumpke Brown Co Sanitary Landfill (Brown, OH)	16,162	351,004.09	95.8
Wilmington Sanitary Landfill (Clinton, OH)	4,349	26,748.25	5.5
Franklin County Sanitary Landfill (Franklin, OH)	1,479	1,063,427.95	22.3
Rumpke Waste Inc Hughes Rd Landfill (Hamilton, OH)	15	1,659,940.46	14.2
Hancock County Sanitary Landfill (Hancock, OH)	3	127,830.96	30.1
Carbon Limestone Landfill LLC (Mahoning, OH)	1	967,732.25	60.7
Stony Hollow Landfill Inc (Montgomery, OH)	2,411	302,029.12	16.7
Pike Sanitation Landfill (Pike, OH)	115,199	231,589.29	75.1
Athens Hocking C&DD/Reclamation Center Landfill (Athens, OH)	200	176,722.85	51.2
Suburban Landfill, Inc (Perry, OH)	448	404,151.84	20.0
Pine Grove Regional Facility (Fairfield, OH)	5,603	241,159.66	60.1
Beech Hollow Landfill (Jackson, OH)	243	340,699.32	61.7
Republic Services of KY LLC-Epperson Waste (Kentucky)	1	NA	NA
Marysville-Mason Co Landfill (Kentucky)	5,919	NA	NA

Section 3: Inventories

A. The Reference Year

The Reference Year is defined as the calendar year represented by data collection efforts for new surveys conducted for the amended plan Year 2015 is identified as the reference year for this Plan Update. Data collected in Section 3 Inventories represents data from year 2015.

B. Existing Solid Waste Landfills

The District disposed of 235,831 tons of waste in landfills. The majority of the District waste disposed is residential/commercial as shown in Figure 3-1, “Waste Tonnage Landfilled by Sector”. All District waste is disposed in out-of-district and out-of-state landfill facilities. The District does not have any in-district licensed operating landfills in use.

Waste flows to the landfills either by direct haul or through a transfer facility. Approximately 64 percent of the waste was direct hauled, meaning a refuse truck picked up waste from clients and directly hauled that waste to a landfill for disposal. Direct hauled waste is disposed in in-state and out-of-state landfill facilities. The majority of direct hauled waste was disposed in one privately owned landfill located in Ohio in neighboring Pike County. 98 percent of the waste was disposed of at in-state facilities, while 2 percent was disposed in out-of-state landfill facilities.

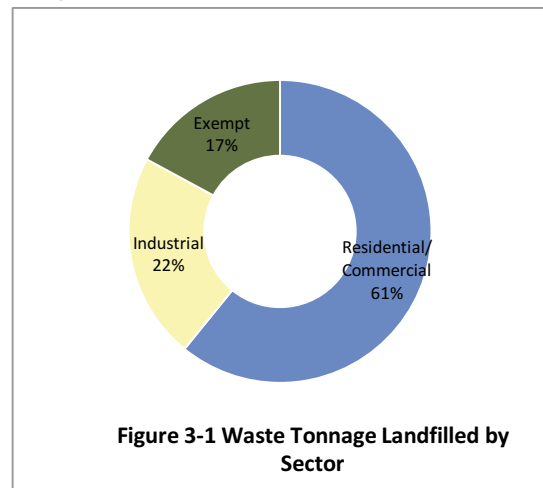


Figure 3-1 Waste Tonnage Landfilled by Sector

Table 3-1, “Landfills Used by the District” identifies all landfill facilities that accepted District waste for disposal. As shown on the table, there are also a number of transfer facilities identified. In cases where waste is hauled from a transfer facility to a landfill, the county of origin is not recorded at the landfill. This means a load of trash disposed in a landfill from a transfer facility could have waste mixed from several counties. When a transfer facility hauls to more than one landfill, it becomes difficult to track which landfill received a county’s waste. For planning purposes the waste hauled through transfer facilities is listed separately.

A wide variety of wastes are disposed in municipal solid waste landfills. Waste generated from households, commercial businesses, institutions, and industrial plants. In addition, asbestos (if permitted to do so), construction and demolition debris, dewatered sludge, contaminated soil, and incinerator ash. More District waste from residential and commercial sources was disposed than from industrial sources.

Information in this section was obtained from Ohio EPA’s Ohio Facility Data Report Tables for 2015.

Table 3-1 Landfills Used by the District

Facility Name	Type of Landfill	Location		Waste Received from the SWMD (TPY)			Total
		County	State	Residential/Commercial	Industrial	Exempt	
In-District Landfill Facilities							
none							
In-District Transfer Facilities							
R.L.S Transfer, Inc	PA, PO	Ross	Ohio	11,535	0	2,345	13,880
Circleville Transfer Station	PA, PO	Pickaway	Ohio	28,169	0	44	28,213
Waste Management of Ohio - Chillicothe	PA, PO	Ross	Ohio	19,336	6,310	0	25,646
Fayette County Transfer Facility	PA, GO	Fayette	Ohio	5,068	4,921	0	9,989
Out-of-District Landfill Facilities							
Rumpke Brown Co Sanitary Landfill	PA, PO	Brown	Ohio	13,859	125	2,178	16,162
Wilmington Sanitary Landfill	PA, GO	Clinton	Ohio	4,349	0	0	4,349
Franklin County Sanitary Landfill	PA, GO	Franklin	Ohio	1,479	0	0	1,479
Rumpke Waste Inc. Hughes Rd Landfill	PA, PO	Hamilton	Ohio	15	0	0	15
Hancock County Sanitary Landfill	PA, GO	Hancock	Ohio	0	0	3	3
Carbon Limestone Landfill LLC	PA, PO	Mahoning	Ohio	0	1	0	1
Stony Hollow Landfill Inc.	PA, PO	Montgomery	Ohio	1,292	1,115	4	2,411
Pike Sanitation landfill	PA, PO	Pike	Ohio	44,391	35,937	34,871	115,199
Athens Hocking C&DD/Reclamation Center Landfill	PA, PO	Athens	Ohio	166	34	0	200
Suburban Landfill, Inc.	PA, PO	Perry	Ohio	17	431	0	448
Pine Grove Regional Facility	PA, PO	Fairfield	Ohio	2,245	2,772	586	5,603
Beech Hollow Landfill	PA, PO	Jackson	Ohio	120	74	49	243
Out-of-District Transfer Facilities							
SWACO Jackson Pike Transfer Facility	PA, PO	Franklin	Ohio	1	0	0	1
Local Waste Services Transfer	PA, PO	Franklin	Ohio	4,859	0	36	4,895
Columbus Transfer and Recycling Facility	PA, PO	Franklin	Ohio	109	0	0	109
Waste Management of Ohio Transfer & Recycling	PA, PO	Franklin	Ohio	1,036	0	0	1,036
Reynold Avenue Transfer Station	PA, PO	Franklin	Ohio	15	0	15	30
Out-of-State Facilities							
Republic Services of KY LLC-Epperson Waste	Grant	PA, PO	KY	1	0	0	1
Marysville-Mason Co Landfill	Mason	PA, PO	KY	5,919	0	0	5,919
Totals				143,980	51,720	40,131	235,831

Source(s) of information: 2015 Ohio Facility Data Report Tables

Notes:

PA=Publicly Available; GO= Government Owned; PO=Privately Operated, C=Captive, RW3=Residual Solid Waste Class III, na = not available
Other and Asbestos waste included in Residential/Commercial category. "CD/D" included in Exempt category.

C. Existing Incinerators and Resource Recovery Facilities

Publicly available incinerators or resource recovery facilities currently do not exist within the District. Information in this section has been obtained from Ohio EPA’s Facility Data Report Tables for 2015. Table 3-2, “Solid Waste Incinerators and Waste-to-Energy Facilities Used by the District,” shows one facility used. Glatfelter burns tires that were already credited to the SWMD’s where the tires originated. Volume reduction is not credited to avoid double counting the tires.

Table 3-2: Solid Waste Incinerators and Waste-to-Energy Facilities Used by the District

Facility Name	Type of Facility	Location		Waste Received from the SWMD (TPY)				Bypass Waste Received (TPY)	Total Ash Produced (TPY)
				Waste Incinerated					
		County	ST	Residential/Commercial	Industrial	Exempt	Total		
In-District Facilities									
Glatfelter	WTE	Ross	Ohio	8,116			8,116		2,705.3
Out-of-District Facilities									
None	n/a	n/a	n/a		-		-		-
Out-of-State Facilities									
None	n/a	n/a	n/a						
Totals				0	0	0	0	0	0

Source(s) of information: 2015 Survey to District.

D. Existing Transfer Facilities

Table 3-3, “Solid Waste Transfer Facilities Used By the District”, presents a listing of all transfer facilities. In cases where waste is hauled from a transfer facility to a landfill, the county of origin is not recorded at the landfill. This means a load of trash disposed in a landfill from a transfer facility could have waste mixed from several counties. When a transfer facility hauls to more than one landfill, it becomes difficult to track which landfill received a county’s waste. For planning purposes, the waste hauled through transfer facilities is listed separately identifying possible destination landfills. Approximately 36 percent of the waste was transferred, meaning a refuse truck picked up waste from clients and hauled that waste to a transfer facility. Waste was tipped, reloaded into transfer trucks, and hauled to landfills for disposal.

Table 3-3: Solid Waste Transfer Facilities Used by the District

Facility Name	Type of Facility	Location		Waste Received from the SWMD (TPY)				Recyclables Processed (TPY)	
		County	State	Residential/ Commercial	Industrial	Exempt	Total	Recovered from Waste	Total
In-District Transfer Facilities									
R.L.S Transfer, Inc	PA, PO	Ross	Ohio	11,535	0	2,345	13,880.00	0	0.00
Circleville Transfer Station	PA, PO	Pickaway	Ohio	28,169	0	44	28,213.00	0.00	0.00
Waste Management of Ohio - Chillicothe	PA, PO	Ross	Ohio	19,336	6,310	0	25,646.00	0.00	0.00
Fayette County Transfer Facility	PA, GO	Fayette	Ohio	5,068	4,921	0	9,989.00	0.00	0.00
Out-of-District Transfer Facilities									
SWACO Jackson Pike Transfer Facility	PA, PO	Franklin	Ohio	1	0	0	1.00	0.00	0.00
Local Waste Services Transfer	PA, PO	Franklin	Ohio	4,859	0	36	4,895.00	0.00	0.00
Columbus Transfer and Recycling Facility	PA, PO	Franklin	Ohio	109	0	0	109.00	0.00	0.00
Waste Management of Ohio Transfer & Recycling	PA, PO	Franklin	Ohio	1,036	0	0	1,036.00	0.00	0.00
Reynold Avenue Transfer Station	PA, PO	Franklin	Ohio	15	0	15	30.00	0.00	0.00
Totals				70,128.00	11,231.00	95.00	83,799.00	0.00	0.00

Source(s) of information: 2015 Ohio Facility Data Report Tables

Notes:

PA=Publicly Available; GO=Government Owned; PO=Privately Owned; C=Captive; RW3=Residual Solid Waste Class III; n/a = not applicable
 Other and Asbestos waste included in Residential/Commercial category. "CD/D" included in Exempt category.

Transfer facilities hauled approximately 83,779 tons of District waste. Of these nine facilities, Circleville Transfer Station transferred the majority of waste, approximately 34% followed by Waste Management of Ohio Chillicothe at 31%. Figure 3-2, “Transfer Facilities used by the District” depicts the transfer stations used and their respective market share.

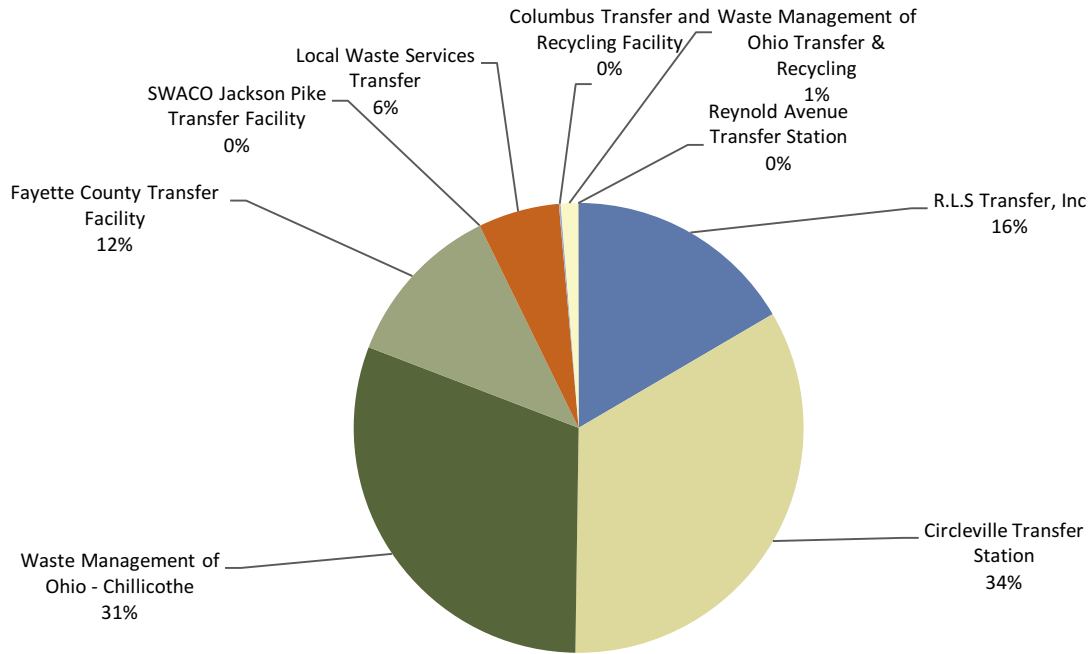


Figure 3-2 Transfer Facilities Used by the District

E. Existing Recycling Activities

Table 3-4, “District Residential Curbside Recycling Activities”, shows two residential curbside recycling programs in 2015. Provision of recycling services is privatized in the SWMD, no public haulers provide hauling services. Municipalities take proposals/quotes from private sector service providers to deliver the specified services. Public-private contracts determine collection frequency, materials collected, size of containers, and type of collection. Subscription service provides residents in the community the opportunity to “subscribe” for curbside recycling service. Non-subscription service provides curbside recycling to everyone in the community.

Table 3-4: District Residential Curbside Recycling Activities

Curbside Recycling Name	Type of Curbside	# of Households Served	Frequency of Collection	Average # of Households Participating	Service Area		Types of Materials Accepted	Recyclables Processed from the SWMD (TPY)
					County	Township/Cities		
Village of Ashville	S	1,551	Weekly	na	Pickaway	Village of Ashville	PA, CA, PL, ST, AL	78
South Bloomfield	NS	834	Bi-weekly	na	Pickaway	South Bloomfield	PA, CA, PL, ST, AL, GL, Cartons	79

Source(s) of information: 2015 Annual District Report

Notes:

AL = Aluminum Cans, PA= Paper, GL=Glass bottles and Jars, CA= Cardboard/Paperboard, ST=Steel Cans, PL= Plastic Bottles & Jars
 S = Subscription, NS = Non-subscription, NA = Not available, PA = Publicly available, PUO= Private-Use Only, PR = Private Business, R =
 SY=Scrap Yard, BR= Broker, BB= Buy Back Center, DO= Drop-Off, CO = Compost, DNR= Did Not Report

The District contracts provision and service of drop-off containers with a private service provider. Sites are open to the public 7 days a week (full-time) and collect aesthetic packages/juice boxes (cartons), aluminum cans, paper, glass bottles and jars, cardboard/paperboard, steel cans, and plastic bottles and jars. Materials are collected in a single stream. Container size and service frequency depends on container location.

Since 2014, the District has offered yearly collection events for electronics. Since April 2004, District staff has coordinated with AbiBow LLC (formerly Abitibi Consolidated, Inc.) to place and service receptacles collecting various types of paper. There are approximately 30 "paper retrievers" placed in Circleville and Chillicothe areas. Most locations are at public locations such as schools, churches, libraries and fire stations.

Located within the District and areas surrounding the District are several scrap dealers, recyclers, haulers, and re-use centers offering outlets for recycling various materials.

Table 3-5, "Drop-offs, Buybacks, Hauler Collection, Other Recycling Activities and HHW Collection Used by the District", lists the facilities and activities used by the District in 2015, including both in-district and out-of-district facilities. Each activity line item includes the recycling collected through that activity. Information in this table is based on results of surveys, facility records, and direct inquiry.

Table 3-5: Drop-offs, Buybacks, Hauler Collection, Other Recycling Activities and HHW Collection Used by the District

Facility/Activity Name, Address, Phone	Type of Facility or Activity ¹	Types of Materials Accepted ²	Service Area			Hours Available to Public	Recyclables Processed from the SWMD (TPY)	Processing Capacity (tons)		
			County	Townships/Cities	Population Served ³			% of Material from Sector:	Daily (TPD)	Annual (TPY)
Drop-Off Recycling, FS, Rural										
Bloomingsburg Town Hall (62 Main Street)	PA, DO	AL, PA, GL, CA, ST, PL	Fayette	Bloomingsburg Village/Paint Township	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Jeffersonville (10 W High St – Detty’s Market)	PA, DO	AL, PA, GL, CA, ST, PL	Fayette	Jeffersonville Village/Jefferson Township	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Milledgeville (850 Main St – Community Center)	PA, DO	AL, PA, GL, CA, ST, PL	Fayette	Milledgeville/Jasper Township	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Miami Trace High School (3722 State Route 41 NW)	PA, DO	AL, PA, GL, CA, ST, PL	Fayette	Madison Township	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Lynchburg (1505 US 50 & RT 134 – Terry’s Grocery)	PA, DO	AL, PA, GL, CA, ST, PL	Highland	Lynchburg/Dodson Township	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Mowrystown (138 W. Main Street – Seger’s)	PA, DO	AL, PA, GL, CA, ST, PL	Highland	Mowrystown/WHITEOAK Township	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
New Market Township (Rt 62 & New Market Rd)	PA, DO	AL, PA, GL, CA, ST, PL	Highland	New Market Township	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Paint Township (Truck Stop)	PA, DO	AL, PA, GL, CA, ST, PL	Highland	Paint Township	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Darbyville (SR 316 & Water Street)	PA, DO	AL, PA, GL, CA, ST, PL	Pickaway	Darbyville/Muhenberg Township	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Mt Sterling (20635 Waterloo Road)	PA, DO	AL, PA, GL, CA, ST, PL	Pickaway	Mt Sterling/Deercreek Township	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
New Holland (17 N Church St)	PA, DO	AL, PA, GL, CA, ST, PL	Pickaway	New Holland/Perry Township	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Williamsport (300 Ballard Ave)	PA, DO	AL, PA, GL, CA, ST, PL	Pickaway	Williamsport	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Bainbridge (103.5 West Fifth Street)	PA, DO	AL, PA, GL, CA, ST, PL	Ross	Bainbridge/Paxton Township	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Bourneville (11521 US Route 50)	PA, DO	AL, PA, GL, CA, ST, PL	Ross	Bourneville/Twin Township	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A

Facility/Activity Name, Address, Phone	Type of Facility or Activity ¹	Types of Materials Accepted ²	Service Area			Hours Available to Public	Recyclables Processed from the SWMD (TPY)	Processing Capacity (tons)		
			County	Townships/Cities	Population Served ³			% of Material from Sector:	Daily (TPD)	Annual (TPY)
Clarksburg (10823 Main St)	PA, DO	AL, PA, GL, CA, ST, PL	Ross	Clarksburg/Deerfield Township	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Frankfort (94 S. Main Street)	PA, DO	AL, PA, GL, CA, ST, PL	Ross	Frankfort/Concord Township	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Drop-Off Recycling, FS, Urban										
Washington Courthouse (1600 Robinson Rd – Fayette County Transfer)	PA, DO	AL, PA, GL, CA, ST, PL	Fayette	Washington Courthouse	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Greenfield (950 N. Washington St - Sunoco)	PA, DO	AL, PA, GL, CA, ST, PL	Highland	Greenfield/Madison Township	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Hillsboro (6537 Dunlap Rd - Brads)	PA, DO	AL, PA, GL, CA, ST, PL	Highland	Hillsboro	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Hillsboro (11070 St Rt 56 – Mini Mart)	PA, DO	AL, PA, GL, CA, ST, PL	Highland	Hillsboro	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Hillsboro (1575 North High Street - BMV)	PA, DO	AL, PA, GL, CA, ST, PL	Highland	Hillsboro	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Hillsboro (CM Recycling - 131 Catherine Street)	PA, DO	AL, PA, GL, CA, ST, PL	Highland	Hillsboro	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Hillsboro (489 E. Main Street - Sunoco)	PA, DO	AL, PA, GL, CA, ST, PL	Highland	Hillsboro	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Ashville (655 Circleville Ave – Teays Valley Middle School)	PA, DO	AL, PA, GL, CA, ST, PL	Pickaway	Ashville/Harrison Township	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Ashville (Lexington Park)	PA, DO	AL, PA, GL, CA, ST, PL	Pickaway	Ashville/Harrison Township	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Circleville (1097 US Highway 22 West – Rumpke Recycling)	PA, DO	AL, PA, GL, CA, ST, PL	Pickaway	Circleville	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Circleville (1051 State Route 56 – Rhoads Market)	PA, DO	AL, PA, GL, CA, ST, PL	Pickaway	Circleville	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Circleville (PICCA)	PA, DO	AL, PA, GL, CA, ST, PL	Pickaway	Circleville	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A

Facility/Activity Name, Address, Phone	Type of Facility or Activity ¹	Types of Materials Accepted ²	Service Area			Hours Available to Public	Recyclables Processed from the SWMD (TPY)	Processing Capacity (tons)		
			County	Townships/Cities	Population Served ³			% of Material from Sector:	Daily (TPD)	Annual (TPY)
Circleville (1410 N. Court St. – Bowling Alley)	PA, DO	AL, PA, GL, CA, ST, PL	Pickaway	Circleville	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Commercial Point (6752 State Route 762)	PA, DO	AL, PA, GL, CA, ST, PL	Pickaway	Commercial Point/Scioto Township	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Chillicothe (990 Eastern Chillicothe - Rumpke)	PA, DO	AL, PA, GL, CA, ST, PL	Ross	Chillicothe	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Chillicothe (100 Mill Street - YMCA)	PA, DO	AL, PA, GL, CA, ST, PL	Ross	Chillicothe	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Chillicothe (946 SR 180 Zane Trace School bus station)	PA, DO	AL, PA, GL, CA, ST, PL	Ross	Chillicothe	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Chillicothe (End of Blain Highway & Huntington Schools Softball Field)	PA, DO	AL, PA, GL, CA, ST, PL	Ross	Chillicothe	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Chillicothe (212 Riverside Drive – Yoc'tangee Park)	PA, DO	AL, PA, GL, CA, ST, PL	Ross	Chillicothe	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Chillicothe (1470 N Bridge St – K-mart)	PA, DO	AL, PA, GL, CA, ST, PL	Ross	Chillicothe	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Chillicothe (Adena Park)	PA, DO	AL, PA, GL, CA, ST, PL	Ross	Chillicothe	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Chillicothe (101 University Dr – OU Branch)	PA, DO	AL, PA, GL, CA, ST, PL	Ross	Chillicothe	entire district	24/7	3897.05 (cumulative total of entire district)	100% R/C	N/A	N/A
Commercial/Industrial Businesses										
Commercial reporting OEPA	PR	AL, PA, GL, CA, ST, PL, wood, Ferrous, Nonferrous	entire district	entire district	entire district	na	4,454.6	100% C	N/A	N/A
Commercial reporting to District	PR	AL, PA, GL, CA, ST, PL, wood, Ferrous, Nonferrous	entire district	entire district	entire district	na	27,317	100% C	N/A	N/A
Industrial reporting to District	PR	AL, PA, GL, CA, ST, PL, wood, Ferrous, Nonferrous	entire district	entire district	entire district	na	204,775.7	100% I	N/A	N/A
Hauler Food Waste Data	hauler	FW	entire district	entire district	entire district	na	2,862.0	100% C	N/A	N/A

Facility/Activity Name, Address, Phone	Type of Facility or Activity ¹	Types of Materials Accepted ²	Service Area			Hours Available to Public	Recyclables Processed from the SWMD (TPY)	Processing Capacity (tons)		
			County	Townships/Cities	Population Served ³			% of Material from Sector:	Daily (TPD)	Annual (TPY)
Class I, II, III and IV Composting Facilities										
Fayette County Compost Facility	CO	YW	Fayette	entire district	entire district	na	225	100% R/C	N/A	N/A
Washington Compost Facility	CO	YW	Fayette	entire district	entire district	na	2373	100% R/C	N/A	N/A
Duncan Farms	CO	YW	Highland	entire district	entire district	na	6.53	100% R/C	N/A	N/A
Pine Grove Regional Facility	CO	YW	Fairfield	entire district	entire district	na	7.93	100% R/C		
Pleasantview Farms	CO	YW	Pickaway	entire district	entire district	na	260	100% R/C	N/A	N/A
Pickaway Correctional Institution	CO	YW, FW	Pickaway Correctional Institution	na	Pickaway Correctional Institution	na	8.07 YW 35.44 FW	100% R	N/A	N/A
Ross Correctional Institution	CO	YW, FW	Ross Correctional Institution	na	Ross Correctional Institution	na	12.46 YW 36.79 FW	100% R	N/A	N/A
Garick Corp Paygro	CO	YW, FW	entire district	na	entire district	na	51 YW 667 FW	100% R/C	N/A	N/A
Recycling Centers/MRFs										
Rumpke Waste Recycling- Columbus	MRF	Commercial Materials	entire district	na	entire district	na	631.7	100% C	N/A	N/A
Rumpke Waste Recycling- Columbus	MRF	Industrial Materials	entire district	na	entire district	na	72.6	100% I	N/A	N/A
Rumpke Waste Recycling- Columbus	MRF	Residential Materials	entire district	na	entire district	na	151.1	100% R	N/A	N/A
WM Recycling: Columbus	MRF	Commercial Materials	Franklin	na	entire district	na	128.2	100% C	N/A	N/A
Waste Management- Dayton MRF	MRF	Commercial Materials	Montgomery	na	entire district	na	159.6	100% C	N/A	N/A
Rumpke Recycling- Dayton	MRF	Commercial Materials	entire district	na	entire district	na	224.1	100% C	N/A	N/A
Rumpke Recycling- Dayton	MRF	Residential Materials	entire district	na	entire district	na	5.3	100% R	N/A	N/A
Dayton Glass Plant	processor	Commercial Materials	entire district	na	entire district	na	277.1	100% C	N/A	N/A
Rumpke Center City Recycling- Hamilton County	MRF	Commercial Materials	entire district	na	entire district	na	3,618.0	100% C	N/A	N/A

Facility/Activity Name, Address, Phone	Type of Facility or Activity ¹	Types of Materials Accepted ²	Service Area			Hours Available to Public	Recyclables Processed from the SWMD (TPY)	Processing Capacity (tons)		
			County	Townships/Cities	Population Served ³			% of Material from Sector:	Daily (TPD)	Annual (TPY)
District Special Collection Programs										
Electronics Collection Events	collection event	electronics	Pickaway, Ross, Fayette, Highland	na	entire district	Annually	16.8	100% R	N/A	N/A
Royal Oak Recycling	DO	mixed paper	Pickaway, Ross, Highland	na	entire district	24/7	475	100% R/C	N/A	N/A
District- Sponsored scrap tire collection events	collection event	tires	Pickaway, Ross, Fayette, Highland	na	entire district	Every other year	5134 tires	100% R	N/A	N/A

Source(s) of information: 2015 conducted surveys, Ohio EPA Facility reports (MRF, scrap tire, composting)

Notes:

¹SY=Scrap Yard, BR= Broker, BB= Buy Back Center, MRF = Material Recovery Facility, DO= Drop-Off, CO = Compost, DNR= Did Not Report, NA = Not available, PA = Publicly available, PUO= Private-Use Only, PR = Private Business

²AL = Aluminum Cans, PA= Paper, GL=Glass bottles and Jars, CA= Cardboard/Paperboard, ST=Steel Cans, PL= Plastic Bottles & Jars, YW = Yard Waste, FW = Food Waste

F. Existing Composting/Yard Waste Management Facilities

Table 3-6, “Composting/Yard Waste Management Activities Used by the District” provides a listing of facilities that managed yard waste, animal wastes, and food waste generated by the County. Tonnage creditable for waste reduction is 6,546 tons (Animal wastes are not creditable because they have traditionally never been disposed in a solid waste landfills.) Information in this section has been obtained from Ohio EPA’s 2015 Compost Facility Data Report.

Table 3-6: Composting/Yard Waste Management Activities Used by the District

Facility Name or Activity	Facility Type	Location	Waste Received from the SWMD		
		County	Food Waste	Yard Waste	Animal/Ag
Washington Compost Facility 1110 South Elm St Washington Court House, OH	C4R	Fayette	0	2,373	0
Fayette Co SW Compost 1580 Robinson Rd Washington Court House, OH	C4R	Fayette	0	226	0
Garick Corp Paygro Division 11000 Huntington Rd S. Charleston, OH*	C2R	Clark	667	51	58
Hauler Kroger/Walmart food waste data	na	Fayette	2,150	0	0
City of Hillsboro 1520 N High Street Hillsboro, Ohio 45133	C4R	Highland	0	0	0
Duncan Farms 10265 Old US Rt 62 Lessburg, OH	C3R	Highland	0	7	27
Hauler Kroger/Walmart food waste data	na	Highland	229	0	0
Pine Grove Regional Facility 5131 Drinkle Rd SW Amanda, OH	C4R	Fairfield	0	8	0
Pickaway Correctional Facility 11781 State Rte 762 Orient, OH	C2R	Pickaway	35	8	0
Pleasantview Farms 20361 Florence Chapel Pike Circleville, OH	C3R	Pickaway	0	260	0
Hauler Kroger/Walmart food waste data	na	Pickaway	162	0	0
Ross Correctional Facility 16149 St Rte 104 N Chillicothe, OH	C2R	Ross	37	12	0
Hauler Kroger/Walmart food waste data	na	Ross	321	0	0
		Total:	3,602	2,945	85
		Food + yard	6,546		

Source(s) of information: Ohio EPA 2015 Compost Facility Data Report

Notes:

PA - publicly available; PR - Private, DO - Drop-Off Facility; C2R - Class II Registered Compost Facility; C3R - Class III Registered Compost Facility; C4R - Class IV Registered Compost Facility

G. Facilities Used by the District which are Located Outside Ohio

The District does not track wastes sent to out-of-state facilities. Facilities identified in Table 3-7, “Facilities Used by the District which are Located Outside Ohio: Additional Data” was obtained from Ohio EPA.

Table 3-7: Facilities Used by the District Which are Located Outside Ohio: Additional Data

Facility Name	Facility Mailing	Facility Owner	Facility Operator	Daily Waste Receipt	Number of Days Facility Open/Year
Type of Facility	Address/Phone	Address/Phone	Address/Phone	Limit, (TPD)	
Republic Services Epperson Waste Disposal landfill	2360 Cynthiana Rd Williamstown, KY 41097, (859) 824-5208	Republic Services Inc. 4000 Park Central Dr. Nicholasville, KY 40356, (859) 824-3773	Republic Services Inc. 4000 Park Central Dr. Nicholasville, KY 40356, (859) 824-3773	N/A	N/A
Marysville/Mason County Landfill	7055 Clarkson-Sherman Rd. Marysville, KY 41056, (606) 759-7049	Mason County Fiscal Court 219 Stanley Reed Court Marysville, KY 41056, (606) 759-7049	Mason County Fiscal Court 219 Stanley Reed Court Marysville, KY 41056, (606) 759-7049	N/A	N/A

Source(s) of information: email correspondences from Ohio EPA

H. Existing Open Dumps and Waste Tire Dumps

Table 3-8, “Open Dumps and Waste Tire Dumps Located in the District” provides information about the open dumps and waste tire dumps in the District. The Ross and Pickaway Health Department’s provided information on open and/or waste tire dumps in the their respective counties. Both Fayette and Highland Health Department’s reported no open or tire dumps.

Table 3-8: Open Dumps and Waste Tire Dumps Located in the District

Site Location (describe briefly)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Landowner Mailing Address	County	Description of Materials Dumped	Approximate Size of Parcel (in acres)	Time Period Site known
Solid waste on property	39.656334	-83.236715	19684 Clarks Run Rd. Monroe Township, OH 43143	Pickaway	open dumping demo debris, scrap tire	unknown	1 year
Tire dump	39.510057	-82.82542	11169 Heffner Rd. Saltcreek, OH 43113	Pickaway	dumping of tires	unknown	1 year
Solid waste on property	39.550098	-82.736353	25385 Moccasin Rd. Saltcreek, OH 43113	Pickaway	open dumping of trash and solid waste	unknown	3 years
Tire dump	39.658023	-83.171996	19357 Five Points Pike Monroe, OH	Pickaway	open dumping of tires and rubbish	unknown	2 years
Cars	39.504782	-82.878361	8453 Hayesville Rd. Pickaway, OH 45644	Pickaway	junk vehicles and solid waste	unknown	3 years
Tire dump	39.506681	-82.879683	8320 Hayesville Rd. Pickaway, OH 45644	Pickaway	20-30 tires, solid waste	unknown	1 year
Solid waste on property	39.532892	-82.775738	26707 Tarlton Adelphi Rd. Saltcreek, OH 43135	Pickaway	Construction demolition debris dumped on property from building demo in Adelphi	unknown	3 years
Solid waste on property	39.803148	-83.155105	Corner of Thrid St & St Rte 762 Village of Orient, OH 43146	Pickaway	Junk yard on property	unknown	3 years

Site Location (describe briefly)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Landowner Mailing Address	County	Description of Materials Dumped	Approximate Size of Parcel (in acres)	Time Period Site known
Tire dump	39.716055	-82.973878	2420 State St Ashville, OH	Pickaway	30-40 scrap tires	unknown	1 year
Tire dump	39.572467	-82.953346	Alley between Longan St and Walnut St Circleville, OH 43113	Pickaway	20-30 scrap tires	unknown	6 months
Tire dump	39.725636	-82.952326	14140 Ashville Pike Ashville, OH 43103	Pickaway	30 scrap tires	unknown	1 month
Ross Co. ; Huntington Township north side of Reub Hill 3 miles east of Blain Highway	39.291264	-83.058202	George and Mary Berry 2784 Bishop Hill Road Chillicothe, OH 45601 614-775-6307	Ross	Full bags of garbage, solid waste scattered on hill side, tires, old shower.	2 or 3 acres	unknown
Ross Co. ; Huntington Township; east side of Easterday Road, 1/4 miles from Black Run Road	39.228469	-83.113411	Clyde and Ruth Burns 777 Easterday Road Chillicothe, OH 45601	Ross	Observed 5 or more tires and solid waste scattered on hill side.	app. 1/3 acre	5 years; active
Ross Co.; Huntington Township; west side of Mt. Zion Road, 1/4 mile north of Blain Highway	39.212117	-83.014181	Harley Moss P.O Box 1751 Chillicothe, OH 45601	Ross	Observed 10 or more tires, Solid waste scattered along hill side and roadside ditch.	app. 800 sq. ft.	>10 years
Ross Co.; Huntington Township; south side of Arrowwood Road, 1/2 mile west of Blain Highway	39.215496	-83.045784	Ada Zimmerman 4913 Blain Highway Chillicothe, OH 45601	Ross	Unable to locate any solid waste in area, multiple locked private drives.	1/4-1/2 acre	>15 years
Ross Co.; Twin Township; east side of Spargursville Road, 1/4 mile south of Potts Hill	39.235271	-83.173317	Janice Leedom 3405 Spargursville Road Bainbridge, OH 45612	Ross	Unable to locate signs of a dump sight.	Over 1 acre, large dump in ravine	>30 years; not active
Ross Co.; Twin Township; north side of Rueb Hill, 2 miles east of Blain Highway	39.311972	-83.082054	Omar Johnson, Leo Paige, Twin and Huntington Township right of ways	Ross	Sofas, solid waste along ravine and tires.	appr. 3 acres in ravine	old dump site, partially cleaned

Source(s) of information: Fayette County Health Department Report, dated August 2016
Highland County Health Department Report, dated August 2016
Pickaway County Health Department Report, dated August 2016
Ross County Health Department Report, dated August 2016

I. Ash, Foundry Sand and Slag Disposal Sites

There are no unpermitted or unlicensed foundry sand or slag disposal sites located in the District, or used by the District in the reference year. Table 3-9, "Ash, Foundry Sand, and Slag Disposal Sites Used by the District", identifies no facilities. All permitted or licensed facilities are identified in Table 3-1.

Table 3-9: Ash, Foundry Sand, and Slag Disposal Sites Used by the District

Site Location (describe briefly)	Land Owner Mailing Address/Phone	Description of Materials Dumped	Approximate Size of Site (in acres)	Time Period Site has Existed
None				

J. Map of Facilities and Sites

A map of the District showing the location of each facility and disposal site listed in 3.B through 3.H is included in **Appendix D**. The commercial businesses and industries that participate in commercial and industrial recycling programs are not shown on this map. Including all such sites would congest the map. Additional information on any of these businesses or industries is available from the District.

K. Existing Collection Systems – Haulers

Table 3-10 “Solid Waste haulers Operating in the District” lists the private haulers that service the County.

Table 3-10: Solid Waste Haulers Operating in the District

Name of Hauling Company	Mailing Address Phone Number	County	Description of Collection Routes	Types of Materials Collected	Estimated Tons Collected from the District (TPY)	Name of Facilities Used by Hauler
Public Sector Haulers						
Chillicothe City Service		Ross	Chillicothe	MSW	Unknown	
Private Sector Haulers						
Cartwright Salvage Company	839 Bogus Rd. NE Washington Ct Hs, OH 43160	Fayette	Fayette County		Unknown	
Graham Hauling	1336 N. North St. Washington, OH 43160	Fayette	Fayette County	MSW	Unknown	
M & M Recovery Services	1722 Brock Rd. Bloomingburg, OH 43106	Fayette	Fayette County	MSW	Unknown	
Pro Waste Services	8627 Cross Rd. Washington, OH 43160	Fayette	Fayette County	MSW	Unknown	
Rumpke	11775 State Route 220 E Waverly, OH 45690	Fayette	District Wide	MSW & recyclables	Unknown	
Waste Management of Ohio	1700 N Broad St. Fairborn, OH 45324	Fayette	District Wide	MSW & recyclables	Unknown	
JK Garbage Removal	PO Box 452 Circleville, OH 43113	Pickaway	Pickaway County	MSW	Unknown	
Capital Waste & Recycling Services, LLC	321 Dering Ave Columbus, OH 43207	Pickaway	Pickaway County	MSW & recyclables	Unknown	
D&D Refuse	207 E Main St Tarlton, OH 43156	Pickaway	Pickaway County	MSW	Unknown	
R & W Hauling	21820 Deercreek Rd. Mt. Sterling, OH 43143	Pickaway	Pickaway County	MSW	Unknown	

Name of Hauling Company	Mailing Address Phone Number	County	Description of Collection Routes	Types of Materials Collected	Estimated Tons Collected from the District (TPY)	Name of Facilities Used by Hauler
Loreries Refuse	203 Logan St. Circleville, OH 43113	Pickaway	Pickaway County	MSW	Unknown	
Roundtown Refuse	130 Starkley Dr. Circleville, OH 43113	Pickaway	Pickaway County	MSW	Unknown	
Floyd Redding Refuse	140 Hamilton Rd. New Holland, OH 43145	Pickaway	Pickaway County	MSW	Unknown	
Waste Management	1006 Walnut St. Canal Winchester 43110	Pickaway	District Wide	MSW & recyclables	Unknown	
Rumpke	819 Island Rd. Circleville, OH 43113	Pickaway	District Wide	MSW & recyclables	Unknown	
Community Sanitation	7953 US-62 Washington Courthouse, OH 43160	Highland	Highland County	MSW	Unknown	
Southern Ohio Waste	547 Motherwell Avenue Logan, OH 43133	Highland	Highland County	MSW	Unknown	
Tener Trash Removal	Hillsboro, OH 45133	Highland	Highland County	MSW	Unknown	
Rumpke Waste	Hillsboro, OH 45133	Highland	District Wide	MSW & recyclables	Unknown	
Waste Management Inc	Hillsboro, OH 45133	Highland	District Wide	MSW & recyclables	Unknown	
Frankfort Waste Collection	2009 Ragged Ridge Rd Frankfort, OH 45268	Highland	Highland County	MSW	Unknown	
Frankfort Waste Collection	2009 Ragged Ridge Rd Frankfort, OH 45268	Ross	Ross County	MSW	Unknown	
Rumpke Recycling/Disposal	990 Eastern Ave Chillicothe, OH 45601	Ross	District Wide	MSW & recyclables	Unknown	
Rumpke Waste	990 Eastern Ave Chillicothe, OH 45601	Ross	District Wide	MSW & recyclables	Unknown	
Waste Management Inc	675 Chamber Drive Chillicothe, OH 45601	Ross	District Wide	MSW & recyclables	Unknown	
Total						

Section 4: Reference Year Population, Waste Generation and Waste Reduction

A. Reference Year Population and Residential/Commercial Waste Generation

Table 4-1, "Reference Year Population and Residential/Commercial Generation," presents the District's population and residential/commercial waste generation for 2015. Reference year population is taken from Ohio Development Services Agency (ODSA). OSR provided estimate populations for 2015 based on the 2010 census data by governmental unit.

Note: Ohio law requires that the entire population of a municipality located in more than one solid waste management district be added to the solid waste management district containing the largest portion of the jurisdiction's population. Municipalities in the District do not have population in a neighboring District therefore adjustments were not necessary.

The District's 2015 population is 205,873 as indicated in Table 4-1.

Table 4-1 Reference Year Population and Residential/Commercial Generation

County/Community Name	2015 Population ¹		National Generation Rate ² (lbs/person/day)	District Residential/ Commercial Generation (Tons)
	Before Adjustment	After Adjustment		
Fayette County	28,679	28,679	4.40	165,316.02
Highland County	43,026	43,026		
Pickaway County	56,998	56,998		
Ross County	77,170	77,170		
RPHF	205,873	205,873		

Source(s) of information:

¹Population - Ohio Policy Research and Strategic Planning Office "2015 Population Estimates by County, City Village and Township", dated May 2013

²2013 National Generation Rate - from US EPA report "Municipal Solid Waste, Generation, Disposal and Recycling in the United States: Facts and Figures for 2013, published in June 2015.

Example calculation:

Residential/Commercial Generation: $\frac{\text{Population} \times \text{Generation Rate (lbs/person/day)} \times 365 \text{ (days/year)}}{2,000 \text{ (lbs/ton)}}$

$$165,316 \text{ tons} = \frac{205,873 \times 4.40 \times 365}{2,000}$$

Table 4-1 shows a generation of 165,316 tons using the District's population and the national per capita generation rate of 4.40 pounds/person/day. The latest national average waste generation estimates per capita published by Franklin Associates for the U.S. Environmental Protection Agency (June 2015) estimates 2013 national per capita generation rate of 4.40 pounds/person/day. Later in Section 4.H the District will compare this waste generation to other methods of calculating waste generation to determine the most accurate method of calculating a residential/commercial waste generation.

B. Industrial Waste Generation

In early 2016, the District conducted an industrial business survey to identify diversion practices in the District for year 2015 (the reference year). Ohio Council of Retail Merchants, the Ohio Chamber of Commerce, the Ohio Manufacturers' Association, and Ohio EPA collaborated and developed a statewide recycling survey, the Ohio Recycles Survey, which was made available to all solid waste districts. The survey process included developing a survey, compiling a list of industrial businesses, and distributing the survey. The District supported this collaboration by

using the Ohio Recycles Survey form. The District and the county Outreach/Education staff developed a list of 71 industries and contact emails. The District did not reach out to all 71 industries but rather focused on 41 repeat responding industries. County Outreach/Education staff reached out via phone calls and fax to these industries. Only 18 businesses responded. A copy of the survey can be found in **Appendix E**.

To minimize double counting of recyclable materials survey respondents were asked to identify who processes and/or recycles the materials. Generator totals by commodity were subtracted from the reported processor and recycler data. Survey data can be found in **Appendix F**.

Table 4-2, “Industrial Waste Generation Survey Respondents vs. Unreported”, is not included in this plan. This table reports industrial generation for those businesses responding and calculates industrial waste generation for non-responding businesses. A low survey response rate does not provide a good estimate to calculate industrial generation for non-responding businesses. In addition, most industries within the District are very small, except for a few major manufacturers. Completion of this table would provide a rough estimation of waste generation but is not very reliable. Instead of using Table 4-2 estimations, the District is using reported recycling and waste disposal data to estimate industrial generation. Reported waste generation for the industrial sector is 257,342 tons and includes 205,622 tons of recycling and 51,720 tons of waste disposal.

Table 4-2 Industrial Waste Generation Survey Respondents vs. Unreported

Standard Industrial Classification (SIC)	Survey Respondents				Amounts Based Upon Secondary Data (Unreported)				Total Industrial Waste Generated (Tons)
	# of Industries	# of Employees	Tons of Waste Generated	Generation Rate (T/employee)	# of Industries	# of Employees	Generation Rate (T/employee)	Tons of Waste Generated	
20	Omitting table								
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
Total									

C. Exempt Waste

As shown in Table 4-3, “Exempt Waste Generated in the District and Disposed in Landfills”, the District disposed of 40,131 tons of exempt waste in the reference year. Exempt waste is material such as construction and demolition debris, and non-toxic foundry sand, which is not defined as a solid waste. The amount of exempt waste generated within the District and disposed of in the landfills is taken from Ohio EPA’s Annual District Review Form for 2015. The generation rate of the exempt waste equates to 1.07 pounds per person per day. Exempt wastes may be managed in landfills that have different and often less stringent environmental control requirements.

Table 4-3 Exempt Waste Generated in the District and Disposed in Landfills

Type of Waste Stream	Generation Rate (lb/person/day)	Total Exempt Waste Generation (TPY)
Construction and Demolition Debris; asbestos; non-toxic foundry sand	1.07	40,131.00
Total	1.07	40,131.00

Source(s) of information:

Exempt waste - Table III-1

Population - Table IV-1

Generation Rate (lbs/person/day) =

$$\frac{\text{Total Exempt Waste (tons/yr)} \times 2,000 \text{ (lb/ton)}}{\text{District Population} \times 365 \text{ days/year}}$$

$$\text{District Population} \times 365 \text{ days/year}$$

Example Calculation:

$$1.05 = \frac{40,131 \times 2,000}{205,873 \times 365}$$

D. Total Waste Generation

Table 4-4, “Reference Year Total Waste Generation for the District” presents the total waste generated using national data and reported industrial data. Using these data sources waste generation is 462,789 tons and the generation rate in pounds per person per day is calculated at 12.32.

Table 4-4 Reference Year Total Waste Generation for the District

Type of Waste	(lbs/person/day)	Tons/Year
Residential/Commercial	4.40	165,316.02
Industrial	24.87	257,341.87
Exempt	1.07	40,131.00
Total Waste Generation	12.32	462,788.89

Source:

Residential/Commercial - Table 4-1

Exempt - Table 4-3

Industrial -Tons/year is waste disposal plus recycling. (51,720 tons + 205,622 tons)

Example Calculation:

Total Waste Generation (Tons/year) = Res/Com Generation (tons/year) + Industrial Generation (tons/year) + Exempt (tons/year)

Generation Rate (lbs/person/day) =

$$\frac{\text{Total Waste Generation (tons/yr)} \times 2,000 \text{ (lb/ton)}}{\text{District Population} \times 365 \text{ days/year}}$$

$$\text{District Population} \times 365 \text{ days/year}$$

$$12.32 = \frac{462,789 \times 2,000}{205,873 \times 365}$$

E. Reference Year Waste Reduction

1. Residential/Commercial Sector

The District gathers data from two sources using a variety of methods to capture data from the residential/commercial sector. The District uses the following Ohio EPA annually published data: Material Recovery Facility and Commercial Recycling Data Report, Compost Facility Report Data Report, and Scrap Tire Data Report. In addition, a survey of area recyclers, brokers, buybacks and commercial and institutional generators was performed to obtain recycling data. In the past, the District had dismal survey responses from this sector. To collect 2015 data, the District utilized Ohio EPA and the Ohio Recycles Survey. Ohio EPA compiled a list of big box stores and electronically sent the survey to 67 generators in the District. The District and the county Outreach/Education staff also developed a list of 383 generators and contact emails, but only focused on 25 businesses. After about a month the county Outreach/Education staff began contacting previous responding generators in efforts to obtain responses. A copy of the survey can be found in **Appendix E**.

Double counting occurs when the same material is reported by more than one survey respondent, typically both the generator of the material and the processor that receives the material from the generator. Material is double counted if the quantities from both respondents are credited to total recovery. In those instances, the total quantity recovered was adjusted to subtract the quantity reported by one source or the other to avoid crediting the material twice.

Recycling performed but non-creditable was also excluded. An example of non-creditable recycling is animal wastes. Animal wastes are not considered a solid waste, thus are considered “non-creditable” towards recycling.

Data was received after the 2015 Annual District Report was submitted to Ohio EPA. Data in Table 4-5 shows the submitted Annual District Report data and provides explanations for why changes are provided in this plan update.

Table 4-5 Annual District Report Data Modifications

Type of Waste Recycled	As reported on 2015 Annual District Report (TPY)	Modified data for this Plan Update (TPY)	Explanations for Modified Data
Appliances/ "White Goods"	0.30	0	
Household Hazardous Waste	2.44	2	
Used Motor Oil	65.27	65	
Electronics	31.32	32	Electronic event data 17 tons plus commercial survey data 14.54 tons.
Scrap Tires	2,219.17	2,222	Ohio EPA Scrap Tire data
Dry Cell Batteries	0	0	
Lead-Acid Batteries	861.10	908	Commercial survey data 860 tons plus additional 48 tons from Chillicothe
Food*	3,601.59	3,602	Ohio EPA Compost Report
Glass	940.16	941	Commercial business survey plus Ohio EPA MRF report
Ferrous Metals	458.15	5,167	Commercial survey data plus Ohio EPA MRF report 373 tons plus additional 4,785 from Chillicothe and steel cans 9 tons from Chillicothe
Non-Ferrous Metals	73.67	770	Commercial survey data plus Ohio EPA MRF report 65 tons plus additional 272 from Chillicothe and aluminum 433 tons from Chillicothe
Corrugated Cardboard	4,862.26	10,604	Ohio EPA MRF report 4,862 tons plus 5,742 tons from Chillicothe
All Other Paper	2,454.58	2,656	Ohio EPA MRF report 2,455 tons plus 201 tons from Chillicothe

Type of Waste Recycled	As reported on 2015 Annual District Report (TPY)	Modified data for this Plan Update (TPY)	Explanations for Modified Data
Plastics	772.16	1,042	Commercial survey data plus Ohio EPA MRF report 772 tons plus additional 270 tons from Chillicothe
Textiles	0	0	
Wood	197.85	198	
Rubber	0	0	
Commingled Recyclables	4,054.23	9,076	Drop-off plus curbside is 4,054 plus additional 5,022 from Chillicothe
Yard Waste*	2,944.63	2,945	
Other	3,331.63	430	Ohio EPA MRF report
Total	26,870.51	40,660	

Table 4-6, “Reference Year Residential/Commercial Waste Reduction in the District”, presents the District’s population and residential/commercial waste reduced for 2015. During 2015, the District’s population recycled 40,660 tons of materials.

Table 4-6 Reference Year Residential/Commercial Waste Reduction in the District

Type of Waste Source Reduced	TPY	Type of Waste Recycled	TPY	Incineration, Composting, Resource Recovery		
				Total Waste Received	Residual Landfilled	Net Waste Reduced
		Appliances/ "White Goods"	0	Incineration	Ash	Net Incineration
		Household Hazardous Waste	2			
		Used Motor Oil	65	Composting	Residuals	Net Compost
		Electronics	32	6,546	0	6,546
		Scrap Tires	2222	Resource Recovery	Ash	Net Resource Recovery
		Dry Cell Batteries	0	0	0	0
		Lead-Acid Batteries	908			
		Food*	-			
		Glass	941			
		Ferrous Metals	5167			
		Non-Ferrous Metals	770			
		Corrugated Cardboard	10604			
		All Other Paper	2656			
		Plastics	1042			
		Textiles	0			
		Wood	198			
		Rubber	0			
		Commingled Recyclables	9076			
		Yard Waste*	-			
		Other	430			
Subtotal	0		34,114			6,546
				Grand Total		40,660

Source(s) of information: 2015 Annual District Report and updated supporting data

* Food waste and yard waste included in Composting.

Figure 4-1 below depicts recyclables by commodity reported as recycled in 2015 for the residential/commercial sector. As shown the largest commodity recycled is cardboard followed by yard waste (identified as composting).

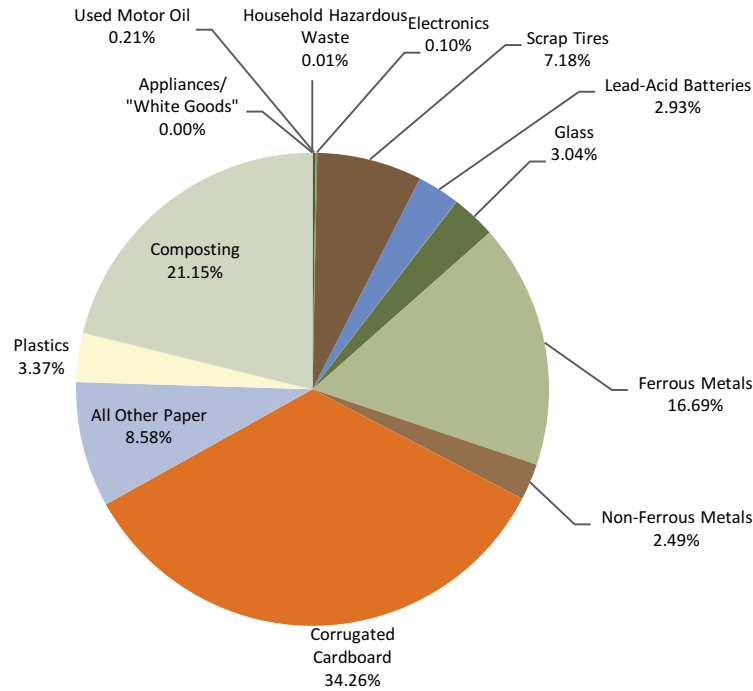


Figure 4-1 Residential/Commercial Waste Recycled in 2015

2. Industrial Sector

The industrial sector diverted 205,622 tons of materials from the waste stream in 2015, as shown in Table 4-7, "Reference Year Industrial Waste Reduction in the District". This data was gathered by District survey efforts. As shown in Table 4-7, the largest commodities recycled are sludge, wood, and paper.

Table 4-7 Reference Year Industrial Waste Reduction in the District

Type of Waste Source Reduced	TPY	Type of Waste Recycled	TPY	Incineration, Composting, Resource Recovery		
				Total Waste Received	Residual Landfilled	Net Waste Processed
		Food	0	Incineration	Ash	Net Incineration
		Glass	0	-	-	-
		Ferrous Metals	6,757			
		Non-Ferrous Metals	441	Composting	Residuals	Net Compost
		Corrugated Cardboard	4,297	0	0	0
		All Other Paper	18,538	Resource Recovery	Ash	Net Resource Recovery
		Plastics	416			
		Textiles	0			
		Wood	57,984			
		Rubber	41			
		Commingled Recyclables	3			
		Ash	0			
		Non-Excluded Foundry Sand	0			
		Flue Gas Desulfurization Waste	0			
		Other	0			
		Sludge	107,956			
		Stone	7500			
		Knots	972			

Type of Waste Source Reduced	TPY	Type of Waste Recycled	TPY	Incineration, Composting, Resource Recovery		
				Total Waste Received	Residual Landfilled	Net Waste Processed
		Lime	580			
		Non Haz Chemicals*	105			
		Electronics	31			
		Batteries	1			
Subtotal	0		205,622			0
				Grand Total		205,622

Source(s) of information: 2015 Industrial Survey

Figure 4-2 below depicts recyclables by commodity reported as recycled in 2015 for the industrial sector.

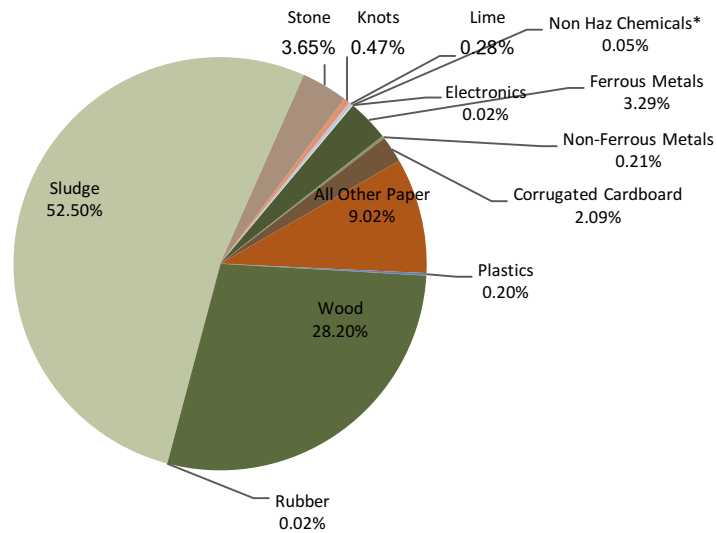


Figure 4-2 Industrial Waste Recycled in 2015

F. Existing Waste Reduction/Recycling Activities

The State Solid Waste Management Plan “establishes objectives for solid waste reduction, recycling, reuse, and minimization”. (Source: Ohio Revised Code Section 3734.50(B).) Each District’s plan must show how the District will meet the objectives set forth in the State Solid Waste Management Plan. The District’s approved 2012 Plan provided recycling strategies and programs to meet the 1995 State Plan objectives. This section contains a description of those recycling and waste reduction strategies and programs implemented in the reference year. These strategies and programs will be referred to as “existing” for this Plan Update.

Goal #1: To Provide Availability of Reduction and Recycling Opportunities for Residential and Commercial Waste

Program: South Bloomfield Curbside Recycling Collection
Entity Responsible: Village of South Bloomfield
Service Area: Village of South Bloomfield
Amount Recycled: 78.5 tons

The curbside program in Village of South Bloomfield started in 2013 and serves approximately 834 households. Curbside collection is a non-subscription based service and the Village has a municipal contract with Rumpke Waste and Recycling, for both trash and recycling services.

Recyclables are collected via a “single stream” system. Residential recycling is picked up on an every other week basis. Residents place plastic bottles and jugs, glass bottles and jars, aluminum and steel cans and lids, paperboard, cardboard, office paper, envelopes, newspapers, telephone books and catalogs, and cartons in their recycling containers. The Village provides 14-gallon bins for each single family home.

Collection of recyclable materials from the curbside program brings the Village approximately 241 pounds per household per year.

Strengths/Weaknesses of the Program

Strengths:

- One of only two communities within the District that is currently recycling at the curbside.
- Recycling at the curb is easy and convenient for residents.
- Hauler provides recycling tonnage data.
- Minimizes the need for additional drop-off sites.

Weaknesses:

- Education to inform residents about service.
- Education to inform residents about acceptable materials.
- Inconsistent messaging.
- 14-gallon bins provide limited space for recyclables. If bins fill up before the every other week collection, recyclables may be landfilled.
- Increasing participation.
- Increasing recovery at individual houses.
- Servicing only single-family homes.
- Contamination.
- Not knowing and/or not measuring participation.

Program:	Ashville Curbside Recycling Collection
Entity Responsible:	Village of Ashville
Service Area:	Village of Ashville
Amount Recycled:	78.5 tons

The curbside program in Village of Ashville started in September 2014 after the Village joined a waste consortium in order to be able to provide curbside recycling services to their residents. The village currently serves approximately 1,551 households which is non-subscription based service and the Village has a municipal contract with Local Waste Services, for both trash and recycling services.

Recyclables are collected via a “single stream” recycling system. Residential recycling is picked up weekly. Residents place paper (office paper, newspaper, folders, mail, brown paper bags, pizza boxes and cardboard boxes), plastics #1-7, aluminum cans, steel cans, in their recycling containers. The Village provides recycling carts for each single-family home.

Collection of recyclable materials from the curbside program brings the Village approximately 98 pounds per household per year.

Strengths/Weaknesses of the Program

Strengths:

- One of only two communities within the District that is currently recycling at the curbside.
- Recycling at the curb is easy and convenient for residents.
- In the Village of Ashville residents are provided carts that can hold more recyclables than bins.
- Hauler provides recycling tonnage data.
- Minimizes the need for additional drop-off sites.

Weaknesses:

- Education to inform residents about service.
- Education to inform residents about acceptable materials.
- Inconsistent messaging.
- Increasing participation.
- Increasing recovery at individual houses.
- Servicing only single-family homes.
- Contamination.
- Not knowing and/or not measuring participation.

Program:	Drop-off Recycling Collection Program
Entity Responsible:	Ross Pickaway Highland Fayette Solid Waste District
Service Area:	Entire District, 37 locations
Amount Recycled:	3,897.05 tons (cumulative of all drop-off locations in district)

In 2015, the District had 37 locations available 24/7 throughout the District where recyclables are collected via a “single stream” system. Residents place aluminum cans, paper, glass bottles and jars, cardboard/paperboard, steel cans, and plastic bottles and jugs in these recycling containers. Unmanned sites are available 24/7. The District held a contract with Rumpke to provide containers and service these sites. Containers are 8-cubic yards except two locations that have 30-cubic yard roll-offs. The number of containers and service frequency depends on the location. Drop-off site locations are subject to change at any time for unforeseen reasons or to maintain performance.

The District will continue to supply drop-off recycling opportunities to residents and businesses.

Drop-off sites are dispersed as conveniently as feasible for all residents. The highest concentration is placed in the largest towns/cities. Sites are mostly placed at high traffic businesses and public places such as store, fire stations, schools and park parking areas as determined by the district coordinator and Rumpke sales representative. Locations must facilitate the operation of the service trucks. Site locations available in 2015 are listed in the tables below.

2015 Drop-off recycling Locations, Full Service, Rural

Drop-off Location	County Location	Container Quantity and Size	Service Schedule
-------------------	-----------------	-----------------------------	------------------

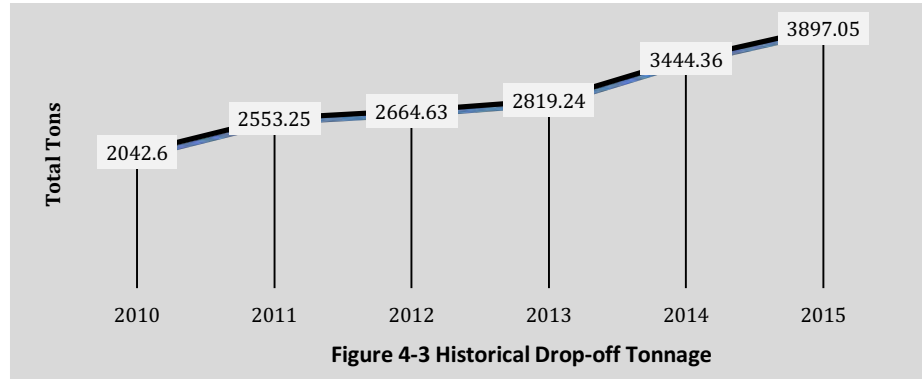
Bloomingsburg Town Hall (62 Main Street)	Fayette	2- 8 cubic yd	1x week
Jeffersonville (10 W High St – Detty's Market)	Fayette	3- 8 cubic yd	1x week
Milledgeville (850 Main St – Community Center)	Fayette	1- 8 cubic yd	1x week
Miami Trace High School (3722 State Route 41 NW)	Fayette	3- 8 cubic yd	1x week
Lynchburg (1505 US 50 & RT 134 – Terry's Grocery)	Highland	2- 8 cubic yd	1x week
Mowrystown (138 W. Main Street)	Highland	1-30 cubic yd	
New Market Township (Rt 62 & New Market Rd – Seger's)	Highland	3- 8 cubic yd	1x week
Paint Township (Truck Stop)	Highland	3- 8 cubic yd	1x week
Darbyville (SR 316 & Water Street)	Pickaway	1- 8 cubic yd	1x week
Mt Sterling (20635 Waterloo Road)	Pickaway	1-30 cubic yd	
New Holland (17 N Church St)	Pickaway	4- 8 cubic yd	1x week
Village of Williamsport (300 Ballard Ave)	Pickaway	3- 8 cubic yd	1x week
Bainbridge (103.5 West Fifth Street)	Ross	4- 8 cubic yd	biweekly
Bourneville (11521 US Route 50)	Ross	1- 8 cubic yd	1x week
Clarksburg (10823 Main St)	Ross	1- 8 cubic yd	1x week
Frankfort (94 S. Main Street)	Ross	4- 8 cubic yd	2x week

2015 Drop-off recycling Locations, Full Service, Urban

Drop-off Location	County Location	Container Quantity and Size	Service Schedule
Washington Courthouse (1600 Robinson Rd –Fayette County Transfer)	Fayette	6- 8 cubic yd	3x week
Greenfield (950 N. Washington St - Sunoco)	Highland	2- 8 cubic yd	2x week
Hillsboro (6537 Dunlap Rd - Brads)	Highland	3- 8 cubic yd	2x week
Hillsboro (11070 St Rt 56 – Mini Mart)	Highland	3- 8 cubic yd	1x week
Hillsboro (1575 North High Street - BMV)	Highland	2- 8 cubic yd	1x week
Hillsboro (CM Recycling - 131 Catherine Street – CM Recycling)	Highland	1- 8 cubic yd	1x week
Hillsboro (489 E. Main Street - Sunoco)	Highland	2- 8 cubic yd	2x week
Ashville (655 Circleville Ave – Teays Valley Middle School)	Pickaway	1- 8 cubic yd	1x week
Ashville (Lexington Park)	Pickaway	3- 8 cubic yd	2x week
Circleville (1097 US Highway 22 West – Rumpke Recycling)	Pickaway	4- 8 cubic yd	Rumpke on site
Circleville (1051 State Route 56 – Rhoads Market)	Pickaway	1- 8 cubic yd	1x week
Circleville (PICCA)	Pickaway	5- 8 cubic yd	2x week
Circleville (1410 N. Court St. – Bowling Alley)	Pickaway	8- 8 cubic yd	2x week
Commercial Point (6752 State Route 762)	Pickaway	4- 8 cubic yd	2x week
Chillicothe (990 Eastern Chillicothe - Rumpke)	Ross	Buyback center	Rumpke on site
Chillicothe (100 Mill Street - YMCA)	Ross	2- 8 cubic yd	2x week
Chillicothe (946 SR 180 Zane Trace School bus station)	Ross	5- 8 cubic yd	1x week
Chillicothe (End of Blain Highway & Huntington Schools Softball Field)	Ross	2- 8 cubic yd	biweekly
Chillicothe (212 Riverside Drive – Yoc'tangee Park)	Ross	3- 8 cubic yd	2x week
Chillicothe (1470 N Bridge St – K-mart)	Ross	3- 8 cubic yd	3x week
Chillicothe (Adena Park)	Ross	6- 8 cubic yd	2x week
Chillicothe (101 University Dr – OU Branch)	Ross		

In 2015, 3,897 tons were collected at the sites compared to the years prior, the sites collected 3,444 tons in 2014 and 2,819 in 2013. Tonnages have steadily increased over the last five years,

ranging from 5% to 20% increase each year. Increased tonnages demonstrate performance improvements.

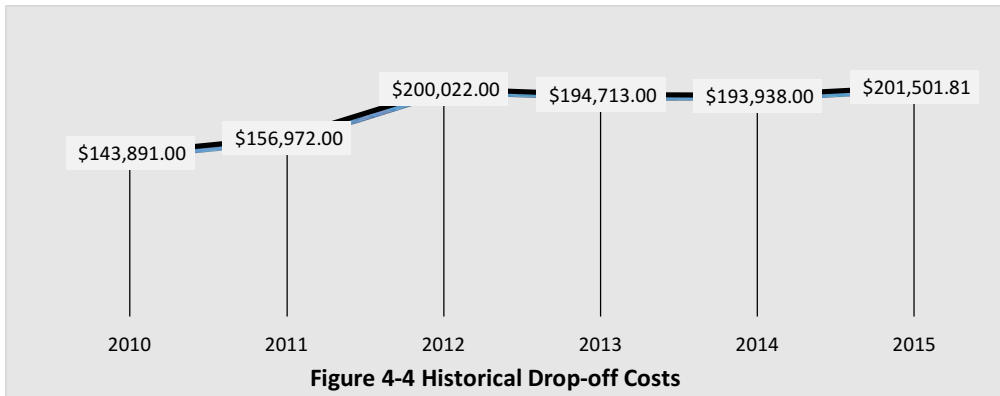


Some rural and urban sites gather a high percentage of unwanted materials and abuse; prompting trustees and site hosts to ask for removal of the drop-off containers. The District continues to take steps to eliminate these problems including personal monitoring, signs, education and media information. In 2015, the District purchased additional signage and increased site monitoring in two counties.

Drop-off site monitoring is performed in 3 counties. Site monitors check the sites for debris and cleanliness and remove any unwanted materials. The table below describes the monitoring procedures in each county.

County	Drop-off Monitoring Procedure
Ross	Ross County's Litter Collection Crew monitors 2 to 3 times a week. The crew utilizes community service hours, grant money, and county money for the program.
Pickaway	District contracts with County to provide weekly monitoring. County employees monitor during the week and Juvenile Detention Center monitors on the weekend. Contract costs in 2015 were \$500 per month.
Highland	District contracts with a local waste hauler to provide weekly monitoring. Contract costs in 2015 were \$500 per month.
Fayette	Fayette County Outreach Specialist monitors the sites.

As shown in Figure 4-4 drop-off program costs have risen. Costs shown include contract costs for container, transportation, and processing and also include advertising and site monitoring expenses.



Strengths/Weaknesses of the Program

Strengths:

- Drop-off locations provide recycling access to all residents in the District, especially in rural areas where population density is lower and curbside services cost more and/or are unavailable.
- District has flexibility to move site locations if needed.
- Containers are available 24/7.

Weaknesses:

- Site locations are not well identified by signage.
- Sites and containers are not labeled properly so public does not know who to recognize as a financial provider.
- Some site locations change frequently or are lost because of illegal dumping and misuse.
- A great deal of effort is required to keep the site hosts pacified.
- Largest expense for the District is the drop-off program.
- Annual service contract cost increases.
- Containers are available 24/7.
- Constant monitoring and evaluation of performance.
- Site monitoring costs.

Goal #2: To Reduce and/or Recycle at Least 50% of the Total Waste Stream

Program: South Bloomfield Curbside Recycling Collection– discussed under Goal #1

Program: Ashville Curbside Recycling Collection– discussed under Goal #1

Program: Drop-off Recycling Collection Program – discussed under Goal #1

Program:

Industrial Surveys

Entity Responsible:

Ross Pickaway Highland Fayette Solid Waste District

Service Area:

Entire District

Amount Recycled:

204,775 tons

As with surveying for the residential/commercial sector, a database is kept allowing for the distribution of surveys to the various industries. The District staff prepare industrial and recycler surveys which are mailed, e-mailed, faxed or conducted over the phone. To obtain 2015 data, the largest generators were contacted via phone calls. Over the years the industry response has been low which is why the District took a direct phone solicitation approach instead of a mass

mailing. Feedback was not received as to why surveys are not completed. Over the past 4 years the Districts survey form has changed each year and may play a role in the lack of response. Proprietary information could also be a factor.

For consistency and largely because of the collaboration, the District supports the Ohio Recycles Survey. The survey is a collaborative statewide recycling survey effort promoted by Ohio's solid waste management districts, the Ohio Council of Retail Merchants, the Ohio Chamber of Commerce, the Ohio Manufacturers' Association, and the Ohio Environmental Protection Agency (Ohio EPA). Businesses have the opportunity to download the Ohio Recycles Survey online.

Survey information captures the amount of waste reduction, but is also a source to compile material buyers and outlets. The District uses this information to share with others searching for an outlet for similar materials.

In order to get the waste reduction totals for the District, data was collected from the completed surveys returned by the industries. Of the industries surveyed, only 18 surveys were returned which is a 10% decrease from 2014 data survey efforts. The surveys did not request information concerning source reduction and so none is reported for the reference year. Close comparisons were made to eliminate any double counting.

Unfortunately, the District has noticed a decline in number of industries responding for several years. The industries in the District recycle primarily by separating out the materials from the waste stream and recycling them in 3 methods -- A) reusing/recycling them by placing them back in the front of the manufacturing process; B) sell to an outside buyer; and C) giving them away.

Strengths/Weaknesses of the Program

Strengths:

- Provides an outreach between the District and the industrial sector.
- Recycling activity responses help meet the state industrial recycling goal.

Weaknesses:

- Low participation rates.
- SWD time commitment.
- Lack of response.
- Survey costs.
- Errors in reported values.
- Survey forms change yearly.

Program:

Entity Responsible:
Service Area:
Amount Recycled:

Fayette County Sort Floor

Ross Pickaway Highland Fayette Solid Waste District
Fayette County
No tonnages available

The Fayette County Transfer facility, operated by the Fayette County Engineer is the only publicly owned transfer station in the District. As time allows, the facility staff manually removes recyclable materials from the delivered waste stream. At one point corrugated cardboard

accounted for the majority of material recovered. The transfer facility workers would target loads with a predominant recyclable material. On average, three to four tons would be recovered weekly. At this time only metal and wood are recovered from the tipping floor.

The economics of this process do not justify a large-scale segregation of materials according to the Fayette County Engineer. The District has considered funding Fayette County Transfer to improve the facility in a manner that would improve material recovery.

Strengths/Weaknesses of the Program

Strengths:

- Materials are being captured that would have been landfilled.

Weaknesses:

- Funding may not be available to improve facility to recover more materials.
- Process not efficient.
- Recyclable materials not manually removed are landfilled.

Program:	AbiBow LLC Fiber Collection
Entity Responsible:	Ross Pickaway Highland Fayette Solid Waste District
Service Area:	Chillicothe and Circleville
Amount Recycled:	475 tons of paper

Since April 2004, the District staff has coordinated with AbiBow LLC (formerly Abitibi Consolidated, Inc.) to place and service receptacles collecting various types of paper. This collection includes a limited amount of paperboard or corrugated cardboard because of the limited volume at each site.

In 2015, there were approximately 30 "paper retrievers" placed in Circleville and Chillicothe areas. Most locations are at public locations such as schools, churches, libraries and fire stations. Other locations such as downtown office areas are needed to aggressively recover paper fiber. Locations and room to service the containers are difficult in downtowns, but opportunities to expand are always sought. AbiBow does not find it beneficial to provide this service to the remaining areas of the District.

The program was originally operated as a fundraiser for participating entities. AbiBow provided market share revenues based on volume of material collected. This ended several years prior to 2015. Then in 2015, AbiBow abruptly ceased operations in Southwest Ohio. The District was uncertain of the impacts this would bring to the infrastructure and participating entities. While AbiBow remains present in the District, AbiBow removed some containers thereby decreasing the opportunity and service area.

Promotion of the fiber collection program is through the use of paid media advertising, the District's webpage and other opportunities as they arise. The District receives no revenue from this program. In 2015, approximately 475 tons of paper was collected from the 30 sites.

Strengths/Weaknesses of the Program

Strengths:

- Provides additional paper recycling outlets throughout the District with potential to recover more recyclable.
- Services are provided at no costs to the District.

Weaknesses:

- Does not service the entire District.
- Abibow abruptly ceased operations in other areas of the state. A reminder this could happen in the District.
- Service areas are decreasing annually.

Program:	Partner with the private sector to provide recycling
Entity Responsible:	Ross Pickaway Highland Fayette Solid Waste District
Service Area:	Entire District
Amount Recycled:	No data available

The District coordinator continues to work with the private sector recyclers to provide convenient opportunities for buy-back centers, and special collection projects. The District office works with all in-District recyclers to encourage each recycler to accept more materials from the residential waste stream and to promote the use of the private recyclers buy-back programs. In-person meetings and technical assistance are provided at a minimum to one recycler a year.

The District continues to update a list of all recyclers in the District that accept recyclable and/or waste for disposal. All residents, commercial establishments, and industries benefit by becoming more aware of the recycling opportunities that exist on the local level.

The District has seven known privately owned and operated buy-backs in operation. There have been and will be several other individuals that collect recyclables. The stability/viability of some ventures remain questionable. Currently, the main partners include Rumpke which provides free drop-off bins at their sites in Chillicothe and Circleville. In addition, the District partners with First Capital Enterprises for new office recycling programs in Pickaway and Ross Counties, as well as Sundown Tire for scrap tire collection events and illegal dumping cleanups. The District partners with Accurate IT for electronic collection events and Abitibi/Royal Oak to provide 30 paper recycling/drop-off sites which collected approximately 475 tons of paper in 2015.

Larger Buy-Back Operations:

1. Rumpke Recycling, Pickaway County (closed February 2015)
2. Rumpke Chillicothe, Ross County
3. Scioto Valley Recycling, Ross County
4. Cartwright Recycling, Fayette County
5. Waters Supply, Fayette County

Smaller Buy-Back Operations:

1. Courthouse Recycling, Fayette County
2. T & W Recycling, Fayette Co.

Strengths/Weaknesses of the Program

Strengths:

- Success is attributed to the outreach approach of building the relationship with the private sector as well as provision of information and technical support.

Weaknesses:

- SWD staff consists of two part-time employees, and thereby limits the scale of outreach.

Program:	Survey Commercial Waste Generators
Entity Responsible:	Ross Pickaway Highland Fayette Solid Waste District
Service Area:	Entire District
Amount Recycled:	5,114 tons

The District office conducted an annual survey of commercial establishments in 2016 for 2015 data. A master database has been compiled over the years and many businesses are known not to recycle. Each year the District and county Outreach/Education staff develops a list of generators and emails. Each county education person verifies contact information, finds new and closed businesses and helps secure a completed survey. To collect 2015 data, Ohio EPA electronically sent surveys to a list of big box store retailers as part of the Ohio Recycles Survey collaboration described earlier. The District followed up via phone solicitations and contacted commercial establishments from the District’s database.

A great deal of time is spent gathering surveys, but there is no requirement or incentive for businesses to complete and return. Despite many hours, only 32 commercial surveys were returned. However, these are some of the larger waste generators. It is believed that a great deal of commercial waste is being recycled but not being reported to the District. The District continues to search for methods to document recycling totals from commercial establishments.

This strategy gives the District documented totals for recycling. Also, by sending out the surveys, it helps commercial establishments to examine their own waste stream and how their costs might be reduced by recycling and reducing waste, thus reducing costs. It also serves to provide a database for commercial establishments in the four counties buyers/brokers and for technical assistance on reducing the solid waste stream.

A major weakness of the survey is that commercial establishments are not required to complete the survey and many do not. It is assumed that continuous improvement of the commercial survey and phone calls to local commercial establishments will increase the response rate.

The survey of commercial waste is of major importance to the District. The surveys provide for documented measurement of progress in recycling. It is believed that a large portion of the reduction goal for residential/commercial waste will be found in the commercial stream if a high percentage of surveys are returned.

Strengths/Weaknesses of the Program

Strengths:

- Provides data for commercial businesses that the District would instead never be able to track.

Weaknesses:

- The survey is not required so there is a large portion of commercial entities that do not provide data to the District.
- District time commitment.
- Lack of survey response.
- Why commercial establishments are not recycling is not clearly defined.
- Opportunity for more commercial sector outreach.

Goal #3: Provide informational and technical assistance on source reduction

Program: Industrial Education and Awareness– discussed under Goal #4

Program: Industrial Surveys– discussed under Goal #2

Program: Survey Commercial Waste Generations– discussed under Goal #2

Program:	Education and Awareness of Household Hazardous Waste
Entity Responsible:	Ross Pickaway Highland Fayette Solid Waste District
Service Area:	Entire District
Amount Recycled:	Data not available

The District is responsible for the education and public awareness of HHW to the residents of the four counties. Households produce hazardous wastes containing chemicals that pose environmental problems. Informing the public to these dangers and providing outlets for proper disposal or recycling has been a priority item for the District. Efforts include the District webpage and various articles and radio talk- shows covering the information about HHW. Website contains considerable information for using less toxic cleaning products. Each county Outreach/Education staff provides overviews of HHW identification and proper methods of use and disposal at presentations. However, in 2015 a record of HHW presentations and audiences reached was not maintained. Printed material remains available upon request.

Strengths/Weaknesses of the Program

Strengths:

- Informs people about alternatives for HHW and for possible dangers of products.
- Website contains considerable information for using less toxic cleaning products.
- Diverts harmful materials from the environment.

Weaknesses:

- This strategy does not reach all residents.
- Lack of data tracking and measurement.

Program:	District Website
Entity Responsible:	Ross Pickaway Highland Fayette Solid Waste District
Service Area:	Entire District
Amount Recycled:	Data not available

The District’s “old” webpage navigability was difficult and lacked the content residents needed, thus the District embarked on updating the website. September and October of 2015 was spent working through improvements and getting the site ready. A media consultant was contracted to create a fresh look, ease navigability, and include more content. Site navigation is improved and pertinent information is located on the home page. The District contracts with a web service

for maintaining the site yet has the ability for the District Administrative Assistant to make minor changes as needed.

Various information is added to the website as appropriate. The website is promoted through advertising, written material, presentations, displays and similar opportunities. The site provides method of disposal, disposal options, trash haulers, recyclers, drop-off locations and links to other sites. The information briefly describes methods of source reduction and/or recycling for residential, commercial, and industrial waste with a toll-free number, e-mail and address of the District office, information about special collection events, and lists haulers and recyclers. The information contained at the website prompts telephone calls to the District office by people who wish for more information on specific topics.

Although there is no proven way to document totals reduced in the residential stream by this communication strategy, it is assumed that the increased awareness by the public as to who, where, when and how to recycle will increase recycling totals throughout the four counties for all types of waste - residential, commercial and industrial. This strategy will also encourage source reduction in the residential, commercial, and industrial waste streams. No quantitative amounts of reduction are credited to this strategy because of the difficulty in documenting such reductions.

Focusing on changes to the website the District did not gather site visit data for 2015. It is believed that public awareness, education and contact will increase with the new website. However, some residents do not utilize the internet for information. Alternate methods of sharing information must be implemented to insure more awareness. An evaluation of the website and information it provides residents will continue into 2016.

Strengths/Weaknesses of the Program

Strengths:

- Provides residents of the District information for increased source reduction.
- The District website is a portal for communication and education and outreach to residents.
- One-stop shop for easy access of information.
- Reaches large audiences.
- Content is up-to-date.
- Contracted with web-service provides unique look and more options for platforms.

Weaknesses:

- The website must constantly be updated and have technical support which the District's part-time staffing cannot always provide.
- Some residents do not use internet for information.
- Website provides one-way communication.
- Contracted with web-service incurs cost when changes are needed.

Program:

Entity Responsible:

Service Area:

Amount Recycled:

Outreach/Education Specialists and Public Outreach

Ross Pickaway Highland Fayette Solid Waste District

Entire District

Data not available

District funds have been appropriated since 2006 to outreach and education specialists in each of the four counties. Specific duties expected of the part-time Outreach/Education Specialists in each county include: speaking to civic groups and clubs, school presentations, working with local media, developing relationships with business and industry, helping to place and monitor drop-off recycling sites, acquiring local survey information, organizing special collections and being a county specific contact for residents.

The Specialist's efforts deal with all aspects of solid waste management for residential, commercial and industrial waste. Their work is to give the RPHF SWMD a local presence. The District office requires quarterly reporting from each Specialist and holds meetings annually to provide instruction and consistency with the messages that benefit the District's purposes. Over time the reporting and meetings between the District and Specialists diminished resulting in mixed messages and performance in each of the counties. In 2015 the Outreach Specialists made 70 school/classroom presentations, conducted 2 teacher workshops, made 9 community presentations, held 3 public events, coordinated 12 volunteer cleanups and made 3 radio presentations.

Using various means of media and communication helps to keep the issues fresh in the minds of people. In 2015, newspaper and radio were used to cover special articles around earth day and America Recycles Day

Strengths/Weaknesses of the Program

Strengths:

- Dedicated staff to provide outreach/education in each county.
- Education.
- Local presence provides ability to act fast and ability to network locally.

Weaknesses:

- Unaccountability of outreach and education activities to the District.
- Little consistency of activities in each county as a united District.
- Training and fresh ideas/topics for specialists.
- Lack of social media use.
- Lack of targeted sector outreach plans and overall framework.
- Annual meetings with the Specialists may not be sufficient.
- No focus on changing behavior.

Program:	Promote the use of private recycling buy-back centers
Entity Responsible:	Ross Pickaway Highland Fayette Solid Waste District
Service Area:	Entire District
Amount Recycled:	Data not available

Program activities are the same as Partner with the private sector to provide recycling.

Program:	Cooperating agencies distribute brochures and flyers on backyard composting and yard waste management
Entity Responsible:	Ross Pickaway Highland Fayette Solid Waste District
Service Area:	Entire District

Amount Recycled: Data not available

Yard waste is a material stream where both the District and cooperating agencies (Ohio State University Extension Offices and United States Conservation District Offices) share similar missions. In each county these cooperating agencies distribute existing brochures and flyers on backyard composting and yard waste management.

The District has noticed little request regarding yard waste information. In rural areas yard waste is left on the lawn (grasscycling) or left on an area of the property for backyard composting. These practices are easy, economical, and environmentally sound. As shown in the county land use table below, all four counties are predominantly rural:

Land Use	Ross County	Pickaway County	Highland County	Fayette County
Developed, Lower Intensity	5.97%	6.58%	5.78%	5.88%
Developed, Higher Intensity	0.99%	0.85%	0.45%	0.97%
Barren	0.10%	0.04%	0.16%	0.05%
Forest	44.94%	8.57%	29.61%	4.75%
Shrub/Scrub and Grasslands	4.54%	0.28%	2.74%	0.40%
Pasture/Hay	13.22%	8.44%	17.27%	4.71%
Cultivated Crops	29.45%	73.68%	43.02%	82.95%
Wetlands	0.05%	0.24%	0.03%	0.06%
Open Water	0.75%	1.32%	0.96%	0.24%

Source: Ohio County Profiles prepared by Office of Research

Population Density	113.3	111.1	78.8	71.4
--------------------	-------	-------	------	------

Source: 2010 US Census

Strengths/Weaknesses of the Program

Strengths:

- Collaboration among agencies to promote similar missions and extend resources.
- Predominantly rural District demonstrates little need for yard waste management.

Weaknesses:

- Little coordination between the cooperating agencies and the District. Each department works independently of each other.

Goal #4: Provide informational and technical assistance on recycling, reuse, and composting opportunities.

Program: Industrial Surveys– discussed under Goal #2

Program: Education and awareness of household hazardous waste– discussed under Goal #3

Program: District Website – discussed under Goal #3

Program: Outreach/Education Specialists and Public Outreach– discussed under Goal #3

Program: Cooperating agencies distribute brochures and flyers on backyard composting and yard waste management– discussed under Goal #3

Program: Distribute List of Recycling Opportunities for Commercial Waste in District

Entity Responsible: Ross Pickaway Highland Fayette Solid Waste District

Service Area: District Wide

Amount Recycled: No tonnages available

The District staff updates a list of recyclers in the four counties. The commercial surveys help supply contacts along with solicitations and shared information. Some contacts are placed on the website, but most are kept somewhat guarded because they wish to be selective. The commercial establishments benefit by having local contacts and phone numbers of private recyclers and private recyclers benefit by obtaining new customers. The District receives a few calls annually for more information from commercial establishments and by businesses seeking material collectors or brokers. Generally, a customized list is provided when requested and contacts are added as found.

It is difficult to project an amount of materials recycled as a direct result of this strategy except by increases in the overall tonnage recycled as shown by the surveys each year. It is assumed that this strategy helps document the increase in the commercial stream as reported on the commercial surveys.

This strategy supplies recycling information directly to the business through information sharing, but there is no dependable way to measure its success and no assurance that the business establishment will take action on the information.

Strengths/Weaknesses of the Program

Strengths:

- Key recycling information is compiled and made available to commercial businesses.
- District is available upon request.

Weaknesses:

- Recycler list is updated infrequently.
- No dependable way to measure program success.
- Limited direct communication with commercial businesses.
- No follow up to inquire whether the commercial businesses seeking recyclers followed through with recycling.

Program:

Industrial Education and Awareness

Entity Responsible:

Ross Pickaway Highland Fayette Solid Waste District

Service Area:

District Wide

Amount Recycled:

No tonnages available

The industries in the District recycle primarily by separating out the materials from the waste stream and recycling them by three methods: including reusing/recycling them by placing them back in the front of the manufacturing process; sell to an outside buyer; and/or giving materials away.

Strengths/Weaknesses of the Program

Strengths:

- The District is available to assist the industrial sector and annually conducts recycling surveys.

Weaknesses:

- Very little assistance is provided to the industrial sector partly due to a lack of a formal education/outreach plan and the desire indicated by the industries.
- Industrial sector tends to generate specialized waste streams presenting challenges to assistance the SWD could provide.

Program: **Promote Curbside Recycling**
Entity Responsible: Ross Pickaway Highland Fayette Solid Waste District
Service Area: Entire County
Amount Recycled: n/a

Two curbside programs in the RPHF District, Village of Ashville and Village of South Bloomfield began in 2014 and 2013, respectively. The District staff offers technical assistance to political jurisdictions to encourage curbside recycling. Technical assistance includes education, in-person meetings, presentations, etc. Phone calls, meetings, and outreach include discussions around costs, policies, practices, collection, etc. Outreach and technical assistance promoting curbside recycling requires time and discussions. The District works to tailor assistance specific to each community. A target of reaching 2 jurisdictions a year through in-person meetings is set.

Strengths/Weaknesses of the Program

Strengths:

- In person meetings.
- Technical assistance providing education and then bringing all interested parties to the table.

Weaknesses:

- Political jurisdictions are not always responsive.
- Political jurisdictions want to retain autonomy as well as protect the small hauler.

Program: **Encourage the private sector to offer scrap tire services**
Entity Responsible: Ross Pickaway Highland Fayette Solid Waste District
Service Area: Entire District
Amount Recycled: No data available

To date, there are three operational tire collection facilities in the District. Liberty Tire, Sundown Tire and Rumpke Recycling in Ross County accept waste tires. Most tires are received at Liberty Tire, monofilled at Pike Sanitation Landfill or Rumpke's shredder. The District will continue to encourage the private sector to offer such services while seeking more convenient disposal opportunities for residents. It has been difficult to encourage the offering of these services because of the complicated permitting, registration or liability issues involved.

The District recovers information from the businesses listed above generally gathering a high disposal documentation. All totals will be documented by information on surveys or reports on special events.

Strengths/Weaknesses of the Program

Strengths:

- Additional outlet opportunities for a scrap tires.
- Support and technical assistance offered by District.

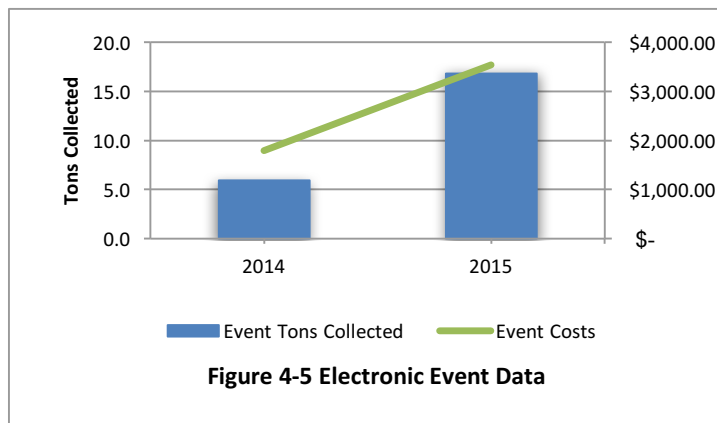
Weaknesses:

- Private recycler permitting and liability issues.

Goal #5: Develop strategies for managing scrap tires and household hazardous waste

Program: **Electronics Collection Events**
Entity Responsible: Ross Pickaway Highland Fayette Solid Waste District
Service Area: District Wide
Amount Recycled: 16.78 tons

Electronics contain hazardous materials that can pose health and environmental risks after disposal. The preferred method of handling is donation for working electronics and recycling for non-working electronics. The District maintains a list of retailer take-back, secondhand retailers, and scrap yard outlets where residents may take electronics. In addition, the District provided collection events every other year in each of the four counties. The District contracts with a third party to collect and process electronics for recycling. The intent is to provide this opportunity until the private sector takes over this role. Residential household electronics are accepted however there are restrictions on CRTs and TVs. Special collection events accepting CRTs and TVs charge a nominal fee.



Increasing trends of materials collected demonstrate a need for electronics collection in this part of Ohio. There is a particular absence of outlets for CRT and TV disposal. The District recognizes e-waste is a growing material stream and wants to be of assistance in diverting these materials from the landfill. The major obstacle is costs. The

District is continually looking for options to help residents properly manage this material. Partnerships and collaborations are areas to explore.

As seen in the table below, in 2015, CRT's were the most collected material at the county collection events.

Electronics	Ross County	Pickaway County	Highland County	Fayette County
Bearing	3,699 lbs	1,559 lbs		499 lbs
Misc. Electronics	7,222 lbs	2,147 lbs		1,041 lbs
LCD	1,287 lbs	270 lbs		230 lbs
CRT	11,750 lbs	1,673 lbs		1,222 lbs
Total Pounds	23,928 lbs	5,649 lbs	1,000 lbs	2,992 lbs
Number of TVs	102			16

To disseminate information to residents an informational e-waste flyer is available on the website.

Strengths/Weaknesses of the Program

Strengths:

- Provides an outlet to properly recycle and dispose electronic waste that can be harmful for the landfill.
- Resource list is maintained for hard-to-recycle materials.
- Keeps materials off road ways and out of drop-off containers.

Weaknesses:

- Very few outlets available for materials.
- Rising costs to offer collection events.
- Challenges with coordinating collection events across 4 counties.
- District collection events are offered once every other year.
- Some material restrictions.

Program:	Private Electronics Recycling Businesses in Ross County
Entity Responsible:	Ross Pickaway Highland Fayette Solid Waste District
Service Area:	Ross County
Amount Recycled:	No tonnages available

Ross County currently has private businesses such as Goodwill, CHS TV & Audio and Best Buy that accepts most electronics and televisions. The District maintains a list of outlets that accept electronic waste on the website. Each location varies as to the type of electronic waste accepted and user fees charged (if applicable).

Strengths/Weaknesses of the Program

Strengths:

- Retailer take-back programs or businesses accepting electronic waste provide convenient year-round opportunities for properly managing this stream.
- The District does not pay for electronics managed through private recycling businesses.
- Provides anytime information so residents can find out where to take their materials.

Weaknesses:

- Very few outlets available for materials.
- User fees may be a deterrent for using private businesses.

Program:	Promotion of HHW collection in Pickaway County
Entity Responsible:	Ross Pickaway Highland Fayette Solid Waste District
Service Area:	District Wide
Amount Recycled:	No tonnages available

Collaboratively work with an industry in Pickaway County that sponsors a household hazardous collection event every three years. Although the office has requests for collection events in other counties, the funding has not been available for such large cost events. In 2010, Environmental Enterprises estimated a per car cost to be at least \$41/car.

A collection day for HHW gives local residents a better way to dispose of common household hazardous waste. The weakness of a collection day is the high cost of serving a few participants.

Disposal of household quantities of most forms of HHW in landfills is legal as long as the waste is not in liquid form.

There was one collection day in 2015 hosted in Pickaway County for Pickaway County residents. Approximately 2.4 tons of materials were collected costing a total of \$12,284.55 or \$2.51 per pound. The greatest material by weight collected was aerosols followed by pesticides.

Strengths/Weaknesses of the Program

Strengths:

- When funding is available to host a HHW collection harmful materials are diverted from the landfill.
- Residents are not charged user fees for the service.
- Contractor services are competitively bid.
- Contractor provides data.

Weaknesses:

- Cost to District to hold an HHW event.
- Infrequent collection events.
- Number of car/participants is not tracked.

Program:

Yard Waste Programs

Entity Responsible:

Ross Pickaway Highland Fayette Solid Waste District

Service Area:

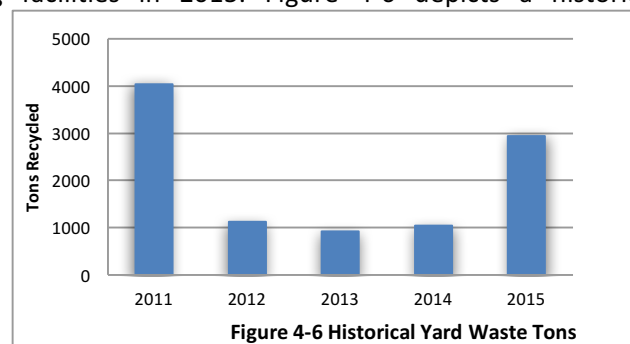
Entire District

Amount Recycled:

2,945 tons

The District does not fund or operate yard waste management collection or facilities. Haulers in the District do not offer curbside separate yard waste collection hauling. 2,945 tons of yard waste was reported from composting facilities in 2015. Figure 4-6 depicts a historical comparison of the tonnages over the last few years.

Historically compost represents about 20 percent of the total recyclables. Most households do not remove grass clippings and leaves from yards because of the rural settings and it is acceptable not to collect them. Several composting operations closed over the years. A reality of the economy is less yard waste collection programming is offered by municipalities.



Additionally, the District likes to believe that many years of education has helped increase more backyard composting and waste reduction. There is little concern that additional programming is needed in order to enhance reducing the landfilling of yard waste. The closing of facilities and the fact that no private hauler offers segregated collection suggest there is not adequate demand.

The District provides yard waste outlets and promotes seasonal outlet opportunities and education on the website, such as the Christmas Tree composting offered to City of Circleville residents. Yard waste is a material stream where both the District and the Soil and Water Conservation District share similar missions. Collaborating with such partnerships for composting education and outreach to residents could be explored.

Strengths/Weaknesses of the Program

Strengths:

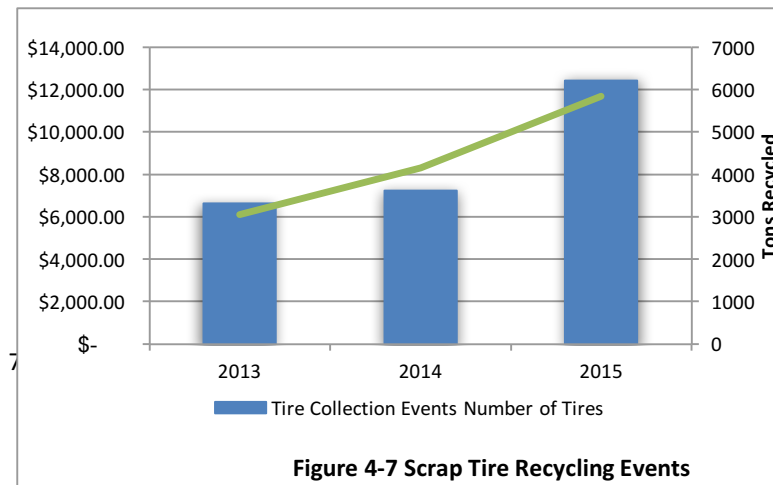
Managing tree branches, pruning from shrubs, and garden waste are managed on site by composting or casting aside to decay.

Weaknesses:

- Tracking of data is not consistent across the district, and some facilities do not report their annual tonnage.

Program:	District sponsored scrap tire collection events
Entity Responsible:	Ross Pickaway Highland Fayette Solid Waste District
Service Area:	Entire District
Amount Recycled:	6,217 tires

Many of the events in past years have been subsidized by grant funds. These collections have been met with mixed success. Variables to the success include the amount of paid advertising, charges to participants, weather conditions and locations. The District’s philosophy remains that the public as a whole should not bear the expense that benefits a small percentage of the population unwilling to pay for normal tire disposal fee. However, it is believed that such events may help minimize illegal dumping along the District's roadsides.



Outlets available for scrap tires include retailer take-back and collections.

Figure 4-7 demonstrates a rise in tires collected annually as well as increased costs. Cost per tire to recycle is steady at about \$2.00/tire.

When there is a tire collection event, information is posted on the District’s website. Paid advertising is

purchased, and flyers and outreach materials are developed by the Outreach/Education Specialist to promote events. Success is measured by either the number of tires delivered to the events or the decreasing number of tires delivered to the events depending upon viewpoint, as well as the number of participants.

In general, opportunities or a need for a tire collection event will develop based on the District’s budget but also the public desire for these events.

Strengths/Weaknesses of the Program

Strengths:

- Helps minimize illegal dumping.

Weaknesses:

- Costs for events are increasing.
- Tires collected at events are increasing.
- Promotion of other available opportunities is not being utilized.
- Lack of enforcement.

Program:

Tire dump cleanup

Entity Responsible:

Ross Pickaway Highland Fayette Solid Waste District

Service Area:

Entire District

Amount Recycled:

No data available

In 2015, at least one cleanup was held in Ross County by Consensual Tire. This event cleaned up 418 Passenger Tire Equivalents. Ross County maintains a litter collection program that picks up singles to loads of tires dumped along roadways, in state parks and places accessible by the public.

The number and frequency of illegal dumping has decreased. Some of the dumps listed in the previous plan update have been cleaned or buried. Occasional debris or roadside litter was not considered an open dump. The District partners with Ohio EPA utilizing the "Consensual Scrap Tire Removal" Program. Thousands of tires have been collected through this program. New dumpsites will be recorded and appropriate actions taken to mitigate.

Strengths/Weaknesses of the Program

Strengths:

- Process to clean up dump sites.

Weaknesses:

- No enforcement for illegal dumpers.

G. Total Waste Generation: Historical Trends of Disposal Plus Waste Reduction

Calculating waste generation based upon national averages and industrial survey results can differ from waste generation based on actual reported quantities (as reported by solid waste facilities, recycling facilities, and recycling brokers).

When performing waste generation calculations based upon national averages and industrial survey results the following potential factors for variance were noted. Residential/commercial national averages are good for "ball-park" estimates; therefore, when available, local resources should be used in solid waste planning. There are various factors that affect the local waste stream (laws, practices, commercial activity, etc.); thus, caution should be used if national averages are used instead of local data.

Table 4-7 “Total Waste Generation Based upon Disposal plus Waste Reduction” reports the waste reduced, recycled, composted, land applied, incinerated, and landfilled from Ohio EPA’s data records (as voluntarily reported by businesses to Ohio EPA), and business surveys conducted to obtain 2015 data. Potential discrepancies or errors in actual reported data could have resulted from reporting errors on surveys, non-response from surveyed entities, or mischaracterization of the type of waste at solid waste facilities.

Table 4-7 Total Waste Generation Based Upon Disposal Plus Waste Reduction

Year	Management Method Used (TPY)				
	Source Reduction & Recycling	Yard Waste Composting	Incineration	Landfill Disposal	Total Waste Generation (Tons)
2007	259,714	4,813	0	257,500	522,027
2008	304,295	3,595	0	227,778	535,668
2009	277,255	3,851	0	217,573	498,679
2010	318,435	4,005	0	211,860	534,300
2011	272,991	4,597	0	213,757	491,345
2012	246,146	2,455	0	230,341	478,943
2013	270,860	5,402	0	230,944	507,206
2014	299,620	5,256	0	227,720	532,596
2015	239,736	6,546	0	235,831	482,113

Source(s) of information: 2008 through 2015 ADR Reports
 Yard Waste & Composting is included in the total amount of Recycling by the district in ADRs

Figure 4-8 below shows the historical trends of waste recycling, disposal, and generation.

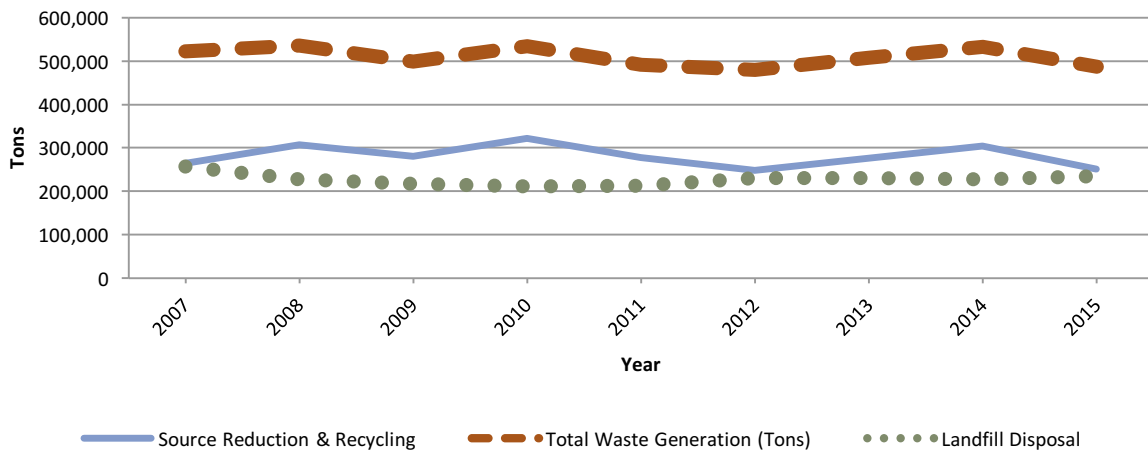


Figure 4-8 Historical Waste Reduction, Disposal and Generation

As shown in Figure 4-8, based on historical trends, the calculated method in Section 4.G shows a more accurate calculation of total waste generation.

H. Reconciliation of Waste Generation

Figure 4-8 compares the District’s total waste generation to neighboring solid waste management districts. Ross Pickaway Highland Fayette has the third highest generation rate. The residents and businesses of the District generate a large amount of waste for a rural district.

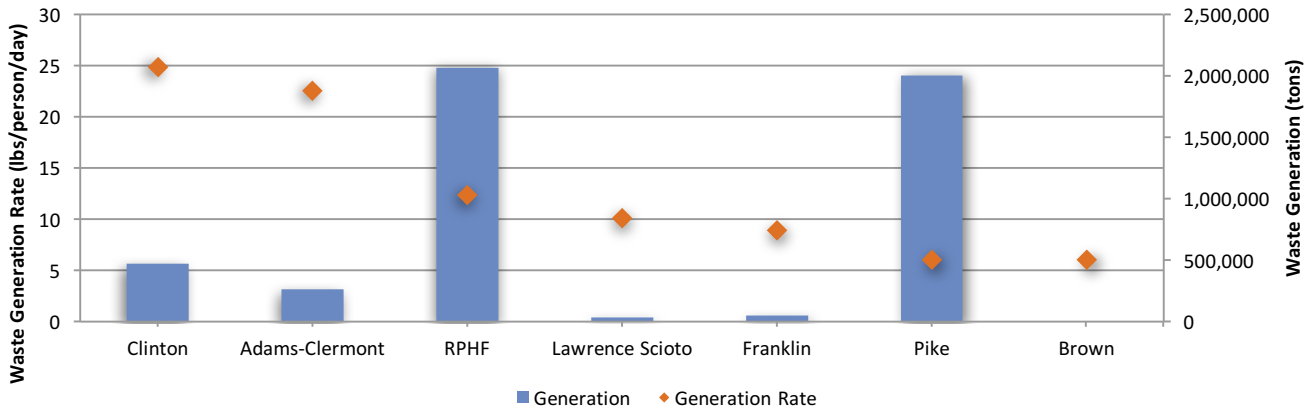


Figure 4-8 District Total Waste Generation Compared to other SWMDs

Separately exploring residential/commercial generation among the same solid waste management districts, Figure 4-9, shows the District and neighboring rural counties with lower residential/commercial waste generation rates. This demonstrates the industrial waste generation rates contribute significantly to the total waste generation rates, specifically the large amount of industrial recycling.

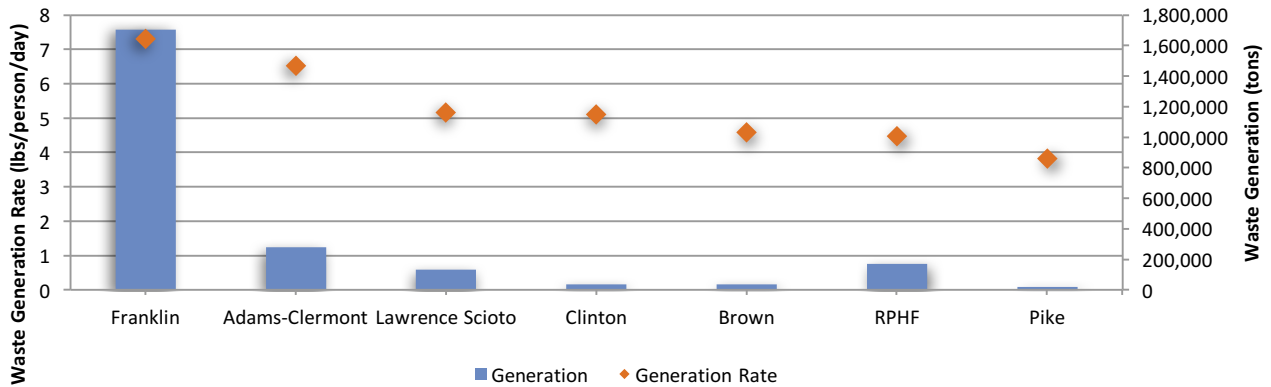


Figure 4-9 District Residential/Commercial Waste Generation Compared to other SWMDs

Total waste generation is calculated in Section 4.D and Section 4.G using different methodologies. The determination must be made as to which calculated method for waste generation is more accurate for the District.

The waste generation estimates provided in Table 4-8 “Adjusted Reference Year Total Waste Generation for the District” will be used throughout the remainder of the plan, to predict waste composition, to make projections for each year of the planning period, and to determine management capacity processing needs.

Table 4-8 Adjusted Reference Year Total Waste Generation for the District

Type of Waste	Generation Rate lbs/person/day	Tons/Year
Residential/Commercial	4.91	184,640
Industrial	6.85	257,342
Exempt	1.07	40,131
Total Waste Generation	12.83	482,113

Sources:

Exempt Generation Rate: Table 4-3

Residential/Commercial Tons/year: Tons/year waste reported by the landfills (Table 3-1) + Recycling (Table 4-5);

Industrial Waste: Tons/year reported by the landfills (Table 3-1) + Recycling (Table 4-6)

Example Calculations (R/C):

Tons/Year = Tons Disposed + Tons Recycled

$$190,051 \text{ (tons/year)} = 143,980 \text{ (tons/year)} + 46,071 \text{ (tons/year)}$$

Generation Rate (lbs/person/day) =

$$4.91 = \frac{\text{Total Waste (tons/yr)} \times 2,000 \text{ (lb/ton)}}{(\text{District Population}) \times 365 \text{ days/year}}$$

$$4.91 = \frac{184,640 \times 2,000}{205,873 \times 365}$$

I. Waste Composition

1. Residential/Commercial Sectors

The District estimated the residential/commercial sector waste stream composition in Table 4-9, “Estimated Residential/Commercial Waste Stream Composition for the District for the Reference Year” using the national waste composition averages provided by U.S. EPA’s “Municipal Solid Waste Generation, Recycling, and Disposal in the United States Tables and Figures for 2012” published in February 2014. The total waste generation (from Table 4-8) was multiplied by the estimated percentage of the waste stream for each commodity (from U.S. EPA).

Table 4-9 Estimated Residential/Commercial Waste Stream Composition for the District for the Reference Year

Waste Stream Material	Percentage of the Waste Stream	Tons
Cardboard	11.8%	21,788
Newspaper	3.3%	6,093
Office Papers	3.0%	5,539
Other Paper	6.6%	12,186
Glass	4.6%	8,493
Ferrous Metals	8.4%	15,510
Aluminum	3.4%	6,278
Non-Ferrous Metals	2.8%	5,170
Lead-acid Batteries	1.2%	2,216
Plastics	12.7%	23,449
Rubber	0.0%	0
Scrap Tires	1.9%	3,508
Textiles	0.0%	0
Wood	6.3%	11,632
Other	4.8%	8,863
Food Scraps	14.1%	26,034
Yard Trimmings	13.5%	24,926
Misc. Organic Wastes	1.6%	2,954
Totals	100.0%	184,640

Notes:

Electronics are considered durable goods and have been included in this waste composition table under ferrous and non-ferrous categories.

Source:

Percentages from U.S. EPA "Municipal Solid Waste Generation, Recycling, and Disposal in the United States Tables and Figures for 2012" published February 2014

The largest component of the residential/commercial waste stream is projected to be food scraps followed by a close second in yard trimmings. These two waste stream materials account for approximately 27.6% of the waste stream. Third is plastic at 12.7% and fourth is cardboard at 11.8%.

2. Industrial Sector

Obtaining information on the industrial waste composition is difficult. Surveys are probably the best mechanism to obtain information. Unfortunately, the industrial survey for this Plan Update only received 18 responses out of 41 industrial businesses that were reached out to. Using the processor and recycler/broker survey responses the District estimated the industrial waste composition.

To estimate industrial waste composition Appendix JJ of the *Format* provides an estimated waste generation by type of waste stream. This estimate was then added to the recycling survey data because in some waste stream types reports of recycling were higher than generation. A ratio of total estimated to total reported was used to determine tonnages per material. The estimated industrial waste composition is shown in Table 4-10 “Estimated Waste Composition for the Reference Year” and Figure 4-7.

Table 4-10 Estimated Industrial Waste Composition for the Reference Year in the District

Waste Stream Type	Appendix JJ TPY	Recycled from Survey Data TPY	Adjusted Total TPY
Aluminum	10,332.53		9,070.48
Ash	4,898.64	-	4,300.30
Batteries	-	1.10	0.97
Cardboard	9,615.24	4,297.00	12,212.95
Fabric/Textiles	606.85	-	532.73
Food Waste	2,211.32	-	1,941.22
Glass	958.15	-	841.12
Ferrous	12,095.60	6,756.50	16,549.44
Non-Ferrous	838.36	441.49	1,123.53
Non-Haz Chemicals	276.00	104.50	334.02
Paper	8,846.41	18,538.00	24,039.60
Plastics	4,119.07	416.00	3,981.15
Rubber	1,713.41	41.00	1,540.12
Stone/Clay/Sand	5,821.94	7,500.00	11,694.76
Sludge	8,864.31	107,956.00	102,551.52
Wood	2,607.36	57,984.00	53,190.54
Other	15,307.07	-	13,437.42
Subtotal	89,112	204,035.59	
Grand Total			257,341.87

Source(s) of information:

Waste generation for each type of waste and SIC number may be found in *Format*.

Recycling for each type of waste is from survey responses located in Appendix F.

Sample Calculation:

$10,332$ (tons of aluminum) = $10,332$ (tons of aluminum from *Format* Generated) + 0 (tons from surveys)

$(10,332 / (89,112)) * 257,342 = 9,070.48$ tons

Section 5: Planning Period Projections and Strategies

This section focuses upon projections of solid waste generation in the District including residential, commercial, industrial, and some special categories of waste and the waste reduction strategies that will be implemented by the District to manage the solid waste generation.

A. Planning Period

The District is writing a 15-year plan. The planning period begins in year 2018 and extends through year-end 2033.

B. Population Projections

The District’s population projections are presented in Table 5-1, “District Population Projections”. The population estimate from Section 4 for the 2015 reference year is 205,873.

Table 5-1 District Population Projections

Year	Fayette	Highland	Pickaway	Ross	Total District Population
2015	28,679	43,026	56,998	77,170	205,873
2016	28,622	42,940	57,226	77,016	205,803
2017	28,564	42,854	57,455	76,862	205,735
2018	28,507	42,768	57,685	76,708	205,668
2019	28,450	42,683	57,915	76,554	205,603
2020	28,393	42,597	58,147	76,401	205,539
2021	28,337	42,512	58,380	76,249	205,477
2022	28,280	42,427	58,613	76,096	205,416
2023	28,223	42,342	58,848	75,944	205,357
2024	28,167	42,258	59,083	75,792	205,300
2025	28,111	42,173	59,319	75,640	205,244
2026	28,054	42,089	59,557	75,489	205,189
2027	27,998	42,005	59,795	75,338	205,136
2028	27,942	41,921	60,034	75,187	205,084
2029	27,886	41,837	60,274	75,037	205,034
2030	27,831	41,753	60,515	74,887	204,986
2031	27,775	41,670	60,757	74,737	204,939
2032	27,719	41,586	61,000	74,588	204,894
2033	27,664	41,503	61,244	74,439	204,850

Source:

Reference Year 2015 Population from Table 4-1.

Average Annual Rate of Change sourced from Ohio Development Services Agency “2015 Population Estimates: Cities, Villages and Townships by County”

Sample Calculation:

Year 2016 population = year 2015 population x incremental change per year

$$28,679 \times 0.998 = 28,622$$

Projections of population through the planning period are based on the average annual rate of change from 2010 for each political jurisdiction. The average annual rate of change was taken from Ohio Development Services Agency “2015 Population Estimates: Cities,

Villages and Townships by County.”

Over the fifteen-year planning period, population figures are expected to decrease 0.4 percent, however, ODSA projects variability individually for each county. Population decline is expected each year of the planning period in Fayette County, Highland County and Ross County. Pickaway County populations are expected to show continued growth through the planning period. Population projections gauge future demand for services, but in projection calculations there are room for errors because of the difficulty associated with forecasting. As projected by ODSA, population is expected to increase. However, when compared to historical population growth, the projected growth is decreasing.

Contributing factors of population growth: household income, educational attainment levels, people per household, and economic activity affects waste generation rates. Economic activity and population growth affect household income and household income impacts per capita waste generation; and higher income households tend to produce higher amounts of waste. However, higher income households tend to achieve higher recycling participation rates. These complex factors impact waste generation and dynamically occur over time.

Population over time has had little impact on District programs, largely in part to the design of the programs. Most of the Districts programs are self-sufficient and self-supporting operated almost exclusively by private hauler companies.

C. Waste Generation Projections

1. Residential/Commercial Sector

Waste generation is calculated by adding the quantities of waste disposed and quantities recycled. Quantities resulting from the disposal and recycling represent waste generation for the District. Population is relatively consistent when compared to total generation.

As shown in Figure 5-1, “Historical Trends in Residential/Commercial Waste Generation” the waste generation rate typically holds at roughly 5 pounds per person per day. The generation rate dipped in 2010 and peaked in 2013. Year 2013 showed higher reports of recycling and waste disposal.

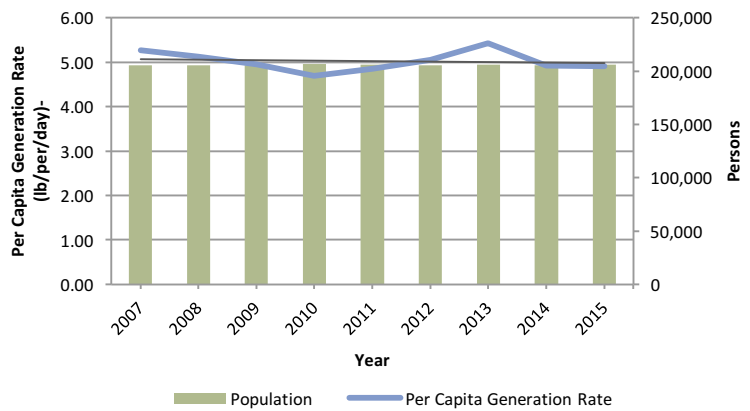
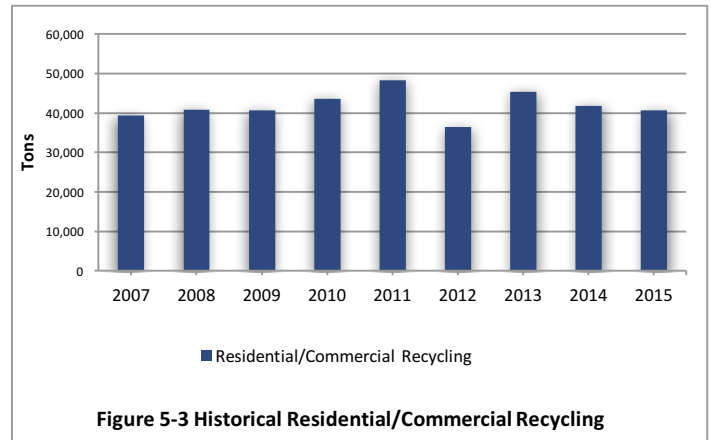
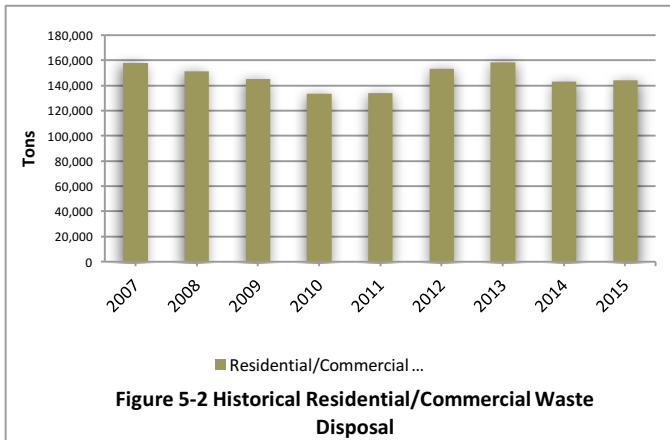


Figure 5-1 Historical Trends in Residential/Commercial Waste Generation

Historically waste disposal tonnages demonstrate a pattern of fall and rise averaging 145,000



tons over the nine years. The changes in waste disposal are mostly attributable to reporting fluctuations at Pike Sanitation Landfill. From 2007 to 2010, reports of District waste disposed at Pike Sanitation Landfill decreased. Beginning in 2012 waste reported increased sharply by 25,000 tons and has been consistent over the past three years.

Except for the sharp decline in 2012, recycling tonnages demonstrate a level of consistency averaging approximately 41,900 tons historically.

Taking into account the historical residential/commercial waste generation rate, projections for the planning period are expected to be flat. Reference year waste generation rate, 4.91 pounds per person per day increases 0.5 percent annually to 5.06 pounds per person per day. Generation rate is held constant at 5.06 pounds per person per day beginning in 2021 through the planning period as shown in Table 5-2, "District Residential/Commercial Waste Generation (TPY)".

Table 5-2 District Residential/Commercial Waste Generation (TPY)

Year	District Population	Per Capita Generation Rate (lb/person/day)	Total Residential/Commercial Generation (TPY)
2015	205,873	4.91	184,640
2016	205,803	4.94	185,501
2017	205,735	4.96	186,366
2018	205,668	4.99	187,238
2019	205,603	5.01	188,114
2020	205,539	5.04	188,996
2021	205,477	5.06	189,884
2022	205,416	5.06	189,827
2023	205,357	5.06	189,773
2024	205,300	5.06	189,720
2025	205,244	5.06	189,668
2026	205,189	5.06	189,617
2027	205,136	5.06	189,568
2028	205,084	5.06	189,521
2029	205,034	5.06	189,474
2030	204,986	5.06	189,430
2031	204,939	5.06	189,386
2032	204,894	5.06	189,345

Year	District Population	Per Capita Generation Rate (lb/person/day)	Total Residential/Commercial Generation (TPY)
2033	204,850	5.06	189,304

Notes:

Per Capita Generation Rate as shown above is rounded to the nearest hundredths. For generation calculations the per capita generation rate was rounded to the nearest ten-thousandths.

Source:

Per Capita Generation Rate from Table IV-8. 2015- 2021 are adjusted to correspond to the Ohio EPA Revised Per Capita Generation Rate Increases at one half percent.

Sample Calculation:

Total Residential/Commercial Generation (TPY) =

$$\begin{aligned}
 & \frac{\text{District Population (persons)} \times \text{Per Capita Generation Rate (lb/person/day)} \times 365 \text{ (days/year)}}{2000 \text{ lb/ton}} \\
 184,640 \text{ TPY} = & \frac{205,873 \text{ persons} \times 4.91 \text{ lb/person/day} \times 365 \text{ days}}{2000 \text{ lb/ton}}
 \end{aligned}$$

2. Industrial Sector

Recycling and waste disposal data were added together to determine industrial waste generation for the reference year. In order to estimate waste generations through the planning period, the Ohio Department of Job and Family Services, Bureau of Labor Market Information (BLMI) research was consulted.

BLMI updates employment projections every two years for use in long-range economic and employment trends. As indicated in “2022 Ohio Job Outlook”, annual manufacturing employment is projected to decline through 2022, a total of 3.2 percent. Pickaway County is part of the Central Ohio – Economic Development Region, Fayette County is part of the Western Ohio, and Ross and Highland County are part of Southeast Ohio. Both the Central and Southeast regional economic development regions predict increases in manufacturing employment. Averaging the increases with the decline predicted for the West economic development region calculates a yearly employment increase of 0.4 percent. This average employment increase was applied to the waste generation for the planning period. Thus a slight growth in industrial manufacturing is projected as presented in Table 5-3, “Projected Industrial Waste Generation”.

Table 5-3 Projected Industrial Waste Generation (in tons per year)

NAICS Category	Year																		
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
14	9,425	10,180	10,221	10,262	10,303	10,344	10,386	10,427	10,469	10,511	10,553	10,595	10,637	10,680	10,723	10,766	10,809	10,852	10,895
23	147	159	159	160	160	161	162	162	163	164	164	165	166	166	167	168	168	169	170
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	14,887	16,079	16,144	16,208	16,273	16,338	16,403	16,469	16,535	16,601	16,667	16,734	16,801	16,868	16,936	17,003	17,071	17,140	17,208
32	216,669	234,026	234,962	235,902	236,846	237,793	238,744	239,699	240,658	241,621	242,587	243,557	244,532	245,510	246,492	247,478	248,468	249,462	250,459
33	6,804	7,349	7,378	7,408	7,437	7,467	7,497	7,527	7,557	7,587	7,618	7,648	7,679	7,709	7,740	7,771	7,802	7,833	7,865
33	918	992	996	1,000	1,004	1,008	1,012	1,016	1,020	1,024	1,028	1,032	1,036	1,040	1,045	1,049	1,053	1,057	1,061
34	54	59	59	59	59	60	60	60	60	61	61	61	61	62	62	62	62	63	63
37	8,001	8,641	8,676	8,711	8,746	8,781	8,816	8,851	8,886	8,922	8,958	8,993	9,029	9,066	9,102	9,138	9,175	9,211	9,248
39	23	25	25	25	26	26	26	26	26	26	26	26	26	26	27	27	27	27	27
42	411	444	446	448	450	451	453	455	457	459	460	462	464	466	468	470	472	473	475
51	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	257,342	277,957	279,069	280,185	281,306	282,431	283,561	284,695	285,834	286,977	288,125	289,278	290,435	291,596	292,763	293,934	295,110	296,290	297,475

Annual Percent Change in Industry Employment Sector 2015-2022

	2015	2016	2017	2018	2019	2020	2021	2022	Average
Central	0.28%	0.28%	0.28%	0.28%	0.28%	0.28%	0.28%	0.28%	0.28%
West	-0.15%	-0.15%	-0.15%	-0.15%	-0.15%	-0.15%	-0.15%	-0.15%	-0.15%
Southeast	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%
									0.40%

Notes:

Industrial Generation by SIC Code for 2015 from Table IV-2 is adjusted to correspond to total industrial waste on Table 4-8
 Change in industrial generation in years 2017 - 2033 is calculated based on the annual average change in employment for the manufacturing industries for the period 2015 - 2022.
 2015 and 2016 is actual data.

Source:

Source Document: The Ohio Department of Job and Family Services (ODJFS), Bureau of Labor Market Information (BLMI) 2012-2022 Ohio Job Outlook

Sample Calculation:

Total industrial waste x Percent NAICS Code for year 2015 = NAICS waste generated in estimated year

257,342 (Total industrial waste generated) x 0.03% = 9,425 (NAICS Code 14 for year 2015)

(Total industrial waste x Percent average annual percent change in industry employment) + Total industrial waste = Total waste generated in estimated year

277,957 (Total industrial waste) x 0.40% + 277,957 (Total industrial waste) = 278,707 (Total waste generated in estimated year)

3. Total Waste Generation

Total waste generation projections during the planning period are presented in Table 5-4, “Total Waste Generation for the District during the Planning Period (in TPY)”.

Table 5-4 Total Waste Generation for the District During the Planning Period (TPY)

Year	Residential/ Commercial	Industrial	Exempt	Total Waste Generation	Generation Rate (lbs/person/day)
2015	184,640	257,342	40,131	482,113	12.83
2016	185,501	277,957	40,131	503,589	13.41
2017	186,366	279,069	40,131	505,566	13.47
2018	187,238	280,185	40,131	507,554	13.52
2019	188,114	281,306	40,131	509,551	13.58
2020	188,996	282,431	40,131	511,558	13.64
2021	189,884	283,561	40,131	513,575	13.70
2022	189,827	284,695	40,131	514,653	13.73
2023	189,773	285,834	40,131	515,738	13.76
2024	189,720	286,977	40,131	516,828	13.79
2025	189,668	288,125	40,131	517,924	13.83
2026	189,617	289,278	40,131	519,026	13.86
2027	189,568	290,435	40,131	520,134	13.89
2028	189,521	291,596	40,131	521,248	13.93
2029	189,474	292,763	40,131	522,368	13.96
2030	189,430	293,934	40,131	523,495	13.99
2031	189,386	295,110	40,131	524,627	14.03
2032	189,345	296,290	40,131	525,766	14.06
2033	189,304	297,475	40,131	526,910	14.09

Source:

Residential/Commercial Waste from Table 5-2

Industrial Waste from Table 5-3

Exempt Waste for 2015 from Table 4-8. Exempt Waste is projected to remain at the same levels as 2015 for each year of planning period.

Sample Calculation:

Total Waste Generation = Residential/Commercial + Industrial + Exempt

$$\text{Generation Rate (lb/person/day)} = \frac{\text{Total Waste Generated (tons)} \times 2,000 \text{ pounds/ton}}{\text{Population} \times 365 \text{ days/year}}$$

D. Projections for Waste Stream Composition

The relative composition of the waste stream is not expected to change significantly over the planning period, therefore no projections are provided.

E. Waste Reduction and Recycling Strategies through the Planning Period

A SWMD must have programs and services to achieve reduction and recycling goals established in the state solid waste management plan. A SWMD also ensures that there are programs and services available to meet local needs. The SWMD may directly provide some of these programs and services, may rely on private companies and non-profit organizations to provide programs and services, and may act as an intermediary between the entity providing the program or service and the party receiving the program or service.

Between achieving the goals of the state plan and meeting local needs, the SWMD needs to ensure that a wide variety of stakeholders have access to reduction and recycling programs. These stakeholders include residents, businesses, institutions, schools, and community leaders. These programs and services collectively represent the SWMD’s strategy for advancing waste reduction and recycling in its member counties.

This section discusses the waste reduction strategies that will be used throughout the planning period. Even though the 2009 State Plan was adopted, solid waste management districts are not required to follow the changes to the goals until a new plan format is adopted; however, the District will be required to meet the 2009 State Plan goal in its next plan update, which would be the 2025 Plan Update. This plan meets the 1995 State Plan goals. A brief listing of the state plan goals from the 1995, 2001, and 2009 State Plan goals are presented below:

1995 State Plan Goals	2001 State Plan Goals	2009 State Plan Goals
#1 = Access	#1 = Access	#1 = Infrastructure
#2 = Waste Reduction & Recycling Rates	#2 = Waste Reduction & Recycling Rates	#2 = Waste Reduction & Recycling Rates
#3 = Informational and Technical Assistance on Source Reduction	#3 = Source Reduction	#3 = Outreach & Education – minimum required programs
#4 = Informational and Technical Assistance on Recycling and Reuse	#4 = Technical and Informational Assistance	#4 = Outreach & Education – outreach and marketing plan
#5 = Restricted Wastes and HHW	#5 = Restricted Wastes and HHW	#5 = Restricted Solid Wastes, HHW & Electronics
#6 = Reporting	#6 = Economic Incentives	#6 = Economic Incentives
#7 = Market Development Strategy (optional)	#7 = Market Development	#7 = Measure Greenhouse Gas Reduction
	#8 = Reporting	#8 = Market Development
		#9 = Reporting

The following shows the full slate of programming that the District will implement throughout the planning period.

Program/Strategy	2001 State Plan Goals							
	#1	#2	#3	#4	#5	#6	#7	#8
South Bloomfield Curbside Recycling	✓	✓						
Asheville Curbside Recycling	✓	✓						
Chillicothe Curbside Recycling	✓	✓						
Drop-off Recycling Collection	✓	✓						
Industrial Surveys		✓						
Commercial Surveys		✓						
Fayette County Sort Floor		✓						
AbiBow LLC Fiber Collection		✓						
Partner with private sector to provide recycling		✓						
Event Recycling		✓	✓	✓				
District Website and Social Media		✓	✓	✓				
Education and Awareness of Household Hazardous Waste				✓	✓			
Outreach/Education Specialists				✓				
Organic Management Partnerships			✓	✓	✓			
Commercial/Industrial Assistance				✓				
Promote Curbside Recycling				✓				
Reuse Network				✓	✓			
Promote Product Stewardship and Retailer Take-Back				✓				
Electronics Collection					✓			
HHW Collection					✓			
Yard Waste Programs					✓			
Scrap Tire Collection					✓			
Tire Dump Cleanup					✓			
Recycling Incentive Mini Grant						✓		✓
Enforcement Strategy				✓				✓
Health Department								
County Revolving Fund								
Number of Programs/Strategies Per Goal	4	10	3	10	7	1	0	0

The District has implemented a number of programs to manage solid waste through the years. While, these programs have built a great foundation the District sees additional opportunities for expanded programming and more service options. To garner Policy Committee feedback on existing program options and services, a survey was conducted during the plan update process. Survey questions and results are summarized in **Appendix G**.

The changes included in this plan are designed to move the District forward with continued success. In order to continue growth and check on program performance this plan update is adding measurement elements to programming. As these programs are implemented the District will look to regional approaches and potential partnerships because collaborations can help expand opportunities and improve performances. Programming is also structured to provide assistance, help start-up, increase recycling and manage difficult waste streams.

Goal #1: To Provide Availability of Reduction and Recycling Opportunities for Residential and Commercial Waste

Program: South Bloomfield Curbside Recycling

Future Changes: Collection transitioned to weekly collection in 2016 and added recycling carts.

Program: Ashville Curbside Recycling

Future Changes: None.

Program: Chillicothe Curbside Recycling

Future Changes: Chillicothe prepared a grant, with District assistance, requesting startup funds from Ohio EPA and the District’s mini-grant program for a curbside recycling program in the City. The City was awarded a community development grant to purchase carts and a truck to provide recycling service through the city’s sanitation department. The City has begun the process of stakeholder meetings to organize this program. Decisions to make include: type of trucks, carts, collection frequency, processor, roll-out date, education etc. Discussions are leaning towards a rear load semi-automatic truck, service availability to all owner-occupied single-family homes (approx. 9,000 households), single stream, bi-weekly collection, and tentative launch first quarter in 2018.

Throughout program development the District is attending meetings and providing technical assistance as needed. The District is encouraging the city to apply for the Recycling Incentive Grant to help with implementation and education/outreach. The Recycling Partnership has much campaign resources that will benefit outreach for the city. The District will use these resources and the Outreach Specialist for Ross County to help provide campaign information.

Program: Drop-off Recycling Collection

The District will continue to supply drop-off recycling opportunities to residents and businesses. The District holds a contract with a private business to provide containers and service these sites. Containers are 8-cubic yards except four locations that have 30-cubic yard roll-offs. The number of containers and service frequency depends on the location. Drop-off site locations are subject to change at any time for unforeseen reasons or to maintain performance and access rates. In 2016, the District lost 5 drop-off sites but gained 9 new sites. In 2016, the District had 46 locations and 114 containers available.

Site locations expected to be available in in 2018 (year 1 of the planning period) are listed in the tables below.

2018 Drop-off recycling Locations, Full Service, Rural

Drop-off Location	County Location	Container Quantity and Size	Service Schedule
Bloomingsburg Town Hall (62 Main Street)	Fayette	2- 8 cubic yd	1x week
Jeffersonville (10 W High St – Detty’s Market)	Fayette	4- 8 cubic yd	1x week
Milledgeville (850 Main St – Community Center)	Fayette	1- 8 cubic yd	1x week
Miami Trace High School (3722 State Route 41 NW)	Fayette	3- 8 cubic yd	1x week
Lynchburg (1505 US 50 & RT 134 – Terry’s Grocery)	Highland	2- 8 cubic yd	1x week
Village of Lynchburg (Main Street RT 134)	Highland	2- 8 cubic yd	1x week
Mowrystown (138 W. Main Street)	Highland	1-30 cubic yd	
New Market Township (Rt 62 & New Market Rd –	Highland	3- 8 cubic yd	1x week

Drop-off Location	County Location	Container Quantity and Size	Service Schedule
Seger's)			
Paint Township Building (12470 US 50)	Highland	2- 8 cubic yd	2x week
Paint Township (Truck Stop) REMOVED in 2016	Highland	2-8 cubic yd	2x week
Leesburg (116 S Fairfield St)	Highland	3- 8 cubic yd	1x week
Darbyville (SR 316 & Water Street)	Pickaway	1- 8 cubic yd	biweekly
Mt Sterling (20635 Waterloo Road)	Pickaway	1-30 cubic yd	
New Holland (17 N Church St)	Pickaway	4- 8 cubic yd	1x week
Williamsport (300 Ballard Ave) REMOVED IN 2016	Pickaway	3-8 cubic yd	1x week
Kingston (13190 State Route 56 – Salt Creek Intermediate School)	Pickaway	1-30 cubic yd	
Bainbridge (103.5 West Fifth Street)	Ross	3- 8 cubic yd	1x week
Bourneville (11521 US Route 50)	Ross	1- 8 cubic yd	1x week
Clarksburg (10823 Main St)	Ross	1- 8 cubic yd	1x week
Frankfort (94 S. Main Street)	Ross	4- 8 cubic yd	2x week
Adelphi (11759 Market Street)	Ross	1-30 cubic yd	
Richmond Dale (757 Jackson St)	Ross	1- 8 cubic yd	1x week

2018 Drop-off recycling Locations, Full Service, Urban

Drop-off Location	County Location	Container Quantity and Size	Service Schedule
Washington Courthouse (1600 Robinson Rd – Fayette County Transfer)	Fayette	7- 8 cubic yd	3x week
Washington Courthouse (412 Rose Ave – Heritage Food Pantry)	Fayette	3- 8 cubic yd	1x week
Washington Courthouse (2100 Columbus Blvd – Family Home Center)	Fayette	2- 8 cubic yd	1x week
Washington Courthouse (Good Lutheran Church)	Fayette	2- 8 cubic yd	1x week
Greenfield (950 N. Washington St - Sunoco)	Highland	2- 8 cubic yd	2x week
Hillsboro (6537 Dunlap Rd – Brads) REMOVED IN 2016	Highland	3-8 cubic yd	2x week
Hillsboro (11070 St Rt 56 – Mini Mart)	Highland	2- 8 cubic yd	2x week
Hillsboro (1575 North High Street - BMV)	Highland	2- 8 cubic yd	1x week
Hillsboro (CM Recycling - 131 Catherine Street)	Highland	1- 8 cubic yd	2x week
Hillsboro (489 E. Main Street - Sunoco)	Highland	2- 8 cubic yd	2x week
Hillsboro (39 Wilkesville Pike – Board of Education)	Highland	3- 8 cubic yd	1x week
Ashville (655 Circleville Ave – Teays Valley Middle School)	Pickaway	1- 8 cubic yd	1x week
Ashville (Lexington Park) – REMOVED IN 2016	Pickaway	3-8 cubic yd	2x week
Circleville (Snap Fitness)	Pickaway	3- 8 cubic yd	2x week
Circleville (Ohio Christian University)	Pickaway	1- 8 cubic yd	1x week
Circleville (1097 US Highway 22 West – Rumpke Recycling)	Pickaway	4- 8 cubic yd	Rumpke on site
Circleville (1051 State Route 56 – Rhoads Market)	Pickaway	1- 8 cubic yd	1x week
Circleville (PICCA)	Pickaway	5- 8 cubic yd	2x week
Circleville (110 Island Road – Pickaway County Services)	Pickaway	2- 8 cubic yd	1x week
Circleville (1410 N. Court St. – Bowling Alley) REMOVED IN 2016	Pickaway	8-8 cubic yd	2x week
Circleville (141 W. Main St – County Annex Building)	Pickaway	1- 8 cubic yd	1x week
Commercial Point (6752 State Route 762)	Pickaway	4- 8 cubic yd	2x week
Chillicothe (990 Eastern Chillicothe - Rumpke)	Ross	Buyback center	Rumpke on site
Chillicothe (100 Mill Street) REMOVED IN 2016	Ross	2-8 cubic yd	2x week
Chillicothe (946 SR 180 Zane Trace School bus station)	Ross	6- 8 cubic yd	1x week

Drop-off Location	County Location	Container Quantity and Size	Service Schedule
Chillicothe (End of Blain Highway & Huntington Schools Softball Field)	Ross	2- 8 cubic yd	biweekly
Chillicothe (212 Riverside Drive – Yoc'tangee Park)	Ross	3- 8 cubic yd	2x week
Chillicothe (1470 N Bridge St – K-mart)	Ross	4- 8 cubic yd	3x week
Chillicothe (Adena Park)	Ross	6- 8 cubic yd	3x week
Chillicothe (101 University Drive – OU Branch)	Ross	2- 8 cubic yd	2x week
Chillicothe (550 Buckeye Street – North Library)	Ross	1- 8 cubic yd	1x week

Container Labeling: In 2016, the District added stickers to the drop-off containers to identify RPHF SWD as the provider/contact.

Contamination: Unwanted, illegally dumped materials at drop-off recycling sites increased in 2016. All 4 county's implement different monitor procedures and may or may not track site location contamination. The procedures and reports for each of the county's is provided in the table below.

County	Drop-off Monitoring Procedure	2016 Reported Contamination
Ross	Ross County's Litter Collection Crew monitors 2 to 3 times a week. The crew utilizes community service hours, grant money, and county money for the program.	5,551 Bags 47 Tires 96 Furniture 113 Appliances 40 Televisions 65 Carpet 21 Couches 36 Chairs 62 Mattresses
Pickaway	District contracts with County to provide weekly monitoring. Contract costs in 2015 were \$500 per month. County employees monitor during the week and Juvenile Detention Center monitors on the weekend. No contract costs for the Juvenile Detention Center monitoring. District staff is working to implement documenting procedures for 2017.	Not tracked.
Highland	District contracts with a local waste hauler to provide weekly monitoring. Contract costs in 2015 were \$500 per month.	Not tracked.
Fayette	District staff is working to implement monitoring and documenting procedures for 2017.	Not tracked.

Most of the unwanted, illegal dumped materials were reported from the urban site locations. To develop best programs for site location dumping the District researched best practices from other solid waste districts. Best practices identified include:

- Paid site monitors
- Collaborative Health Department and Law Enforcement programs
- Site location improvements (signs, cameras, lights, barriers/fences, etc.)
- Curbside bulky waste trash removal programs
- Hard to recycle material programs (electronics, appliances, scrap tires, etc.)

Goals for this plan update to specifically address drop-off container site contamination includes:

1. Stakeholder engagement with political jurisdictions to include bulky waste trash removal programs.

2. Expanding District special event messaging.
3. Improving drop-off site locations by adding signage, cameras, etc.
4. Stakeholder engagement to discuss county monitoring procedures and movement towards similar programs in all 4 counties.
5. Engagement with Health Departments and Law Enforcement to develop an enforcement program for illegally dumped materials.

Contract services increase at every bid cycle. In 2017, the contract will go out for bid and it is assumed the cost for services will increase. Drop-off recycling is the largest expenditure accounting for 50 percent of spending. Avenues for reducing the operational costs of the program will continue to be explored. All options are open and may include District-serviced and provided programming. A full cost accounting analysis will be conducted of a District-serviced program if drop-off bid costs exceed expenses planned (as presented in Section 8) and/or the bid costs will impact the District's ability to provide other programming planned. Upon completion of the analysis, the Policy Committee and Board of Directors may implement a District-serviced drop-off program. If this occurs, upfront capital costs may require debt.

Goal #2: To Reduce and/or Recycle at Least 50% of the Total Waste Stream

Program: South Bloomfield Curbside Recycling – discussed under Goal #1

Program: Ashville Curbside Recycling – discussed under Goal #1

Program: Chillicothe Curbside Recycling – discussed under Goal #1

Program: Drop-off Recycling Collection – discussed under Goal #1

Program: Industrial Surveys

Future Changes: Continue to increase relationships with industrial sector contacts/facilities to improve return on annual surveys. In 2017, Outreach specialists expanded their procedures by encouraging the County Commissioners to provide letters requesting survey data to businesses. As discussed in the Commercial/Industrial Assistance program, the District will host annual meetings with Environmental, Health and Safety Managers.

Program: Commercial Surveys (previously called Survey Commercial Waste Generators)

Future Changes: Continue to work to increase relationships with commercial sector contacts/facilities to improve return on annual surveys. In 2017, Outreach specialists expanded their procedures by encouraging the County Commissioners to provide letters requesting survey data to businesses. As a result survey responses increased over 67%.

Program: Fayette County Sort Floor

Future Changes: Assess effectiveness of program and work with Fayette County Engineers Office to improve or expand if feasible.

Program: AbiBow LLC Fiber Collection

Future Changes: None.

Program: Partner with the private sector to provide recycling

Future Changes: District will maintain a list of recyclers and continue to work with private sector haulers. District will target buyback operations to contact about reporting only creditable

materials. Contact includes initial phone calls, site visits, and general discussion regarding tracking and reporting of materials. A record of buybacks reached will be recorded.

Program: Event Recycling

This plan update identified minimal recycling opportunities at away from home places. The District is targeting to work with and implement 1 away from home diversion opportunity a year. One of the first targeted away from home opportunities is the Pumpkin Show. The District is seeking grant funding to purchase portable collection containers to collect recycling beverage bottles and cans from attendees. The District collaborated with the City of Circleville specifically for recycling containers for the Pumpkin Show. Containers will be property of the Pumpkin Show but will be made available to the District for use at other community events. Having the containers for use allows the District to approach other organizers of community events in hopes of implementing recycling programs for attendees. The District can technically assist in providing best management recycling plan and refer private haulers who have the capacity to set up recycling collection stations and remove recyclables for short-term events and programs. If funding is available, the SWMD can potentially assist recycling services in terms of grant funding for service cost, recycling signage, and advising on suitable set up.

Outreach will be to community event organizers and will include in-person meetings.

Goal #3: Provide informational and technical assistance on source reduction

Program: District Website and Social Media

The District maintains a website at www.rphfsolidwastedistrict.com. The homepage is updated in a timely manner to reflect recycling services and current seasonal programs in the District. The webpage provides an inventory of the infrastructure and serves as a comprehensive resource guide. Organizationally the website dedicates pages for each county in the District detailing resource information. Information provided includes drop-off site info, commercial recyclers, special collections, and tire outlets. In 2016, the website received 7,440 visitors of which 75 percent were returning visitors and 25 percent were new visitors.

Through the planning period the website will expand to include: education and outreach for residents, businesses, and other target audiences; food waste hierarchy; HHW resource information; Ohio Materials Marketplace links; and curbside recycling communities.

Facebook is used to post community events. During collection events the SWMD attempts to make weekly posts. The account has 100+ likes.

The District will use several social media platforms for residential education and customizes the message and media depending on the program and education need. Incorporating additional media platforms and resources will develop additional two-way communication and foster sustainable behavior. Specific goals for achieving success with social media are: posting frequently to meet audience needs, post useful, fun and interesting ideas or topics or questions (about 80% of the time), and post promotions (about 20% of the time). Postings will cover local District recycling, reuse and reduction events, list resources, and will also include state and national recycling topics.

In general much of the education and awareness for programming has been county focused rather than District focused. To improve upon District awareness and encourage diversion and program participation the district will embark on communications, outreach and advertising methods (website visibility and promotion, utility bill inserts, newspapers, brochures, etc.) The District will become the hub for diversion information used in the county's in all areas of waste management, recycling, waste reduction, composting, yard waste management, market development, scrap tires, electronics, household hazardous waste and other solid waste issues. Best practices include education campaigns that are simple and engaging with regular consistent messaging across multimedia platforms. Investments will be made in expanded communication programs to target groups to ensure diversion efforts succeed (and can include promotional items). All education will use a common suite of materials and messaging.

Goal #4: Provide informational and technical assistance on recycling, reuse, and composting opportunities.

Program: District Website – discussed under Goal #3

Program: Education and Awareness of Household Hazardous Waste

Future Changes: In 2016, District website expanded education to include less toxic alternative cleaning product guidance. The District is planning to add a dedicated HHW resource page, which will include education to prevent paint waste, disposing of latex paint, and what to do with unwanted medicines. The resource page will also provide an inventory of any local (including neighboring counties) business/facilities accepting HHW and used motor oil.

Program: Outreach/Education Specialists and Public Outreach

Outreach/Education Specialists activities for 2016 include:

Outreach Activity	Ross County	Pickaway County	Highland County	Fayette County
school/classroom presentations	36 reaching 819 students/educators	DNR	DNR	DNR
teacher workshops	DNR	DNR	DNR	DNR
community presentations	11	DNR	DNR	1
public events	DNR	3	DNR	DNR
radio presentations	DNR	DNR	DNR	DNR
litter cleanup	10 roadside cleanup projects	DNR	Assisted Clay Township in removing tires. Cleaned up public lands throughout the County.	DNR

The District uses several media platforms for education:

- Presentations
- In-person contact at high attendance community events
- Flyers for program promotions

In preparing this plan update the Policy Committee completed a strategic process of evaluating its outreach and education program. The process began with planning. The current outreach and education system was compared against three alternative systems that represent tradeoffs and priorities based on values. The scenarios were evaluated by engaging the Policy Committee

and Board using surveys and an open discussion meeting. The preferred scenario is a scenario that will move the District toward meeting Ohio EPA 2009 State Plan education goals and achieve a foundation for continual growth.

The preferred scenario involves restructuring as follows:

County	Ross County	Highland County	Fayette County	Pickaway County
Staff	Part-time Outreach and education Specialist. District agreement of \$20,000 per year with each Board of County Commissioners.			Full-time District Assistant Coordinator will spend part-time as Pickaway County outreach and education specialist. District employs full-time employee.
Structure	Work from County offices with County support structure (i.e. phone, computer, copier, county budget/financial processing).			Work from District offices with District support structure (i.e. phone, computer, copier)
Reporting	Participate in 4 outreach and education meetings at District offices. Participate in 2 outreach and education conference calls. Track activities and engagements and measure progress. Provide monthly timesheet and activity report to County Commissioners and District.			Participate in 4 outreach and education meetings at District offices. Participate in 2 outreach and education conference calls. Track activities and engagements and measure progress. Provide monthly timesheet and activity report to District.
Responsibilities	Conduct outreach and education activities. Plan and implement, in conjunction with District staff, at least two special collection events such as tires & electronics. Oversee county's drop-off recycling program: assure cleanliness, coordinate with contractor on issues, work with site hosts, and find new drop-off site locations, if needed. Assist District in conducting annual business recycling survey.			

Note: Restructuring planned for year 2018.

Through the strategic evaluation, one of the frequent comments was the need for consistent programming and consistent messaging in all four counties. To address this gap a framework will be developed by the District to include:

- Special collection flyers advertising all 4 county special collection events.
- “What to Recycle” District drop-off flyer with clear and concise messaging on recyclables accepted.
- District E-Newsletter – Develop an annual newsletter to highlight District achievements. Post on website and social media.
- Program Promotions – Utilize social media, direct mail with utility bill inserts, and community newsletters to advertise District programs and services.

In addition, to the restructuring and consistent messaging the Policy Committee identified other opportunities in outreach and education programming. The opportunities identified here were discussed and identified as brainstorm items that could be addressed by the District.

- Opportunities to generate more visitors to the website including social media and other avenues.
- Opportunities to provide technical assistance to schools to implement recycling programming.
- Opportunities to provide technical assistance to businesses that is impactful and will demonstrate measurable results.
- Opportunities for District consistent and up-to-date messaging.
- Opportunities to deliver message to multiple audiences via direct mail (utility bill inserts, print and digital advertising, press releases, community announcements.)

- Opportunity to improve resident perception and favorability for costs associated with curbside recycling. Residents often have inaccurate facts on true costs of recycling and hauler business.
- Opportunities for regional partnerships to expand messaging about recycling.
- Opportunities for behavior changing outreach.
- Opportunities to provide tours of transfer facility and other regional facilities.
- Opportunities to provide presentations to youth and adult groups.
- Opportunities to partner with other government and business entities to promote waste reduction, recycling, and sustainable lifestyle choices.
- Opportunities to educate residents about acceptable materials for drop-off recycling containers.
- Opportunities to promote countywide non-subscription curbside recycling to help meet Access goal.

This brainstorming list helped the District identify targeted activities for this plan update. The outreach and education specialists will commit to working on the short and long term opportunities identified in this table.

Target Audience	Outreach/Education Activity	Goal Timeframe
Residential Sector	Monthly post on social media to expand messaging on waste reduction, recycling topics, composting topics, etc.	Short-term
	Attend community events to increase one-on-one contact within the county.	Short-term
	Assist community events in respective counties to develop recycling plans.	Short-term
	Write at least 1 article a year for publication in local newspapers.	Short-term
	Partner with cooperating agencies such as 4-H, OSU extension, SWC to expand messaging	Mid-term
Commercial/Institutional Sector	Assist local businesses to be recognized by Ohio EPA's Encouraging Environmental Excellence (E3) Program.	Short-term
Industrial Sector	Assist local businesses to be recognized by Ohio EPA's Encouraging Environmental Excellence (E3) Program.	Short-term
Schools	Develop a contest for elementary schools such as calendar art, reuse art, etc.	Mid-term
	Develop teacher workshops	Mid to long-term

Note: Goal timeframe: Short-term defined as 1-2 years; mid-term defined as 3-5 years; long-term defined as 5+ years.

Program: Promote the use of private recycling buy-back centers

Future Changes: Aspects of this program are incorporated into other programs. This program name will not continue into the planning period.

Program: Organic Management Partnerships (previous program name Cooperating agencies distribute brochures and flyers on backyard composting and yard waste management)

Future Changes: The District will continue to rely on cooperating agencies distribution of existing brochures and flyers on backyard composting and yard waste management.

Costs to develop infrastructure to process food waste composting in-district is a responsibility the District is not able to address at this time. The District will continue to support infrastructure development by providing education when requested. The District will utilize existing education resources to promote food waste reduction through source-reduction efforts and behavior change. A food waste content page will be added to the District website to depict the Food Waste Hierarchy and link to US EPA's Food Recovery Challenge.

The District has a few large institutions that could possibly benefit from in-vessel composting for managing food waste. Both the Pickaway Correctional Facility and Ross Correctional Facility compost food waste using in-vessel composters. These two facilities demonstrate food waste landfill diversion programs implementable at other correctional facilities or hospitals. Possible target opportunities in the District are 4 hospitals and 3 other state correctional facilities. District staff will work with these institutions over the planning period to explore this type of on-site management of food waste by conducting meetings, gathering technical data, seeking grant funds, etc.

Program: Commercial/Industrial Assistance (previous program name Distribute List of Recycling Opportunities for Commercial Waste in District)

Future Changes: In 2016, the District partnered with Salt Creek Elementary, in Pickaway County, to provide a recycling drop-off bin at their school. The bin not only provides a convenient recycling bin for the school and their recycling program, but serves as a public recycling location for the residents of Salt Creek Township. The District will target at least one school a year to provide technical assistance to help implement a recycling program.

The Pickaway County Commissioners approved the implementation of an office paper recycling program at the beginning of 2016. First Capital Enterprises in Chillicothe provides regular pick up and shredding of office paper placed in recycling carts that are placed in all Pickaway County offices. Ross County continued its successful office paper recycling program and contributed 5 tons towards recycling. The District will target one government entity to provide technical assistance to help implement a recycling program.

In 2017, the District planned an outreach engagement to the largest industrial facilities. Hosting an Environmental Health and Safety contacts/meeting led to discussions regarding solid waste and recycling in their facilities and the possibility of a District award program to recognize successful industrial recycling initiatives. The District is planning annual meetings to continue the dialogue and engagement.

Technical assistance will be provided to businesses, industries and institutions. Technical assistance will include waste assessments, contract assistance, education, in-person meetings, presentations, etc. The District will focus efforts on providing technical assistance to set up recycling programs. Once programs are developed emphasis will be placed on educating those involved with how to recycle. District will assist in providing education materials needed, including presentations, print materials, and custom signage. Four businesses are targeted each year.

The largest industrial establishments have sustainability plans and publish annual sustainability reports or showcase sustainability initiatives on their websites. Industry waste types vary and are often specialized. Different waste types require different approaches and thus a need to focus on specific industry and its infrastructure needs/gaps for each waste stream. A consistent challenge for the District is a lack of data reported by local industries. Number and businesses targeted will be tracked to measure impacts on responding surveys.

Ohio Materials Marketplace, Ohio EPA's newly developed material exchange, will also be promoted to businesses. This material exchange will connect entities so they can re-use or

recycle by-products or waste materials. The District website will include a link and information will be shared during outreach engagement by identifying the link on the website and discussing during outreach events.

Program: Industrial Education and Awareness

Future Changes: Aspects of this program are incorporated into other programs. This program name will not continue into the planning period.

Program: Promote Curbside Recycling

Future Changes: In the reference year, two communities offered curbside recycling. District staff will continue to facilitate discussion and engagement with political jurisdiction stakeholders encouraging curbside recycling. A target of reaching 2 jurisdictions a year through in-person meetings is set. Outreach and technical assistance promoting curbside recycling requires time and discussions. The District works to tailor assistance specific to each community. Phone calls, meetings, and outreach include discussions around costs, policies, practices, collection, etc.

Program: Promote Product Stewardship and Retailer Take-Back (previous program name Encourage the private sector to offer scrap tire services, Private Electronics Recycling Businesses in Ross County, and Private Electronics Recycling Businesses in Ross County)

Future Changes: The District website identifies a few retailer take-back programs. As retailers and materials are identified the website will be updated. Identified materials with retailer take-back opportunities include: tires, electronics, and appliances. Take-back programs vary so residents are guided to contact retailers prior to dropping off materials.

Product stewardship will involve a more global approach to promote producer responsibility options and solutions. Specific focus will be given to District businesses modeling producer responsibility and will include highlighting these practices on social media outlets.

Program: Reuse Network

Future Changes: The top management hierarchy of waste minimization is the most preferred method of reducing reliance on landfills since, unlike recycling, waste minimization eliminates the generation of waste material. Reuse centers give materials a second life through reuse thereby diverting the material from landfills. The target for the Ohio Materials Marketplace is on businesses. Residents have similar opportunities in the District through reuse centers and second hand stores. Reuse infrastructure is scattered throughout the District and operates independently. Reuse infrastructure heavily falls on non-profits and their development of reuse centers. The District will develop a resource guide to donating and educate residents to benefits of utilizing these type of businesses.

Goal #5: Develop strategies for managing scrap tires and household hazardous waste

Program: Electronics Collection

Future Changes: The major obstacle is costs. The District is continually looking for options to help residents properly manage this material. Partnerships and collaborations will be explored. Funding permitting the District is planning every year electronics collection events in each county.

The District contracts with a third party to collect and process electronics for recycling. The intent is to provide this opportunity until the private sector takes over this role. Residential household electronics are accepted however there are restrictions on CRTs and TVs. Special collection events accepting CRTs and TVs charge a nominal fee.

To disseminate information to residents an informational e-waste flyer is available on the website.

Program: Private Electronics Recycling Businesses in Ross County

Future Changes: Aspects of this program was incorporated into other programs. This program name will not continue into the planning period.

Program: HHW Collection (previous program name Promotion of HHW collection in Pickaway County)

Future Changes: District will continue to explore options to provide greater service options for residents. When events are held better data tracking methods will be implemented to track number of car/participants.

In 2017, a semi-permanent HHW drop-off opportunity is available to District residents. Environmental Enterprises, Inc. (EEI) located in Columbus, Ohio, is working with the District to provide year-round HHW management for District residents. A voucher system is budgeted for 2017. Vouchers will be used to cover expenses for residents to properly manage HHW. To receive the voucher residents must first contact the District and pick up a signed voucher. The District will pay a per unit cost for HHW delivered to EEI. The District will set a “not to exceed” contract limit to be observed by the processor. The processor invoices the District for the HHW processing up to the set limit. The program operates on a “first come, first served” basis and is available until the set limit is reached. If vouchers run out, residents are able to use the outlet but will incur a user fee.

In 2017, the District is planning to hold a one-day collection event open to all residents in the District. This event is planned for Ross County. The District will contract with a private sector business to collect and process the materials. Latex paint will not be accepted. Annual one-day events are planned through the planning period. The District hopes the event will be available in other counties as well. Location, accessibility, and site hosts are factors in determining future event locations.

Program: Yard Waste Programs

Future Changes: none

Program: Scrap Tire Collection (previous program name District sponsored scrap tire collection events)

Future Changes: In 2016, scrap tire collection events were held in all four counties. Both Pickaway and Fayette provided a second scrap tire event for their residents. Over 18,892 tires were diverted. Funding permitting the District is planning for annual scrap tire collection events in each county.

Program: Tire dump cleanup

Future Changes: none

Other Programs

Program: Recycling Incentive Mini Grant

Community, business and institutional grants will be available to businesses, government entities, non-profit organizations and education institutions interested in implementing a new recycling program or improving an existing program to support long-term recycling goals. Grants will be awarded on a competitive basis and will begin in 2017.

The District gives priority for grant funding based on the following criteria:

- New curbside recycling programs.
- Demonstration of Need – Applicant clearly defines funding need.
- Strength of Program – Proposed activities are innovative and attempt to enlist new behavior.
- Evaluation – Applicant has the means and mechanisms for tracking results and measuring success.
- Sustainability – Applicant demonstrates a commitment to long-term recycling.

Grants will continue to be offered annually, as long as funding permits.

Program: Enforcement Strategy

Partnerships to assist with environmental compliance issues will be explored. Sheriff departments and health departments will be engaged through initial meetings with District staff and County Commissioners. Goals include setting criteria for illegal dumping, inspections, and complaints; establishing procedures for violations; and gaining support from prosecutors and judges.

Program: Health Department

District will assist Health Departments in all four counties to develop stronger and consistent methods for haulers and to work with enforcement of illegal dumping. Initial outreach will include meetings between the District and Health Departments to discuss programs, issues, and solutions.

Program: County Revolving Fund

District provides a set fund of money to each county for HB 592 programming related expenses. Typical expenses include costs for monitoring drop-off recycling containers, cleaning contamination, and outreach/education specialist expenses.

Measuring Greenhouse Gas Reduction

EPA created the Waste Reduction Model (WARM) to help solid waste planners and organizations track and voluntarily report greenhouse gas (GHG) emissions reductions from several different waste management practices. WARM calculates and totals GHG emissions of baseline and alternative waste management practices—source reduction, recycling, anaerobic digestion, combustion, composting and landfilling. The District will use U.S. EPA's Waste Reduction Model (WARM) to evaluate the impact of recycling programs on reducing greenhouse gas emissions.

WARM recognizes 46 different material types. Some materials are not represented by the WARM model. In such cases, a WARM factor that seems similar to the material not recognized by WARM was used. There are limitations to using factors or proxies. Proxies do not necessarily indicate the life-cycle

energy use and greenhouse gas (GHG) emissions accurately. In addition WARM requests the tonnage landfilled by material type. In the District this data is not available. Estimates were made based on estimated waste composition. The GHG emissions measured here are estimates.

For the reference year the baseline GHG emissions from generation and management are 74,910 MTCO₂E. The District is not planning any alternative management methods for managing waste generation. Waste will be managed using the same waste management methods as the reference year.

Waste Reduction Projections

The District’s residential/commercial waste reduction strategies are presented in Table 5-5, “Residential/Commercial Waste Reduction Strategies”. Projections are described in more detail below:

Program/Strategy	Assumptions Used for Future Projections
South Bloomfield Curbside Recycling	South Bloomfield curbside is a newer program. The program began in 2013 then transitioned to weekly service with carts in 2016. The program demonstrated minimal growth historically so it is difficult to justify large annual tonnage increases. The weekly cart service will improve recovery however this plan update conservatively projects a minimal annual growth of 0.5%.
Asheville Curbside Recycling	Asheville curbside is a newer program. The program began in fall of 2014. Recycling increased 30% from 2015 to 2016 (2015 and 2016 are reported data). Since this program uses best practices of carts and single stream it is expected recycling will continue to increase. Applying a 5% annual increase will increase the recovery to 137 tons or 171 pounds per household at the end of the planning period. These projections are below national averages but without a targeted education campaign it is difficult to justify higher projections.
Chillicothe Curbside Recycling	Chillicothe will begin curbside recycling in 2018 (most likely first quarter). 2018 calculations are estimated based on a national average of 357 pounds/household/year recovered (Source: The 2016 State of Curbside Report prepared by The Recycling Partnership), 9,000 single-family households in Chillicothe, and 60 percent participation. This estimates 964 tons per year. Assuming participation will increase after implementation, projections increase 21 tons per year to reflect 80 percent participation by the end of the planning period.
Drop-off Recycling Collection	Drop-off tonnages increase 4% in 2012, 6% in 2013, 22% in 2014, and 13% in 2015. The District relies on drop-offs for recycling however 2 communities and soon to be 3 are implementing curbside recycling programs. The District is increasing the program at 5%, any additional increases are challenging to justify. The goal is move towards curbside and decrease the dependency of the drop-offs as recycling infrastructure.
Industrial Surveys	Industrial recycling mirrors the industrial generation and increases at 0.4% annually.
Commercial Surveys	Data aggregated in this line item includes Ohio EPA Commercial Retail, MRF data and District surveys. Each year Ohio EPA attempts to expand upon the retailers reporting and works with MRFs for better reporting. Combined with continued outreach to the commercial sector from the District, at least a 2% annual increase in recycling is expected.
Fayette County Sort Floor	Tonnages are included in Commercial Survey line item.
AbiBow LLC Fiber Collection	Abibow containers continue to be supplied and serviced. Uncertain of the level of commitment of Abibow for this program 2015 tonnages are held constant through the planning period.
Partner with private sector to provide recycling	No quantitative measures. District will work with buy back centers to get recycling tonnage numbers.
Event Recycling	Event recycling programming to begin in 2017 and is expecting diversion tonnages of less than 1 ton. These programs will have small diversion impacts but will provide opportunity and continue to relate recycling messages to RPHF residents.
District Website and Social Media	Quantitative measures includes website usage metrics.
Education and Awareness of Household Hazardous Waste	No quantitative measures.
Outreach/Education Specialists	Quantitative measures include number of meetings, presentations, events, and other metrics.
Organic Management Partnerships	Data in 2015 represents food waste composting reported on Ohio EPA’s 2015 compost report. Likewise, 2016 data was taken from the 2016 Compost report. Food waste diversion in 2013 more than tripled historical trends because of new programs in two correctional facilities located in district. These facilities reported declines in food diversion in 2014 and 2015. Planning period programming is targeting the other two correctional facilities to implement food diversion programs. Feasibility and implementation are dependent on many factors that are unknown at the time of this plan update. If additional correctional facility programs are implemented diversion will increase however, at this time

Program/Strategy	Assumptions Used for Future Projections
	an implementation time in unknown. Based on the 2014 through 2016 decreases projections are held constant through the planning period.
Commercial/Industrial Assistance	No quantitative measures.
Promote Curbside Recycling	No quantitative measures.
Reuse Network	No quantitative measures.
Promote Product Stewardship and Retailer Take-Back	No quantitative measures.
Electronics Collection	No quantitative measures. Add in vehicles and tonnages, etc.
HHW Collection	Projections increase to 5 tons in 2017 based on increased collection event opportunity. The tonnage calculated in 2017 is based on 250 cars assuming 40 pounds per car. In comparison to Carroll Columbia Harrison (CCH) solid waste district, which is similar to RPHF in population, demographics, and HHW opportunities, 5 tons is low. CCH reports 12 tons of HHW diverted. Assuming the 5 tons will increase a 2% annual projection was applied beyond 2017.
Yard Waste Programs	Projections include yard waste only. Historically yard waste attributed roughly 1,000 tons of diversion but in 2015 reported quantities more than doubled. It is not unusual for yard waste quantities to fluctuate (storm damage, etc.). Since the increase in 2015 was from one urban compost location, it is assumed year 2015 is a peak in data and is not used for future projections. Ohio EPA's 2016 Compost Report indicates 619 tons of yard waste was composted. Maintaining the historical trends yard waste is held constant at 1,000 tons through the planning period.
Scrap Tire Collection	Historical data demonstrates minimal variations in volumes collected and a five year average of 2,270 tons. The 2015 diversion volumes were held steady through the planning period. Add vehicles and tonnage metrics
Tire Dump Cleanup	Historical data demonstrates minimal variations in volumes collected. The 2015 diversion volumes were held steady through the planning period.
Recycling Incentive Mini Grant	No quantitative measures. Number of grants awarded and tonnages diverted as a result.
Enforcement Strategy	No quantitative measures. Cases investigations, prosecutor fines, etc.
Health Department	No quantitative measures.
County Revolving Fund	No quantitative measures. Funds awarded and tonnages diverted or cleaned
Waste to Energy Incineration	2015 and 2016 are actual reported quantities. Projections held constant through the planning period. This is not a planned strategy for the SWMD, however the SWMD assumes the business incinerating tires will continue through the planning period.

Note: 2015 and 2016 is actual data.

Table 5-5 Residential/Commercial Waste Reduction Strategies

Strategy	Type of Material Reduced and/or Recycled	Year					
		2015	2016	2017	2018	2019	2020
Source Reduction Strategies							
None		0	0	0	0	0	0
Subtotal		0	0	0	0	0	0
Recycling Strategies							
South Bloomfield Curbside	AL, PA, GL, CA, ST, PL	79	79	80	80	81	81
Ashville Curbside	AL, PA, GL, CA, ST, PL	78	101	106	112	117	123
Chillicothe Curbside	AL, PA, GL, CA, ST, PL	0	0	0	964	968	972
Drop-off Recycling Collection	AL, PA, GL, CA, ST, PL	3,897	4,092	4,296	4,511	4,737	4,974
Commercial Surveys	AC, SC, GL, PL, OCC, and fibers	27,317	20,239	20,644	21,057	21,478	21,907
Fayette County Sort Floor	AL, PA, GL, CA, ST, PL	0	0	0	0	0	0
AbiBow LLC Fiber Collection	paper	475	475	475	475	475	475
Partner with private sector to provide recycling	AL, PA, GL, CA, ST, PL	n/a	n/a	n/a	n/a	n/a	n/a
Event Recycling	AL, PA, GL, CA, ST, PL	0	0	0	0	0	0
District Website and Social Media	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Education and Awareness of Household Hazardous Waste	HHW, batteries	n/a	n/a	n/a	n/a	n/a	n/a
Outreach/Education Specialists	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Organic Management Partnerships	FW	3,602	5,186	5,186	5,186	5,186	5,186
Commercial/Industrial Assistance	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Promote Curbside Recycling	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Reuse Network	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Promote Product Stewardship and Retailer Take-Back	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Electronics Collection	EW	17	13	13	13	13	13
HHW Collection	HHW, batteries	2	2	5	5	5	5
Yard Waste Programs	YW	2,945	968	1,000	1,000	1,000	1,000
Scrap Tire Collection Events	ST	2,222	2,234	2,234	2,234	2,234	2,234
Tire Dump Cleanup	ST	27	27	27	27	27	27
Recycling Incentive Mini Grant	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Health Department	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Enforcement Strategy	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Health Department	n/a	n/a	n/a	n/a	n/a	n/a	n/a
County Revolving Fund	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Grand Totals		40,661	33,418	34,067	35,665	36,322	36,999

AC=Aluminum Containers; GL=Glass Containers; PL= Plastic Containers; ONP=Old Newspaper; OCC=Corrugated Cardboard; SC=Steel Containers; Pbd=Paperboard; LAB=Lead Acid Battery; Mag=Magazines; OffP=Office Paper; MxP=Mixed Paper; ST=Scrap Tires; App=Appliances; EW= Electronics; Oth=Nicad Batteries, Used Oil, Household Batteries, Wood; OME = Other Metals, Fibers = ONP, OCC, Pbd, Mag, OffP, MxP

Table 5-5 Residential/Commercial Waste Reduction Strategies

Strategy	Year												
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Source Reduction Strategies													
None	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0	0	0	0	0	0	0
Recycling Strategies													
South Bloomfield Curbside	81	82	82	83	83	83	84	84	85	85	86	86	86
Ashville Curbside	129	130	130	131	132	132	133	134	134	135	136	136	137
Chillicothe Curbside	977	981	985	989	993	998	1,002	1,006	1,010	1,014	1,019	1,023	1,027
Drop-off Recycling Collection	5,222	5,484	5,758	6,046	6,348	6,665	6,999	7,348	7,716	8,102	8,507	8,932	9,379
Commercial Surveys	22,345	22,792	23,248	23,713	24,187	24,671	25,165	25,668	26,181	26,705	27,239	27,784	28,339
Fayette County Sort Floor	0	0	0	0	0	0	0	0	0	0	0	0	0
AbiBow LLC Fiber Collection	475	475	475	475	475	475	475	475	475	475	475	475	475
Partner with private sector to provide recycling	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Event Recycling	0	0	0	0	0	0	0	0	0	0	0	0	0
District Website and Social Media	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Education and Awareness of Household Hazardous Waste	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Outreach/Education Specialists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Organic Management Partnerships	5,186	5,186	5,186	5,186	5,186	5,186	5,186	5,186	5,186	5,186	5,186	5,186	5,186
Commercial/Industrial Assistance	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Promote Curbside Recycling	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Reuse Network	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Promote Product Stewardship and Retailer Take-Back	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Electronics Collection	13	13	13	13	13	13	13	13	13	13	13	13	13
HHW Collection	5	6	6	6	6	6	6	6	6	6	7	7	7
Yard Waste Programs	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Scrap Tire Collection	2234	2234	2234	2234	2234	2234	2234	2234	2234	2234	2234	2234	2234
Tire Dump Cleanup	27	27	27	27	27	27	27	27	27	27	27	27	27
Recycling Incentive Mini Grant	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Health Department	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Enforcement Strategy	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Health Department	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
County Revolving Fund	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Grand Totals	37,696	38,410	39,145	39,903	40,685	41,492	42,324	43,182	44,069	44,983	45,928	46,904	47,911

AC=Aluminum Containers; GL=Glass Containers; PL= Plastic Containers; ONP=Old Newspaper; OCC=Corrugated Cardboard; SC=Steel Containers; Pbd=Paperboard; LAB=Lead Acid Battery; Mag=Magazines; OffP=Office Paper; MxP=Mixed Paper; ST=Scrap Tires; App=Appliances; EW= Electronics; Oth=Nicad Batteries, Used Oil, Household Batteries, Wood; OME = Other Metals, Fibers = ONP, OCC, Pbd, Mag, OffP, MxP

Source: 2015 data actual from Section 3 and 4 of this plan. Data for 2016 is actual.

The District's industrial waste reduction strategies are presented in Table 5-6, "Industrial Waste Reduction Strategies". It is assumed recycling will increase at the same rate of generation increases through the planning period.

Table 5-6 Industrial Waste Reduction Strategies

Strategy	Type of Material Reduced and/or Recycled	Year													
		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Source Reduction Strategies															
none		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Subtotal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Recycling Strategies															
Industrial Surveys	AC, SC, GL, PL, OCC, and fibers	205,622	234,987	235,927	236,871	237,818	238,769	239,724	240,683	241,646	242,613	243,583	244,557	245,536	246,518
Commercial/Industrial Assistance	education/outreach	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Subtotal	205,622	234,987	235,927	236,871	237,818	238,769	239,724	240,683	241,646	242,613	243,583	244,557	245,536	246,518
	Grand Totals	205,622	234,987	235,927	236,871	237,818	238,769	239,724	240,683	241,646	242,613	243,583	244,557	245,536	246,518

Strategy	Type of Material Reduced and/or Recycled	Year				
		2029	2030	2031	2032	2033
Source Reduction Strategies						
none		0	0	0	0	0
	Subtotal	0	0	0	0	0
Recycling Strategies						
Industrial Surveys	AC, SC, GL, PL, OCC, and fibers	247,504	248,494	249,488	250,486	251,488
Commercial/Industrial Assistance	education/outreach	n/a	n/a	n/a	n/a	n/a
	Subtotal	247,504	248,494	249,488	250,486	251,488
	Grand Totals	247,504	248,494	249,488	250,486	251,488

AC=Aluminum Containers; GL=Glass Containers; PL= Plastic Containers; ONP=Old Newspaper; OCC=Corrugated Cardboard; SC=Steel Containers; PBd=Paperboard; LAB=Lead Acid Battery; Mag=Magazines; OffP=Office Paper; MxP=Mixed Paper; ST=Scrap Tires; App=Appliances; EW= Electronics; Oth=Nicad Batteries, Used Oil, Household Batteries, Wood

Source:

Recycling values are from Table 4-6 of this plan.

Notes:

The data is from industrial survey results.

2015 and 2016 are actual data.

The District is estimating industrial recycling will increase by 0.65% for each planning year.

Section 6: Methods of Management: Facilities and Programs to be Used

This section focuses upon projections of solid waste generation in the District including residential, commercial, industrial and some special categories of waste and the waste reduction strategies that will be implemented by the District to manage the solid waste generation.

A. District Methods for Management of Solid Waste

Table 6-1 “Waste Management Methods Used and Processing Capacity Needed for Each Year of the Planning Period” was completed by entering the total amount of waste generated in each year of the planning period, then indicating the amounts of waste expected to be managed by each method. For each year the amounts estimated for each management method were calculated by subtracting the amount of waste source reduced from the projected waste generation. For example, the amount of landfill tonnage required was determined by subtracting all waste reduction and recycled amounts from the estimated waste generation for that given year. In preparing Tables 6-1, 6-2, and 6-3, the District used the waste generation and waste reduction estimates from Section 5. The information provided for the reference year was based upon reported quantities.

Table 6-1 Waste Management Methods Used and Processing Capacity Needed for Each Year of the Planning Period

Year	Tons of SW Generated	Tons Source Reduced	Net Tons to be Managed by SWMD	Management Method Used and Processing Capacity Required in TPY						
				Recycling	Transfer	YW & FW Composting	YW Land Application	Incineration	MSW Composting	Landfilling
2015	482,113	0	482,113	239,736	83,799	6,546	0	0	0	235,831
2016	503,589	0	503,589	262,250	83,568	6,155	0	0	0	235,184
2017	505,566	0	505,566	263,808	83,706	6,186	0	0	0	235,572
2018	507,554	0	507,554	266,349	83,510	6,186	0	0	0	235,018
2019	509,551	0	509,551	267,953	83,649	6,186	0	0	0	235,411
2020	511,558	0	511,558	269,582	83,784	6,186	0	0	0	235,790
2021	513,575	0	513,575	271,234	83,913	6,186	0	0	0	236,155
2022	514,653	0	514,653	272,907	83,702	6,186	0	0	0	235,560
2023	515,738	0	515,738	274,605	83,484	6,186	0	0	0	234,946
2024	516,828	0	516,828	276,330	83,258	6,186	0	0	0	234,312
2025	517,924	0	517,924	278,082	83,025	6,186	0	0	0	233,655
2026	519,026	0	519,026	279,863	82,784	6,186	0	0	0	232,977
2027	520,134	0	520,134	281,673	82,535	6,186	0	0	0	232,274
2028	521,248	0	521,248	283,514	82,276	6,186	0	0	0	231,548
2029	522,368	0	522,368	285,386	82,009	6,186	0	0	0	230,796
2030	523,495	0	523,495	287,291	81,732	6,186	0	0	0	230,017
2031	524,627	0	524,627	289,230	81,446	6,186	0	0	0	229,211
2032	525,766	0	525,766	291,203	81,149	6,186	0	0	0	228,376
2033	526,910	0	526,910	293,213	80,842	6,186	0	0	0	227,511

Source:

Tons of Solid Waste Generated from Table 5-4

Tons Source Reduced from Table 5-5 and Table 5-6

Recycling Management Method from Table 5-5 and Table 5-6

Transfer Management Method for 2015 from Table 3-3

Yard Waste Management Method from Table 5-5 and Table 5-6

Sample Calculation:

Transfer method assumes 36% of total landfilled waste is transferred.

2016 Transfer - 233,366 tons x 36% = 84,012 tons transferred

2015 Landfilling = Net Tons - Recycling - Yard Waste Composting - YW Land Application - Incineration - MSW Composting

235,831 = 482,524 - 239,736 - 6,546 - 0 - 5,411 - 0

After completing this table for the total waste generated, the same table was developed separately for the residential/commercial (Table 6-2) and industrial sectors (Table 6-3).

Table 6-2 Summary for Residential/Commercial Waste Management Methods

Year	Tons Generated	Management Method in TPY					
		Source Reduction & Recycling	Transfer	Incineration	Composting	Landfilling	Ash Disposal
2015	184,640	34,114	72,568	0	6,546	143,980	0
2016	185,501	27,263	72,370	0	6,155	152,083	0
2017	186,366	27,881	72,490	0	6,186	152,299	0
2018	187,238	29,478	72,319	0	6,186	151,573	0
2019	188,114	30,135	72,440	0	6,186	151,792	0
2020	188,996	30,812	72,557	0	6,186	151,997	0
2021	189,884	31,510	72,669	0	6,186	152,187	0
2022	189,827	32,223	72,486	0	6,186	151,418	0
2023	189,773	32,959	72,297	0	6,186	150,628	0
2024	189,720	33,717	72,102	0	6,186	149,816	0
2025	189,668	34,499	71,900	0	6,186	148,983	0
2026	189,617	35,305	71,691	0	6,186	148,126	0
2027	189,568	36,138	71,475	0	6,186	147,244	0
2028	189,521	36,996	71,251	0	6,186	146,338	0
2029	189,474	37,882	71,020	0	6,186	145,406	0
2030	189,430	38,797	70,780	0	6,186	144,446	0
2031	189,386	39,742	70,532	0	6,186	143,458	0
2032	189,345	40,717	70,275	0	6,186	142,441	0
2033	189,304	41,725	70,009	0	6,186	141,393	0

Source:

Tons Generated from Table 5-2

Source Reduction and Recycling Management Method Table from 5-5

Composting Management Method Table from Table 5-5

Incineration from Table 3-2

Generation and Landfilling does not include exempt waste

Sample Calculation:

$$2015 \text{ Landfilling} = \text{Tons Generated} - \text{Source Reduction and Recycling} - \text{Incineration} - \text{Composting}$$

$$143,980 = 184,640 - 34,114 - 0 - 6,546$$

Table 6-3 Summary for Industrial Waste Management Methods

Year	Tons Generated	Management Method in TPY					
		Source Reduction & Recycling	Transfer	Incineration	MSW Composting	Landfilling	Ash Disposal
2015	257,342	205,622	11,231	0	0	51,720	0
2016	277,957	234,987	11,198	0	0	42,970	0
2017	279,069	235,927	11,217	0	0	43,142	0
2018	280,185	236,871	11,190	0	0	43,314	0
2019	281,306	237,818	11,209	0	0	43,488	0
2020	282,431	238,769	11,227	0	0	43,662	0
2021	283,561	239,724	11,244	0	0	43,836	0
2022	284,695	240,683	11,216	0	0	44,012	0
2023	285,834	241,646	11,187	0	0	44,188	0
2024	286,977	242,613	11,157	0	0	44,364	0
2025	288,125	243,583	11,125	0	0	44,542	0
2026	289,278	244,557	11,093	0	0	44,720	0
2027	290,435	245,536	11,060	0	0	44,899	0
2028	291,596	246,518	11,025	0	0	45,079	0
2029	292,763	247,504	10,989	0	0	45,259	0
2030	293,934	248,494	10,952	0	0	45,440	0
2031	295,110	249,488	10,914	0	0	45,622	0
2032	296,290	250,486	10,874	0	0	45,804	0
2033	297,475	251,488	10,833	0	0	45,987	0

Source:

Year	Tons Generated	Management Method in TPY					
		Source Reduction & Recycling	Transfer	Incineration	MSW Composting	Landfilling	Ash Disposal

Tons Generated from Table 5-3

Source Reduction and Recycling Management Method Table from 5-6

Generation and Landfilling does not include exempt waste

Sample Calculation:

$$2015 \text{ Landfilling} = \text{Tons Generated} - \text{Source Reduction and Recycling} - \text{Incineration} - \text{MSW Composting}$$

$$51,720 = 257,342 - 205,622 - 0 - 0$$

B. Demonstration of Access to Capacity

The District will manage its waste through a combination of landfills, recycling programs/facilities, transfer stations, and composting facilities during the planning period. For each management method to be used by the District, the names of the facilities, the processing capacity, and the amount of waste from the District to be accepted has been provided. The appropriate information is entered in Tables 6-4(a) through 6-4(d). These tables are used to provide the applicable information for each management method used by the District - landfilling, recycling, transfer, composting, incineration, and/or resource recovery.

Table 6-4(a) "Waste Management Method: Landfill", shows twelve in-state and two out-of-state landfills managing District solid waste. Three landfills (Wilmington, Rumpke Waste, and Stony Hollow) receiving District waste are expected to run out of capacity to handle waste in the planning period. It is predicted waste from these three landfills will be redirected to Rumpke Brown and Beech Hollow. This predication is based on the assumption that transfer facilities handling the waste will transport to facilities they reported using in 2015.

Table 6-4(a) Waste Management Method: Landfill

Facilities Used by District Name and Location (County & State)	Average Daily Waste (Tons)	Remaining Capacity			Airspace	
		AMDWR (Tons)	Years Left	Data Source	Gross (cubic yards)	Net (tons)
In-District Landfills						
none	na	na	na	na	na	na
Out-Of-District Landfills						
Rumpke Brown Co Sanitary Landfill (Brown, OH)	1,125	3,000	95.8	1	42,268,000	28,993,734
Wilmington Sanitary Landfill (Clinton, OH)	107	195	5.5	1	286,934	146,336
Franklin County Sanitary Landfill (Franklin, OH)	3,718	8,000	22.3	1	32,724,776	23,725,463
Rumpke Waste Inc Hughes Rd Landfill (Hamilton, OH)	4,548	10,000	14.2	1	25,843,752	23,619,742
Hancock County Sanitary Landfill (Hancock, OH)	455	750	30.1	1	5,466,466	3,851,734
Carbon Limestone Landfill LLC (Mahoning, OH)	3,112	11,000	60.7	1	69,061,518	58,495,106
Stony Hollow Landfill Inc (Montgomery, OH)	1,162	4,500	16.7	1	6,283,400	5,045,570
Pike Sanitation Landfill (Pike, OH)	891	2,000	75.1	1	19,123,890	17,402,740
Athens Hocking C&DD/Reclamation Center Landfill (Athens, OH)	651	2,500	51.2	1	13,477,321	9,434,124
Suburban Landfill, Inc (Perry, OH)	1,413	5,000	20.0	1	11,207,999	8,069,759
Pine Grove Regional Facility (Fairfield, OH)	937	5,000	60.1	1	19,320,474	14,490,356
Beech Hollow Landfill (Jackson, OH)	1,310	4,000	61.7	1	25,640,000	21,024,800
Out-Of-State Landfills						
Republic Services of KY LLC-Epperson Waste	na	na	na	na	na	na
Marysville-Mason Co Landfill	na	na	na	na	na	na

AMDWR=Allowable Maximum Daily Waste Receipt

Source:

1 - Ohio EPA document "Draft 2015 Ohio Facility Data Report Tables", dated August 1, 2016

Notes:

2012 tons of SW Managed from Ohio EPA. Noble Road and Central Waste data from transfer facility reports.

Total SW Managed through the planning period is from Table 6-1.

Table 6-4(a) Continued Waste Management Method: Landfill

Facilities Used by District Name and Location (County & State)	Tons of District SW Managed								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
In-District Landfills									
none	0	0	0	0	0	0	0	0	0
Out-Of-District Landfills									
Rumpke Brown Co Sanitary Landfill (Brown County, Ohio)	16,162	16,118	16,144	16,106	16,133	16,159	16,184	16,143	16,101
<i>Direct Haul</i>	16,162	16,118	16,144	16,106	16,133	16,159	16,184	20,487	20,434
Wilmingon Sanitary Landfill (Clinton County, Ohio)	4,349	4,337	4,344	4,334	4,341	4,348	4,355	0	0
<i>Direct Haul</i>	4,349	4,337	4,344	4,334	4,341	4,348	4,355	0	0
Franklin County Sanitary Landfill (Franklin County, Ohio)	2,516	514,751	515,601	514,389	515,249	516,078	516,876	515,576	514,232
<i>Direct Haul</i>	1,479	1,475	1,477	1,474	1,476	1,479	1,481	1,477	1,473
<i>SWACO Jackson Pike Transfer Facility (Transfer)</i>	1	1	1	1	1	1	1	1	1
<i>Waste Management of Ohio Transfer & Recycling (Transfer)</i>	1,036	1,033	1,035	1,032	1,034	1,036	1,037	1,035	1,032
Rumpke Waste Inc. Hughes Rd Landfill (Hamilton County, Ohio)	15	15	15	15	15	15	15	15	15
<i>Direct Haul</i>	15	15	15	15	15	15	15	15	15
Hancock County Sanitary Landfill (Hancock County, Ohio)	3	3	3	3	3	3	3	3	3
<i>Direct Haul</i>	3	3	3	3	3	3	3	3	3
Carbon Limestone Landfill LLC (Mahoning County, Ohio)	1	1	1	1	1	1	1	1	1
<i>Direct Haul</i>	1	1	1	1	1	1	1	1	1
Stony Hollow Landfill, Inc (Montgomery County, Ohio)	2,411	232,168	232,552	232,005	232,393	232,767	233,126	232,540	231,934
<i>Direct Haul</i>	2,411	2,404	2,408	2,403	2,407	2,411	2,414	2,408	2,402
Pike Sanitation Landfill (Pike County, Ohio)	140,845	114,882	115,072	114,801	114,993	115,178	115,356	115,066	114,766
<i>Direct Haul</i>	115,199	114,882	115,072	114,801	114,993	115,178	115,356	115,066	114,766
<i>Waste Management of Ohio Chillicothe (Transfer)</i>	25,646	25,575	25,618	25,557	25,600	25,641	25,681	25,616	25,550
Athens Hocking C&DD/Reclamation Center Landfill (Athens, Ohio)	201	200	201	200	201	201	201	201	200
<i>Direct Haul</i>	201	200	201	200	201	201	201	201	200
Suburban Landfill, Inc (Perry County, Ohio)	448	447	448	446	447	448	449	447	446
<i>Direct Haul</i>	448	447	448	446	447	448	449	447	446
Pine Grove Regional Facility (Fairfield County, Ohio)	10,528	10,499	10,516	10,492	10,509	10,526	10,542	10,516	10,488
<i>Direct Haul</i>	5,603	5,588	5,597	5,584	5,593	5,602	5,611	5,597	5,582
<i>Local Waste (Transfer)</i>	4,895	4,882	4,890	4,878	4,886	4,894	4,902	4,889	4,877
<i>Reynolds Avenue Transfer Station (Transfer)</i>	30	30	30	30	30	30	30	30	30
Beech Hollow Landfill (Jackson County, Ohio)	52,434	14,084	14,107	14,074	14,098	14,120	14,142	14,107	14,070
<i>Direct Haul</i>	243	242	243	242	243	243	243	243	242
<i>R.L.S. Transfer, Inc. (Transfer)</i>	13,880	13,842	13,865	13,832	13,855	13,877	13,899	13,864	13,828
<i>Circleville Transfer Station (Transfer)</i>	28,213	28,135	28,182	28,116	28,163	28,208	28,251	28,180	28,107
<i>Fayette County Transfer Facility (Transfer)</i>	9,989	9,961	9,978	9,954	9,971	9,987	10,003	9,977	9,951
<i>Columbus Transfer and Recycling Facility (Transfer)</i>	109	109	109	109	109	109	109	109	109
Out-Of-State Landfills									
Republic Services of KY LLC-Epperson Waste	1	1	1	1	1	1	1	1	1
Marysville-Mason Co Landfill	5,919	5,903	5,912	5,899	5,908	5,918	5,927	5,912	5,897
TOTAL Direct Haul Waste Disposal	152,034	151,615	151,866	151,509	151,762	152,006	152,241	151,858	151,462
TOTAL Transferred Waste Disposal	83,799	83,568	83,706	83,510	83,649	83,784	83,913	83,702	83,484
Total Landfilled	235,833	235,184	235,572	235,018	235,411	235,790	236,155	235,560	234,946

Source:

1 - Ohio EPA document "Draft 2015 Ohio Facility Data Report Tables", dated August 1, 2016

2015 tons of SW Managed from Table 3-1.

Total SW Managed through the planning period is from Table 6-1.

Notes:

Sample Calculation:

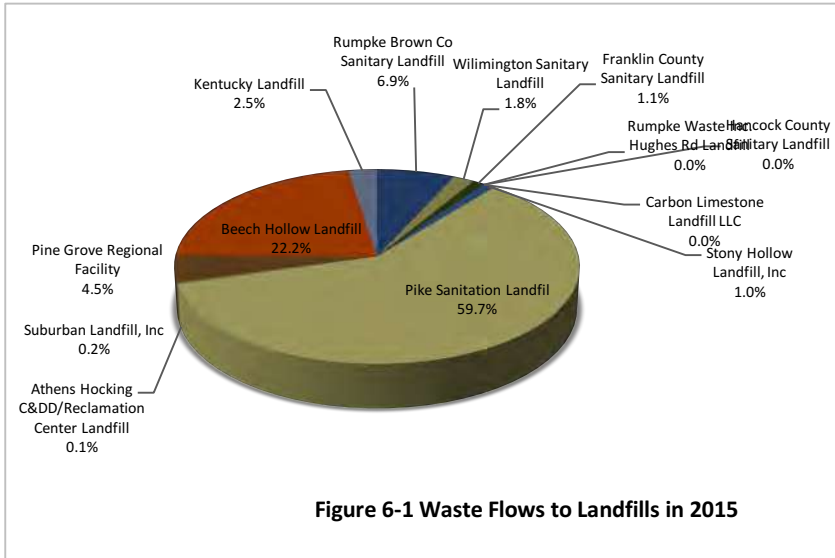
Projected value for each landfill is calculated as a ratio based on the 2015 distribution.

$$\text{Rumpke Brown 2016} = \frac{\text{Rumpke Brown 2015}}{\text{Total 2015}} \times \text{Total 2016}$$

$$16,118 = \frac{16,162}{235,833} \times 235,184$$

Table 6-4(a) Continued Waste Management Method: Landfill

Facilities Used by District Name and Location (County & State)	Tons of District SW Managed									
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
In-District Landfills										
none	0	0	0	0	0	0	0	0	0	0
Out-Of-District Landfills										
Rumpke Brown Co Sanitary Landfill (Brown County, Ohio)	16,058	16,013	15,966	15,918	15,868	15,817	15,763	15,708	15,651	15,592
<i>Direct Haul</i>	20,379	20,322	20,263	20,201	20,138	20,073	20,005	19,935	19,877	19,802
Wilimington Sanitary Landfill (Clinton County, Ohio)	0	0	0	0	0	0	0	0	0	0
<i>Direct Haul</i>	0	0	0	0	0	0	0	0	0	0
Franklin County Sanitary Landfill (Franklin County, Ohio)	512,842	511,406	509,920	508,383	506,793	505,147	503,443	501,678	495,152	493,277
<i>Direct Haul</i>	1,469	1,465	1,461	1,457	1,452	1,447	1,443	1,437	1,432	1,427
SWACO Jackson Pike Transfer Facility (Transfer)	1	1	1	1	1	1	1	1	1	1
Waste Management of Ohio Transfer & Recycling (Transfer)	1,029	1,026	1,023	1,020	1,017	1,014	1,010	1,007	1,003	999
Rumpke Waste Inc. Hughes Rd Landfill (Hamilton County, Ohio)	15	15	15	15	15	15	15	15	0	0
<i>Direct Haul</i>	15	15	15	15	15	15	15	15	0	0
Hancock County Sanitary Landfill (Hancock County, Ohio)	3	3	3	3	3	3	3	3	3	3
<i>Direct Haul</i>	3	3	3	3	3	3	3	3	3	3
Carbon Limestone Landfill LLC (Mahoning County, Ohio)	1	1	1	1	1	1	1	1	1	1
<i>Direct Haul</i>	1	1	1	1	1	1	1	1	1	1
Stony Hollow Landfill, Inc (Montgomery County, Ohio)	231,307	230,659	229,989	229,296	228,579	227,836	227,068	226,272	223,113	222,268
<i>Direct Haul</i>	2,395	2,389	2,382	2,375	2,367	2,360	2,352	2,343	0	0
Pike Sanitation Landfill (Pike County, Ohio)	114,456	114,135	113,804	113,461	113,106	112,738	112,358	111,964	111,556	111,134
<i>Direct Haul</i>	114,456	114,135	113,804	113,461	113,106	112,738	112,358	111,964	111,556	111,134
Waste Management of Ohio Chillicothe (Transfer)	25,481	25,409	25,335	25,259	25,180	25,098	25,014	24,926	24,835	24,741
Athens Hocking C&DD/Reclamation Center Landfill (Athens, Ohio)	200	199	199	198	197	197	196	195	195	194
<i>Direct Haul</i>	200	199	199	198	197	197	196	195	195	194
Suburban Landfill, Inc (Perry County, Ohio)	445	444	443	441	440	438	437	435	434	432
<i>Direct Haul</i>	445	444	443	441	440	438	437	435	434	432
Pine Grove Regional Facility (Fairfield County, Ohio)	10,460	10,431	10,400	10,369	10,337	10,303	10,268	10,232	10,195	10,156
<i>Direct Haul</i>	5,567	5,551	5,535	5,518	5,501	5,483	5,465	5,446	5,426	5,405
Local Waste (Transfer)	4,863	4,850	4,836	4,821	4,806	4,790	4,774	4,758	4,740	4,722
Reynolds Avenue Transfer Station (Transfer)	30	30	30	30	29	29	29	29	29	29
Beech Hollow Landfill (Jackson County, Ohio)	14,032	13,993	13,952	13,910	13,866	13,821	13,775	13,726	16,011	15,951
<i>Direct Haul</i>	241	241	240	239	239	238	237	236	2,570	2,560
R.L.S. Transfer, Inc. (Transfer)	13,790	13,752	13,712	13,671	13,628	13,584	13,538	13,490	13,441	13,390
Circleville Transfer Station (Transfer)	28,031	27,952	27,871	27,787	27,700	27,610	27,517	27,421	27,321	27,217
Fayette County Transfer Facility (Transfer)	9,925	9,897	9,868	9,838	9,807	9,776	9,743	9,709	9,673	9,637
Columbus Transfer and Recycling Facility (Transfer)	108	108	108	107	107	107	106	106	106	105
Out-Of-State Landfills										
Republic Services of KY LLC-Epperson Waste	1	1	1	1	1	1	1	1	1	1
Marysville-Mason Co Landfill	5,881	5,864	5,847	5,830	5,811	5,793	5,773	5,753	5,732	5,710
TOTAL Direct Haul Waste Disposal	148,416	150,630	150,193	149,740	149,271	148,787	148,285	147,765	147,227	146,669
TOTAL Transferred Waste Disposal	83,258	83,025	82,784	82,535	82,276	82,009	81,732	81,446	81,149	80,842
Total	234,312	233,655	232,977	232,274	231,548	230,796	230,017	229,211	228,376	227,511

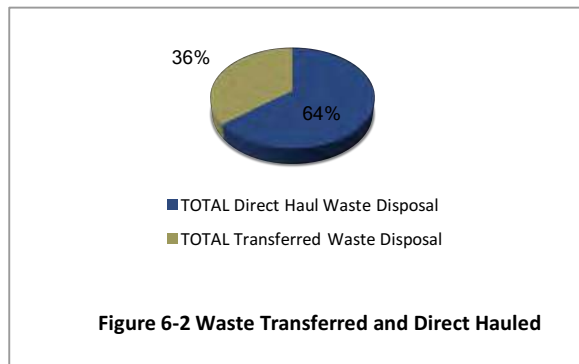


As seen in Figure 6-1, Pike Sanitation Landfill located in Pike County, Ohio reported receiving 60 percent of the District’s waste. Beech Hollow Landfill (Jackson County, Ohio) received 22 percent and the 10 landfills received the remaining 12 percent. The majority of the District’s waste flows to the southern neighboring county of Pike for final waste disposal.

Waste flows to the landfills either by direct haul or through a transfer facility. Approximately 64 percent

of the waste was direct hauled, meaning a refuse truck picked up waste from clients and directly hauled that waste to a landfill for disposal. The remaining 36 percent of landfilled waste is managed through a transfer facility before being landfilled.

In 2015 transfer facilities managing District waste reported using the following landfills as destination landfills:



Transfer Facilities	Destination Landfill
SWACO Jackson Pike Transfer Facility	100% to Franklin County Sanitary Landfill
Waste Management of Ohio Transfer & Recycling	24% to Franklin County Sanitary Landfill, 76% to Suburban Landfill
Waste Management of Ohio Chillicothe	45% to Pike Sanitation Landfill, 55% to Suburban Landfill
Local Waste	38% to Pine Grove Regional Facility, 14% to Franklin County Sanitary Landfill, 82 to Tunnel Hill
Reynolds Avenue Transfer Station	84% to Pine Grove Regional Facility, 15% to Franklin County Sanitary Landfill, 1% to Cherokee Run Landfill
R.L.S. Transfer, Inc.	99% to Beech Hollow Landfill, 1% to Pike Sanitation Landfill
Circleville Transfer Station	99% to Beech Hollow Landfill, 1% to Pike Sanitation Landfill
Fayette County Transfer Facility	100% to Beech Hollow Landfill
Columbus Transfer and Recycling Facility	1% Noble Road, 99% Beech Hollow Landfill

Table 6-4(a) assumes the transfer facility distribution to landfills will remain as identified above throughout the planning period.

Tables 6-4 (b), 6-4 (c), 6-4 (d) and 6-4 (e) present projections for incinerators, transfer, recycling and composting facilities. The District has assumed the facilities used in the reference year will be used to manage future projected municipal solid waste unless otherwise noted. The District is assuming the identified facilities will continue to process equivalent amounts of waste during the planning period. The District anticipates recycling operations will remain in operation throughout the planning period and will continue to provide sufficient capacity for recyclables

generated within the District. Tables 6-4 (b), 6-4 (c), 6-4 (d) and 6-4 (e) should be used as a guide.

Table 6-4(b) Waste Management Method: Incinerator

Facilities Used by District Name and Location (County & State)	Tons of District SW Managed																		
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Glatfelter (Ross, Ohio)	incinerator waste is not creditable for volume reduction																		
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 6-4(c) Waste Management Method: Transfer

Facilities Used by District Name and Location (County & State)	Tons of District SW Managed																		
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
See Table 6-4a																			
Total																			

Table 6-4(d) Waste Management Method: Recycling

Facilities Used by District Name and Location (County & State)	Tons of District SW Managed																		
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Rumpke of Ohio Chillicothe	16,782	18,358	18,467	18,645	18,757	18,871	18,987	19,104	19,223	19,344	19,466	19,591	19,718	19,847	19,978	20,111	20,247	20,385	20,525
Rumpke of Ohio Circleville	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rumpke Waste Recycling - Columbus	855	855	860	869	874	879	885	890	896	901	907	913	919	925	931	937	943	950	956
Waste Management Recycling - Columbus	128	128	129	130	131	132	133	133	134	135	136	137	138	139	139	140	141	142	143
Waste Management Dayton MRF	160	160	161	162	163	164	165	166	167	168	169	170	171	173	174	175	176	177	178
Dayton Glass Plant	277	277	279	281	283	285	287	288	290	292	294	296	298	300	302	304	306	308	310
Rumpke Recycling Dayton	229	229	231	233	234	236	237	239	240	242	243	245	246	248	250	251	253	255	256
Rumpke Center City Recycling - Hamilton County	3,618	3,618	3,639	3,675	3,697	3,719	3,742	3,765	3,788	3,812	3,836	3,861	3,886	3,911	3,937	3,963	3,990	4,017	4,045
Liberty Tire Service of Ohio	1,036	1,134	1,141	1,152	1,158	1,166	1,173	1,180	1,187	1,195	1,202	1,210	1,218	1,226	1,234	1,242	1,250	1,259	1,268
Sundown Tire Recycling	667	730	734	741	746	750	755	760	764	769	774	779	784	789	794	800	805	810	816
Tony Smith Wrecking & Trucking Co	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5
Bob's Tire Services LLC	47	51	51	52	52	53	53	54	54	54	55	55	55	55	56	56	56	57	57
Porter Tire Center Inc	381	417	419	423	426	428	431	433	436	439	442	445	447	450	453	456	459	463	466
Rumpke Transportation Company LLC	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5
US Tire Transportation LLC	80	88	89	89	90	91	91	92	92	93	93	94	95	95	96	96	97	98	98
R Willig Tire Distributions Inc	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Industrial Businesses and Commercial Businesses	208,898	228,508	229,865	232,079	233,477	234,896	236,336	237,793	239,273	240,776	242,303	243,854	245,432	247,036	248,667	250,327	252,016	253,736	255,487
HHW processor varies per contract	2	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Accurate IT Services (Electronics processor)	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
Organics (see Table 6-4(e) for facility list)	6,546	7,161	7,204	7,273	7,317	7,361	7,406	7,452	7,498	7,545	7,593	7,642	7,691	7,742	7,793	7,845	7,898	7,952	8,006
Total	239,736	262,250	263,808	266,349	267,953	269,582	271,234	272,907	274,605	276,330	278,082	279,863	281,673	283,514	285,386	287,291	289,230	291,203	293,213

Table 6-4(e) Waste Management Method: Composting

Facilities Used by District Name and Location (County & State)	Tons of District SW Managed																		
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Washington Compost Facility 1110 South Elm St Washington Court House, OH	2373	2,231	2,243	2,243	2,243	2,243	2,243	2,243	2,243	2,243	2,243	2,243	2,243	2,243	2,243	2,243	2,243	2,243	2,243
Fayette Co SW Compost 1580 Robinson Rd Washington Court House, OH	226	212	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213	213
Garick Corp Paygro Division 11000 Huntington Rd S. Charleston, OH*	717	674	678	678	678	678	678	678	678	678	678	678	678	678	678	678	678	678	678
Hauler Kroger/Walmart food waste data (Fayette County)	2150	2,022	2,032	2,032	2,032	2,032	2,032	2,032	2,032	2,032	2,032	2,032	2,032	2,032	2,032	2,032	2,032	2,032	2,032
City of Hillsboro 1520 N High Street Hillsboro, Ohio 45133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duncan Farms 10265 Old US Rt 62 Lessburg, OH	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Hauler Kroger/Walmart food waste data (Highland County)	229	215	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216
Pine Grove Regional Facility 5131 Drinkle Rd SW Amanda, OH	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
Pickaway Correctional Facility 11781 State Rte 762 Orient, OH	44	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
Pleasantview Farms 20361 Florence Chapel Pike Circleville, OH	260	244	246	246	246	246	246	246	246	246	246	246	246	246	246	246	246	246	246
Hauler Kroger/Walmart food waste data (Pickaway County)	162	152	153	153	153	153	153	153	153	153	153	153	153	153	153	153	153	153	153
Ross Correctional Facility 16149 St Rte 104 N Chillicothe, OH	49	46	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47
Hauler Kroger/Walmart food waste data (Ross County)	321	302	304	304	304	304	304	304	304	304	304	304	304	304	304	304	304	304	304
Totals	6,546	6,155	6,186	6,186	6,186	6,186	6,186	6,186	6,186	6,186	6,186	6,186	6,186	6,186	6,186	6,186	6,186	6,186	6,186

Source:
The total composted is from Table 6-1

C. Schedule for Facilities and Programs: New, Expansions, Closures, Continuations

Table 6-5, “Implementation Schedule for Facilities, Strategies, Programs and Activities: Dates and Description,” presents descriptions and dates of operation for each facility, program or activity presented in the Plan Update.

Table 6-5 Implementation Schedule for Facilities, Strategies, Programs and Activities: Dates and Description

Name of Facility, Strategy, Program or Activity (with Plan Section Reference)	Location (SWMD, County, City/Township)	Description of Program/Facility/Program Status	Approximate Date When the Following Will Take Place	
			Operations Begin	Operations Cease
Commercial/Industrial Sector TA and Education				
Commercial/Industrial Assistance	SWMD	The District will target at least one school a year to provide technical assistance to help implement a recycling program. The District will target one government entity to provide technical assistance to help implement a recycling program. The District will target four businesses a year to provide technical assistance (waste assessments, contract assistance, education, in-person meetings, etc.)	2018	Ongoing
		The District will host annual meetings for industrial facility contacts.	2018	Ongoing
Curbside Recycling, Non-Subscription				
South Bloomfield Curbside	South Bloomfield	Non-Subscription Curbside Recycling	2013	Ongoing
Ashville Curbside	Ashville	Non-Subscription Curbside Recycling	2014	Ongoing
Chillicothe Curbside	Chillicothe	Non-Subscription Curbside Recycling	2017	Ongoing
Drop-off Recycling				
Bloomingsburg Town Hall (62 Main Street)	Fayette County Paint Township	Full Time Recycling Drop-Off - Rural	2006	Ongoing
Jeffersonville (10 W High St – Detty’s Market)	Fayette County Jefferson Township	Full Time Recycling Drop-Off -Rural	2006	Ongoing
Milledgeville (850 Main St – Community Center)	Fayette County Jasper Township	Full Time Recycling Drop-Off - Rural	2006	Ongoing
Miami Trace High School (3722 St Rt 41 NW)	Fayette County Madison Township	Full Time Recycling Drop-Off - Rural	2015	Ongoing
Lynchburg (1505 US 50 & RT 134 – Terry’s Grocery)	Highland County Dodson Township	Full Time Recycling Drop-Off - Rural 1505 US 50 & RT 134	2007	Ongoing
Village of Lynchburg (Main Street RT 134)	Highland County Lynchburg	Full Time Recycling Drop-Off - Rural	2016	Ongoing
Mowrystown (138 W. Main Street)	Highland County White Oak Township	Full Time Recycling Drop-Off - Rural	2007	Ongoing
New Market Township (Rt 62 & New Market Rd – Seger’s)	Highland County New Market Township	Full Time Recycling Drop-Off - Rural	2007	Ongoing
Paint Township Building (12470 US 50)	Highland County Paint Township	Full Time Recycling Drop-Off - Rural	2016	Ongoing
Paint Township (Truck Stop)	Highland County Paint Township	Full Time Recycling Drop-Off - Rural	2015	2016
Leesburg (116 S Fairfield St)	Highland County Leesburg	Full Time Recycling Drop-Off - Rural	2016	Ongoing
Darbyville (SR 316 & Water Street)	Pickaway Township Muhlenberg Township	Full Time Recycling Drop-Off - Rural	2012	Ongoing

Name of Facility, Strategy, Program or Activity (with Plan Section Reference)	Location (SWMD, County, City/Township)	Description of Program/Facility/Program Status	Approximate Date When the Following Will Take Place	
			Operations Begin	Operations Cease
Mt Sterling (20635 Waterloo Road)	Pickaway County Deercreek Township	Full Time Recycling Drop-Off - Rural	2006	Ongoing
New Holland (17 N Church St)	Pickaway County Perry Township	Full Time Recycling Drop-Off - Rural	2006	Ongoing
Kingston (13190 State Route 56 - Salt Creek Intermediate School)	Pickaway County Salt Creek Township	Full Time Recycling Drop-Off - Rural	2016	Ongoing
Village of Williamsport (300 Ballard Ave)	Pickaway County Deercreek Township	Full Time Recycling Drop-Off - Rural	2015	2016
Bainbridge (103.5 West Fifth Street)	Ross County Paxton Township	Full Time Recycling Drop-Off - Rural	2006	Ongoing
Bourneville (11521 US Route 50)	Ross County Twin Township	Full Time Recycling Drop-Off - Rural	2007	Ongoing
Clarksburg (10823 Main St)	Ross County Deerfield Township	Full Time Recycling Drop-Off - Rural	2006	Ongoing
Frankfort (94 S. Main Street)	Ross County Concord Township	Full Time Recycling Drop-Off - Rural	2007	Ongoing
Adephi (11759 Market Street)	Ross County Colerain Twp	Full Time Recycling Drop-Off - Rural	2016	Ongoing
Richmond Dale (757 Jackson St)	Ross County Jefferson Twp	Full Time Recycling Drop-Off - Rural	2016	Ongoing
Washington Courthouse (1600 Robinson Rd - Fayette County Transfer Station)	Fayette County Washington Courthouse	Full Time Recycling Drop-Off - Urban	2006	Ongoing
Washington Courthouse (412 Rose Ave - Heritage Food Pantry)	Fayette County Washington Courthouse	Full Time Recycling Drop-Off - Urban	2016	Ongoing
Washington Courthouse (2100 Columbus Blvd - Family Home Center)	Fayette County Washington Courthouse	Full Time Recycling Drop-Off - Urban	2015	Ongoing
Washington Courthouse (Good Shepherd Lutheran Church)	Fayette County Washington Courthouse	Full Time Recycling Drop-Off - Urban	2019	Ongoing
Greenfield (950 N. Washington St - Sunoco)	Highland County Madison Township	Full Time Recycling Drop-Off - Urban	2012	Ongoing
Hillsboro (6537 Dunlap Rd - Brads)	Highland County Hillsboro	Full Time Recycling Drop-Off - Urban	2015	2016
Hillsboro (11070 St Rt 56 - Mini Mart)	Highland County Hillsboro	Full Time Recycling Drop-Off - Urban	Before 2015	Ongoing
Hillsboro (1575 North High Street - BMV)	Highland County Hillsboro	Full Time Recycling Drop-Off - Urban	2015	Ongoing

Name of Facility, Strategy, Program or Activity (with Plan Section Reference)	Location (SWMD, County, City/Township)	Description of Program/Facility/Program Status	Approximate Date When the Following Will Take Place	
			Operations Begin	Operations Cease
Hillsboro (CM Recycling - 131 Catherine Street)	Highland County Hillsboro	Full Time Recycling Drop-Off - Urban	2006	Ongoing
Hillsboro (489 E. Main Street - Sunoco)	Highland County Hillsboro	Full Time Recycling Drop-Off - Urban	2015	Ongoing
Hillsboro (39 Wilkesville Pike – Board of Education)	Highland County Hillsboro	Full Time Recycling Drop-Off - Urban	2016	Ongoing
Ashville (655 Circleville Ave –Teays Valley Middle School)	Pickaway County Harrison Township	Full Time Recycling Drop-Off - Urban	2007	Ongoing
Ashville (Lexington Park)	Pickaway County Harrison Township	Full Time Recycling Drop-Off - Urban	2006	2016
Circleville (Snap Fitness)	Pickaway County Circleville	Full Time Recycling Drop-Off - Urban	2016	Ongoing
Ohio Christian University	Pickaway County Circleville	Full Time Recycling Drop-Off - Urban	2015	Ongoing
Circleville (1097 US Highway 22 West – Rumpke Recycling)	Pickaway County Circleville	Full Time Recycling Drop-Off - Urban	2006	Ongoing
Circleville (1051 State Route 56 – Rhoads Market)	Pickaway County Circleville	Full Time Recycling Drop-Off - Urban	2008	Ongoing
Circleville (PICCA)	Pickaway County Circleville	Full Time Recycling Drop-Off - Urban	2015	Ongoing
Circleville (110 Island Dr – Pickaway County Services)	Pickaway County Circleville	Full Time Recycling Drop-Off - Urban	2016	Ongoing
Circleville (1410 N Court St – Bowling Alley)	Pickaway County Circleville	Full Time Recycling Drop-Off - Urban	2015	2016
Circleville (1410 W Main St – County Annex Building)	Pickaway County Circleville	Full Time Recycling Drop-Off - Urban	2016	Ongoing
Commercial Point (6752 State Route 762)	Pickaway County Scioto Township	Full Time Recycling Drop-Off - Urban	2006	Ongoing
Chillicothe (990 Eastern Chillicothe - Rumpke)	Ross County Chillicothe	Full Time Recycling Drop-Off - Urban	2006	Ongoing
Chillicothe (100 Mill Street - YMCA)	Ross County Chillicothe	Full Time Recycling Drop-Off - Urban	2012	2016

Name of Facility, Strategy, Program or Activity (with Plan Section Reference)	Location (SWMD, County, City/Township)	Description of Program/Facility/Program Status	Approximate Date When the Following Will Take Place	
			Operations Begin	Operations Cease
Chillicothe (946 SR 180 Zane Trace school bus station)	Ross County Chillicothe	Full Time Recycling Drop-Off - Urban	2015	Ongoing
Chillicothe (End of Blain Highway & Huntington Schools Softball Field)	Ross County Chillicothe	Full Time Recycling Drop-Off - Urban	2015	Ongoing
Chillicothe (212 Riverside Drive – Yoc'tangee Park)	Ross County Chillicothe	Full Time Recycling Drop-Off - Urban	2006	Ongoing
Chillicothe (1470 N Bridge St – K-mart)	Ross County Chillicothe	Full Time Recycling Drop-Off - Urban	2006	Ongoing
Chillicothe (Adena Park)	Ross County Chillicothe	Full Time Recycling Drop-Off - Urban	2015	Ongoing
Chillicothe (101 University Drive – OU Branch)	Ross County Chillicothe	Full Time Recycling Drop-Off - Urban	2008	Ongoing
Chillicothe (550 Buckeye Street – North Library)	Ross County Chillicothe	Full Time Recycling Drop-Off - Urban	2015	Ongoing
Electronics Collection				
Electronics Collection	SWMD	The District will develop a resource guide to donating and educate residents to benefits of utilizing these type of businesses.	2018	Ongoing
		Annual one-day collection events planned in each county.	Existing	Ongoing
Household Hazardous Waste				
HHW Collection	SWMD	Annual one-day District-wide collection events are planned.	2017	Ongoing
		Semi-permanent voucher system with private processor in neighboring SWMD.	2017	Ongoing
Other Programs				
Industrial Surveys	SWMD	Continue to increase relationships with industrial sector contacts/facilities to improve return on annual surveys.	Existing	Ongoing
Commercial Surveys	SWMD	Continue to work to increase relationships with commercial sector contacts/facilities to improve return on annual surveys.	Existing	Ongoing
Fayette County Sort Floor	SWMD	Assess effectiveness of program and work with Fayette County Engineers Office to improve or expand if feasible.	Existing	Ongoing
AbiBow LLC Fiber Collection	SWMD	District staff has coordinated with AbiBow LLC (formerly Abitibi Consolidated, Inc.) to place and service receptacles collecting various types of paper.	Existing	Ongoing
Partner with private sector to provide recycling	SWMD	District will maintain a list of recyclers and continue to work with private sector haulers.	Existing	Ongoing
Event Recycling	SWMD	The District will partner will local organizations to provide recycling at special events and festivals. Includes receiving grant funding to purchase recycling containers, recycling container loan program, target community events, and technical assistance.	2017	Ongoing

Name of Facility, Strategy, Program or Activity (with Plan Section Reference)	Location (SWMD, County, City/Township)	Description of Program/Facility/Program Status	Approximate Date When the Following Will Take Place	
			Operations Begin	Operations Cease
Promote Curbside Recycling	SWMD	District staff will continue to facilitate discussion and engagement with political jurisdiction stakeholders encouraging curbside recycling. A target of reaching 2 jurisdictions a year through in-person meetings is set.	2018	Ongoing
Reuse Network	SWMD	The District will develop a resource guide to donating and educate residents to benefits of utilizing these types of businesses.	2018	Ongoing
Promote Product Stewardship and Retailer Take-Back	SWMD	Webpage will identify retailer take-back programs. Product stewardship and producer responsibility will be promoted on social media.	2018	Ongoing
Tire Dump Cleanup	SWMD	The District partners with Ohio EPA utilizing the "Consensual Scrap Tire Removal" Program to clean up tire dumps when problems persist.	1999	Ongoing
Enforcement Strategy	SWMD	Partnerships to assist with environmental compliance issues will be explored.	2018	Ongoing
Health Department	SWMD	Efforts to bring the Health Departments together to strengthen hauler requirements and to assist with enforcement.	2018	Ongoing
County Revolving Fund	SWMD	The District provides a set fund of money to each county to be used for HB 592 programming. Typical expenses include costs for monitoring drop-off bins and cleaning contamination. This fund will also be used to implement the county office recycling programs.	Existing	Ongoing
Outreach and Education				
District Website and Social Media	SWMD	Frequent updates to webpage, expand resources on webpage, continue to utilize social media platforms.	2016	Ongoing
Education and Awareness of Household Hazardous Waste	SWMD	Add a dedicated HHW resource page on website.	Existing	Ongoing
Outreach/Education Specialists	SWMD	Maintain outreach specialists for each county. In Pickaway County where District offices are located, assistant will become full-time to provide outreach for Pickaway County. Outreach specialists will coordinate best practice sharing, education tours, presentations, and programs.	2018	Ongoing
		Special collection event flyers.	2018	Ongoing
		"What to Recycle" flyer.	2018	Ongoing
		District E-Newsletter.	2018	Ongoing
		Program promotions.	2018	Ongoing
		Attend community events to increase one-on-one contact within the county.	2018	Ongoing
		Assist community events in respective counties to develop recycling plans.	2018	Ongoing
		Write at least one article a year for publication in local newspapers.	2018	Ongoing
		Partner with cooperating agencies such as 4-H, OSU extension, SWC to expand messaging.	2018	Ongoing
		Assist local businesses to be recognized by Ohio EPA's Encouraging Environmental Excellence (E3) Program.	2018	Ongoing
		Develop a contest for elementary schools such as calendar art, reuse art, etc.	2018	Ongoing
Develop teacher workshops.	2018	Ongoing		
Scrap Tire Programs				

Name of Facility, Strategy, Program or Activity (with Plan Section Reference)	Location (SWMD, County, City/Township)	Description of Program/Facility/Program Status	Approximate Date When the Following Will Take Place	
			Operations Begin	Operations Cease
Scrap Tire Collection	SWMD	Annual scrap tire collection events are planned to be held in all four counties.	Existing	Ongoing
Economic Incentives				
Recycling Incentive Mini Grant	SWMD	Community, business and institutional grants will be available to businesses, government entities, non-profit organizations and education institutions interested in implementing a new recycling program or improving an existing program to support long-term recycling goals.	2017	Ongoing
Yard Waste Programs				
Organic Management Partnerships	SWMD	The District will continue to rely on cooperating agencies distribution of existing brochures and flyers on backyard composting and yard waste management. The District will explore in-vessel composting with institutions.	2018	Ongoing
Yard Waste Programs	SWMD	The District expects no changes to yard waste programs.	Existing	Ongoing

D. Identification and Designation of Facilities

The Ross Pickaway Highland Fayette County Solid Waste Management District will not be designating any facilities as part of this solid waste management plan. Table 6-6, “Facilities Identified and Current Designations” indicated any Ohio EPA permitted and licensed facility may have accepted waste from the District in the past and that may accept waste in the future. This list is not intended to be an endorsement of these facilities nor does it preclude the acceptance of waste at facilities that are not listed.

Table 6-6 Facilities Identified and Current Designations

Facilities Currently Identified
All Ohio EPA licensed and registered transfer facilities and landfills
Facilities Currently Designated
None

E. Authorization Statement to Designate

The Board of County Commissioners of the Ross Pickaway Highland Ross Solid Waste Management District is hereby authorized to establish facility designations in accordance with Section 343.014 of the Ohio Revised Code after this plan has been approved by the Director of the Ohio Environmental Protection Agency.

The District reserves the right to implement facility designations, and to adopt District rules concerning facility designations.

F. Waiver Process for the Use of Undesignated Facilities

If the Board of Directors establishes facility designation, any entity may request a waiver from the Board of Directors to allow solid waste to flow to undesignated facilities. The procedure for issuing a waiver to allow solid waste to flow to undesignated facilities has been developed in accordance with Section 343.01(1)(2) of the ORC.

The request must be in writing and state the name and location of the facility to which the waste is to be delivered, the tons of waste each year to be delivered, and the number of years or time period the alternate facility is to be used. The request will be sent to the RPHF District office, 15 N. Paint Street, Chillicothe, OH 45601 by certified mail to document the date of receipt of the request. The District Coordinator shall prepare a report for the Board concerning the effect of the waiver on:

1. Projections contained in the district's approved plan under Section 3734.53(A)(6) and (A)(7);
2. Funding implementation and financing of the District's approved plan; and
3. Other information the Board desires to know concerning the effects of the diversion of waste.

The Board shall act on the waiver request within 90 days of the receipt of the request.

Only after evaluating the waiver request and finding that: 1) it is not inconsistent with Plan projections, and 2) it will not adversely impact Plan implementation and financing, will the District issue a waiver allowing solid waste to be taken to an undesignated facility.

G. Siting Strategy for Facilities

The strategies provided for the District in this Plan do not include the construction of any facilities. Therefore, no siting strategies have been included.

H. Contingencies for Capacity Assurance and District Program Implementation

The District does not foresee any circumstance that would significantly limit the disposal or recycling capacity available for District waste.

The programs outlined in Section 5 and summarized in Table 6-5 are designed to set minimum standards for the recycling programs offered to the various sectors in the most financially feasible manner possible.

Section 7: Measurement of Progress Toward Waste Reduction Goals

The *1995 State Plan* mandates the District either demonstrate compliance with Goal #1 or Goal #2 of the *1995 State Plan*, or both Goal #1 and Goal #2.

Goal #1 of the 1995 State Plan: - “Ensure the availability of reduction, recycling, and minimization alternatives for municipal solid waste.” Solid waste management districts must demonstrate that the waste reduction, recycling, or minimization programs or activities in existence or scheduled to be implemented will be available by the year 2000 for a minimum of seven of the eleven materials identified in the 1995 State Plan as being highly amenable to recovery from municipal solid waste. Solid waste management districts are required to ensure that a minimum of ninety percent of the population of each residential sector service area in the district has access to recycling opportunities. Thus, this goal is often referred to as the “access goal” or the “90 percent access goal”.

The demonstration must also show that:

- Each sector of waste generators (residential and commercial/institutional) has access to recycling or other alternative management methods for at least four of the minimum seven materials designated by the district; and
- Generator’s participation in recycling and waste reduction is encouraged through district education efforts and financial incentives, or the district will investigate the feasibility of implementing financial incentives.

Goal #2 of the 2001 State Plan – “Reduce and/or recycle at least 50 percent of the total generation of solid wastes statewide by the year 2000.”

- Objective #1 – 25 percent waste reduction rate for the residential/commercial sector. Reduce, reuse, recycle, or minimize 25 percent of the generation of residential/commercial solid wastes by the year 2000.
- Objective #2 – 50 percent waste reduction rate for the industrial sector. Reduce or recycle 50 percent of the generation of industrial solid wastes by the year 2000.

A. District Will Comply with Goal(s) Identified

The District will demonstrate compliance with Goal #1.

The District is not able to demonstrate compliance with Goal #2 – Waste Reduction and Recycling Rates in the reference year, but programming throughout the planning period will seek to put the District closer to compliance for future plan updates.

B. Demonstration of Compliance with Goal #1

The District has chosen to demonstrate compliance with Goal #1 by providing recycling programming accessible to at least 90 percent of the population. The District is extremely close to attaining Goal #2

with a 23 percent residential/commercial waste reduction rate and a 66 percent industrial waste reduction rate. With the possible addition of some residential/commercial programs and better data gathering, the district is hopeful it will attain Goal #2 by the end of 2018 or 2019.

The District provides access to recycling opportunities to residents. Seven materials may be dropped off at sites throughout the District. These seven materials are shown in Table 7-1. In addition, there are cooperative efforts to divert additional materials by providing drop-off opportunities for paper (Abibow/Royal Oak) and textiles (Planet Earth/Goodwill), electronics, scrap tires and HHW. These additional opportunities are not factored in to the access goal, but increase recycling rates consistent with attaining Goal #2.

Table 7-1 Materials in the Municipal Solid Waste Stream That Are Highly Amenable to Recovery⁽¹⁾

Eleven Materials Highly Amenable to Recycling, etc.	Materials Designated for the Residential Sector	Materials Designated for the Commercial/Institutional Sector	Number of Times Material Selected
Corrugated cardboard	x	x	2
Office paper		x	1
Newspaper	x		1
Glass containers	x		1
Steel containers	x		1
Aluminum containers	x		1
Plastic containers		x	1
Wood Packaging		x	1
Lead-acid batteries			
Major appliances			
Yard wastes			
Totals	5	4	9

Source:

¹From the 1995 Plan Format

1. Residential

The service area for the District’s single-stream drop-off program encompasses all four counties in the District with a 2015 reference year population of approximately 205,873.

The District will demonstrate access as illustrated in Table 7-2. There are currently 2 curbside recycling programs operating in the District and another planned to begin in 2018. If a community begins a curbside program, the District may reduce the drop-off opportunities in the same service area.

Non-subscription curbside can take credit for the entire residential population that is serviced by a qualifying non-subscription curbside recycling service. Subscription curbside can take credit for 25 percent of the residential population that has the opportunity to subscribe to the curbside recycling service.

The drop-off sites are available to residents 24/7. The service frequency of 0.5-3 times per week is based upon the amount of use, volumes (number of containers) and distances. Sites have

between 1 to 7, 8 cubic yard containers. Some of the more distant locations are best served with 30 yd. roll-off containers and on-call servicing.

The configuration and number of sites are based upon default population values. Those values are 2,500 for rural drop-off sites and 5,000 for an urban drop-off site. At the time of the last Plan Update (2012), there were a couple private buy-back opportunities available to residents. However, those opportunities disappeared by the end of 2015. Drop-off recycling opportunities should remain constant throughout the planning period, and an increased effort will be made to add new curbside recycling services within the District.

The District’s demonstration of compliance with Goal #1 is presented in Table 7-2.

Table 7-2 Calculation of Access for Residential Sector – ROSS COUNTY

Program	Reference Year (2015)		Year 2019	
	2015 Population	2015 Population with Access	2019 Population	2019 Population with Access
Non-Subscription Curbside				
Chillicothe	no service	0	21,554	21,554
Subtotal Non-Subscription		0		21,554
Subscription Curbside				
none		0		0
Subtotal Subscription		0		0
Total Curbside Recycling		0		21,554
Full Service, Rural Drop-Off				
Bainbridge (103.5 West Fifth St)	2,234	2,500	2,231	2,500
Bourneville (11521 US Rt 50)	3,250	2,500	3,249	2,500
Clarksburg (10823 Main St)	1,056	2,500	1,055	2,500
Frankfort (94 S. Main St)	4,224	2,500	4,223	2,500
Adelphi (11759 Market Street)	no service	0	2,110	2,500
Richmond Dale (757 Jackson St)	no service	0	990	2,500
Total Full-Time Drop-Off		10,000		15,000
Full Service, Urban Drop-Off				
Chillicothe (990 Eastern Chillicothe - Rumpke)	21,727	5,000	21,554	5,000
Chillicothe (100 Mill St - YMCA)	21,727	5,000	no service	0
Chillicothe (946 SR 180 Zane Trace School bus station)	21,727	5,000	21,554	5,000
Chillicothe (End of Blain Highway and Huntington Schools Softball Field)	21,727	5,000	21,554	5,000
Chillicothe (212 Riverside Dr - Yoc'tangee Park)	21,727	5,000	21,554	5,000
Chillicothe (1470 N Bridge St - K-mart)	21,727	5,000	21,554	5,000
Chillicothe (Adena Park)	21,727	5,000	21,554	5,000
Chillicothe (101 University Dr - OU Branch)	21,727	5,000	21,554	5,000
Chillicothe (550 Buckeye St - North Library)	no service	0	21,554	5,000
Chillicothe (140 S Main St - Main Library)	no service	0	no service	0
Total Full-Time Drop-Off		35,000		40,000
Part-Time Drop-Off				
None	-	0	-	0
Total Part-Time Drop-Off		0		0
Total Drop-Off		45,000		55,000
Total Population With Access		45,000		76,554
Service Area Population		77,170		76,554
90 percent		69,453		68,899
Additional Population Needing Access		24,453		0
Access Percentage		58%		100%

Source:
2015 Population Ohio Development Services
2015 Population Table 5-1

Table 7-2 Calculation of Access for Residential Sector – PICKAWAY COUNTY

Program	Reference Year (2015)		Year 2019	
	2015 Population	2015 Population with Access	2019 Population	2019 Population with Access
Non-Subscription Curbside				
Ashville	4,190	4,190	4,257	4,257
South Bloomfield Village	1,851	1,851	2,710	2,710
Subtotal Non-Subscription		6,041		6,967
Subscription Curbside				
none		0		0
Subtotal Subscription		0		0
Total Curbside Recycling		6,041		6,967
Full Service, Rural Drop-Off				
Darbyville (SR 316 & Water St)	928	2,500	950	2,500
Mt Sterling (20635 Waterloo Rd)	1,748	2,500	1,783	2,500
New Holland (17 N Church St)	1,369	2,500	1,402	2,500
Kingston (13190 State Route 56 - Salt Creek Intermediate School)	no service	0	3,031	2,500
Village of Williamsport (300 Ballard Ave)	1,748	2,500	no service	0
Total Full-Time Drop-Off		10,000		10,000
Full Service, Urban Drop-Off				
Ashville (655 Circleville Ave - Teays Valley Middle School)	7,794	5,000	7,951	5,000
Ashville (Lexington Park)	7,794	5,000	no service	0
Circleville (Snap Fitness)	no service	0	14,136	5,000
Circleville (Ohio Christian University)	no service	0	14,136	5,000
Circleville (1097 US highway 22 West - Rumpke Recycling)	13,857	5,000	14,136	5,000
Circleville (1051 St Rt 56 - Rhoads Market)	13,857	5,000	14,136	5,000
Circleville (PICCA)	13,857	5,000	14,136	5,000
Circleville (110 Island Rd - Pickaway County Services)	no service	0	14,136	5,000
Circleville (1410 N Court St - Bowling Alley)	13,857	5,000	no service	0
Circleville (141 W Main St - County Annex Building)	no service	0	14,136	5,000
Commercial Point (6752 State Route 762)	10,059	5,000	10,140	5,000
Total Full-Time Drop-Off		35,000		45,000
Part-Time Drop-Off				
None	-	0	-	0
Total Part-Time Drop-Off		0		0
Total Drop-Off		45,000		55,000
Total Population With Access		51,041		61,967
Service Area Population		56,998		57,915
90 percent		51,298		52,124
Additional Population Needing Access		257		0
Access Percentage		90%		100%

Source:
 2015 Population Ohio Development Services
 2015 Population Table 5-1

Table 7-2 Calculation of Access for Residential Sector – HIGHLAND COUNTY

Program	Reference Year (2015)		Year 2019	
	2015 Population	2015 Population with Access	2019 Population	2019 Population with Access
Non-Subscription Curbside				
none		0		0
Subtotal Non-Subscription		0		0
Subscription Curbside				
none		0		0
Subtotal Subscription		0		0
Total Curbside Recycling		0		0
Full Service, Rural Drop-Off				
Lynchburg (1505 US 50 & Rt 134 - Terry's Grocery)	2,579	2,500	2,558	2,500
Village of Lynchburg (Main Street RT 134)	no service	0	2,558	2,500
Mowrystown (138 W Main St)	1,354	2,500	1,343	2,500
New Market Township (Rt 62 & New Market Rd - Seger's)	1,862	2,500	1,840	2,500
Paint Township Building (12470 US 50)	no service	0	4,385	2,500
Paint Township (Truck Stop)	4,474	2,500	no service	0
Leesburg (116 S Fairfield St)	no service	0	3,664	2,500
Total Full-Time Drop-Off		10,000		15,000
Full Service, Urban Drop-Off				
Greenfield (950 N Washington St - Sunoco)	6,653	5,000	6,600	5,000
Hillsboro (6537 Dunlap Rd - Brads)	6,557	5,000	no service	0
Hillsboro (11070 St Rt 56 - Mini Mart)	6,557	5,000	6,531	5,000
Hillsboro (1575 North High St - BMV)	6,557	5,000	6,531	5,000
Hillsboro (131 Catherine St - CM Recycling)	6,557	5,000	6,531	5,000
Hillsboro (489 E Main St - Sunoco)	6,557	5,000	6,531	5,000
Hillsboro (39 Wilkesville Pike - Board of Education)	no service	0	6,531	5,000
Total Full-Time Drop-Off		30,000		30,000
Part-Time Drop-Off				
None	-	0	-	0
Total Part-Time Drop-Off		0		0
Total Drop-Off		40,000		45,000
Total Population With Access		40,000		45,000
Service Area Population		43,026		42,683
90 percent		38,723		38,415
Additional Population Needing Access		0		0
Access Percentage		93%		100%

Source:
 2015 Population Ohio Development Services
 2015 Population Table 5-1

Table 7-2 Calculation of Access for Residential Sector – FAYETTE COUNTY

Program	Reference Year (2015)		Year 2019	
	2015 Population	2015 Population with Access	2019 Population	2019 Population with Access
Non-Subscription Curbside				
none		0		0
Subtotal Non-Subscription		0		0
Subscription Curbside				
none		0		0
Subtotal Subscription		0		0
Total Curbside Recycling		0		0
Full Service, Rural Drop-Off				
Bloomingsburg Town Hall (62 Main St)	1,942	2,500	1,919	2,500
Jeffersonville (10 W. High St - Detty's Market)	2,605	2,500	2,584	2,500
Milledgeville (850 Main St - Community Center)	737	2,500	731	2,500
Miami Trace High School (3722 State Route 41 NW)	1,105	2,500	1,092	2,500
Total Full-Time Drop-Off		10,000		10,000
Full Service, Urban Drop-Off				
Washington Courthouse (1600 Robinson Rd - Fayette County Transfer)	14,019	5,000	13,879	5,000
Washington Courthouse (412 Rose Ave - Heritage Food Pantry)	no service	0	13,879	5,000
Washington Courthouse (2100 Columbus Blvd - Family Home Center)	no service	0	13,879	5,000
Washington Courthouse (Good Lutheran Church)	no service	0	13,879	5,000
Total Full-Time Drop-Off		5,000		20,000
Part-Time Drop-Off				
None	-	0	-	0
Total Part-Time Drop-Off		0		0
Total Drop-Off		15,000		30,000
Total Population With Access		15,000		30,000
Service Area Population		28,679		28,450
90 percent		25,811		25,605
Additional Population Needing Access		10,811		0
Access Percentage		52%		100%

Source:
 2015 Population Ohio Development Services
 2015 Population Table 5-1

Education and Awareness

The District provides funds annually to each of the four counties to implement a solid waste and recycling outreach program. Each county employs a part-time outreach specialist to implement the outreach and education programs for their county. Over the years, there has been minimal District input on the level and consistency of each county program. As a result, there appears to be quite a disparity in program outreach activities.

The Outreach Specialists, Policy Committee and Board of Directors were surveyed in an effort to understand their thoughts on the effectiveness of the existing outreach program structure. Also, they were asked to evaluate 4 different outreach proposals and provide their thoughts on which proposed

outreach structure would best serve the District in the future (see **Appendix H Outreach Program Options/Surveys**). After reviewing this information and looking at several other SWMD Outreach programs, the District will continue with Outreach Specialists in each county. However, the Outreach Specialist in Pickaway County will also serve the role as District Assistant Coordinator. The District will establish minimum standards for each county's outreach efforts and enter into formal agreements with each set of county commissioners for accomplishing such. As such, the District has conveyed some minimum expectations for each county program, and will move forward with adopting more formal agreements with each county to ensure a more consistent and effective education and awareness effort. Also, the district will be slowly incorporating Format 4.0 education and awareness components into its programming in an effort to make few, if any, changes at the next 5 year Plan Update. See Section 5 for detailed information regarding the outreach program structure. Minimum Outreach Specialist program activities will include:

- Employ someone, for a minimum of 12 hours per week, to be the County & District's recycling and solid waste representative; i.e. maintain local office/phone/email and implement local and District programs.
- Maintain, and update at least twice a year, a "Where Can I Recycle This" list for county businesses and residents. Submit to District for uploading to District website.
- Plan and conduct a minimum of 2 special collection events (i.e., tires, electronics, HHW, community cleanups) for the residents of the county/District. The # of events will be determined by District budget and local needs and availability.
- Oversee the drop-off recycling program for the county, assuring that the county stays in compliance with the 90% access rate required by Ohio EPA; i.e., coordinate with site owners, District and recycling contractor, assure cleanliness of sites, find new sites if necessary.
- Assist the district in annually surveying local businesses in regard to the tonnages of materials they have recycled.
- Assist in gathering and analyzing data for updating the District's Solid Waste Management Plan.
- Plan, promote and conduct at least 2, local recycling and waste reduction presentations and activities to Ohio EPA Target Groups, i.e., community groups, special events, schools and institutions, commercial/industrial sector.
- Meet at least quarterly, with the RPHF staff and provide input on District programs and the District's Solid Waste Management Plan.
- Annually attend at least 1 Ohio EPA, OSWDO, OALPRP or other recycling/education training event
- Maintain and provide to District on a quarterly basis, timesheets and activity reports to support Outreach program activities.

The District's website continues to be the most up to date and accurate clearinghouse for District waste and recycling information. The website contains information on what and where to recycle, methods to recycle or dispose of difficult materials, HHW disposal information and alternatives, special event locations and schedules, local waste hauler information, transfer and landfill locations, commercial recyclers, business recycling survey information and various other recycling and waste reduction links. The website is updated regularly by District staff and contracted web consultants. Website information is publicized and included in all print and media advertisement.

Printed information on District recycling opportunities is distributed by county outreach specialists to residents using the county drop-off bins, to students, to local community groups, at the county fair, at special recycling collection events, to sister agencies such as Soil and Water Conservation District and OSU Extension, and are provided various “retail” establishments such as libraries and tourism offices.

Financial Incentives

In 2016, the District established a Recycling Incentive Mini-grant program to financially assist communities in increasing their recycling activities. The initial year of this program prioritized assistance to those interested in starting curbside recycling programs. As a result, the City of Chillicothe has submitted a grant proposal and was awarded an Ohio EPA grant to start a citywide curbside recycling program for its residents in fall of 2017.

The RPHF SWMD is a largely rural area with only one municipal trash collection program. Most city and village residents select waste collection services from a small list of private waste hauling companies. One company, Rumpke Waste and Recycling, provides the majority of the District’s waste collection services. The District will continue to work with the cities and villages within the District to pursue volume based trash services and curbside recycling for the residents in their communities. However, with relatively low, unlimited, monthly waste collection rates, it is somewhat difficult to convince local residents and/or elected officials to consider changing to a volume based/curbside recycling system.

2. Commercial/Institutional

The tables below illustrate the opportunities to recycle materials designated in Table 7-1. The District's drop-off program allows for cardboard and office paper recycling while appliances and lead-acid batteries have enough value that private recycling opportunities are readily available.

Cardboard/Mixed Paper Access Demonstration

Service Area	Recycling Opportunity
Ross County	Drop-offs, Rumpke, Royal Oak
Pickaway County	Drop-offs, Royal Oak
Highland County	Drop-offs, Royal Oak
Fayette County	Drop-offs

Glass/Steel/Aluminum/Plastic Container Access Demonstration

Service Area	Recycling Opportunity
Ross County	Drop-offs, Rumpke
Pickaway County	Drop-offs
Highland County	Drop-offs
Fayette County	Drop-offs

Scrap Tire Access Demonstration

Service Area	Recycling Opportunity
Ross County	Annual County Collection event, Sundown Tire
Pickaway County	Annual County Collection event, Fay. Transfer
Highland County	Annual County Collection event, Tire Discount
Fayette County	Annual County Collection event, Fay. Transfer

C. Calculating Goal #2, the Waste Reduction Rate (WRR)

The formula below is required by the *Format* to calculate the tons of waste reduction (TWR):

$$TWR_i = R_i + (C_i - NC_i) + (I_i - A_i) + RA_i \quad (1)$$

where:

- TWR_i = the Tons of Waste Reduction for year i
- R_i = tons of waste source reduced and Recycled in year i
- C_i = tons of waste Composted in year i
- NC_i = tons of Non-Compostables delivered for composting, separated for landfilling in year i
- I_i = tons of waste Incinerated in year i
- A_i = tons of incinerator Ash plus bypass waste in year i
- RA_i = tons of Recycled incinerator Ash in year i

The following formula should be used to estimate generation based upon disposal and waste reduction amounts:

$$EGDWR_i = TWR_i + DL_i \quad (2)$$

where:

- $EGDWR_i$ = Estimated Generation based upon Disposal plus Waste Reduction in year i
- DL_i = tons of waste Disposed in sanitary Landfills in year i

The waste reduction rate can be calculated by dividing the sum from equation (1) of equation (2):

$$WRR_i = \frac{TWR_i}{EGDWR_i} * 100$$

where:

- WRR_i = the Waste Reduction Rate in year i as a percent

Residential/commercial waste reduction rate calculations for 2015:

$$TWR_i = R_i + (C_i - NC_i) + (I_i - A_i) + RA_i$$

$$\begin{aligned} &= 34,114 \text{ tons} + (6,546 \text{ tons} + 0) + (0 - 0) + 0 \\ &= \mathbf{40,661 \text{ tons}} \end{aligned}$$

$$\mathbf{EGDWR_i = TWR_i + DL_i}$$

$$\begin{aligned} &= 40,661 \text{ tons} + 143,980 \text{ tons} \\ &= \mathbf{184,641 \text{ tons}} \end{aligned}$$

$$\mathbf{WRR_i = \frac{TWR_i}{EGDWR_i} * 100}$$

$$\begin{aligned} &= \frac{40,661 \text{ tons}}{184,641 \text{ tons}} * 100 \\ &= \mathbf{22.0\%} \end{aligned}$$

The waste reduction rate for the residential/commercial sector in the year 2015 is 22.0%. The reference year waste reduction rate and the rate for each year of the planning period are presented in Table 7-3. Exempt waste is excluded from these calculations. As shown in Table 7-3, the waste reduction rate continues to increase throughout the planning period.

Table 7-3 Annual Rate of Waste Reduction: Residential/Commercial Waste

Year	Recycling	Composting	Non-Compostables	Incineration	Ash and Bypass waste Produced	Volume Reduction from Incineration	Landfill	Tons Waste Reduction	Population	Waste Reduction Rate (%)	Per Capita Waste Reduction Rate (lb/day)
2015	34,114	6,546	0	0	0	0	143,980	40,661	205,873	22.02%	1.08
2016	27,263	6,155	0	0	0	0	152,083	33,418	205,803	18.02%	0.89
2017	27,881	6,186	0	0	0	0	152,299	34,067	205,735	18.28%	0.91
2018	29,478	6,186	0	0	0	0	151,573	35,665	205,668	19.05%	0.95
2019	30,135	6,186	0	0	0	0	151,792	36,322	205,603	19.31%	0.97
2020	30,812	6,186	0	0	0	0	151,997	36,999	205,539	19.58%	0.99
2021	31,510	6,186	0	0	0	0	152,187	37,696	205,477	19.85%	1.01
2022	32,223	6,186	0	0	0	0	151,418	38,410	205,416	20.23%	1.02
2023	32,959	6,186	0	0	0	0	150,628	39,145	205,357	20.63%	1.04
2024	33,717	6,186	0	0	0	0	149,816	39,903	205,300	21.03%	1.07
2025	34,499	6,186	0	0	0	0	148,983	40,685	205,244	21.45%	1.09
2026	35,305	6,186	0	0	0	0	148,126	41,492	205,189	21.88%	1.11
2027	36,138	6,186	0	0	0	0	147,244	42,324	205,136	22.33%	1.13
2028	36,996	6,186	0	0	0	0	146,338	43,182	205,084	22.79%	1.15
2029	37,882	6,186	0	0	0	0	145,406	44,069	205,034	23.26%	1.18
2030	38,797	6,186	0	0	0	0	144,446	44,983	204,986	23.75%	1.20
2031	39,742	6,186	0	0	0	0	143,458	45,928	204,939	24.25%	1.23
2032	40,717	6,186	0	0	0	0	142,441	46,904	204,894	24.77%	1.25
2033	41,725	6,186	0	0	0	0	141,393	47,911	204,850	25.31%	1.28

Source:

Recycling values taken from Table 6-2

Composting values taken from Table 6-2

Landfill values taken from Table 6-2

Populations values taken from Table 5-1

Sample Calculation:

2015 Tons Waste Reduction = Recycling + (Composting - Non Compostables) + (Incinerator Ash Recycled)

$$40,661 = 34,114 + (6,546 - 0) + 0$$

$$\text{Waste Reduction Rate} = \frac{\text{Tons of Waste Reduced}}{\text{(Tons of Waste Reduced + Tons of Waste Landfilled)}}$$

$$22.02\% = \frac{40,661}{(40,661 + 143,980)}$$

$$\text{Per Capita Waste Reduction Rate} = \frac{\text{Tons of Waste Reduced} \times 2000}{\text{(District Population} \times 365 \text{ days)}}$$

$$1.08 = \frac{40,661 \times 2,000}{(205,873 \times 365)}$$

Industrial waste reduction rate calculations for 2015:

$$\begin{aligned} \text{TWR}_i &= R_i + (C_i - \text{NC}_i) + (I_i - A_i) + \text{RA}_i \\ &= 5,891 \text{ tons} + (0 + 0) + (0 - 0) + 0 \\ &= \mathbf{205,622 \text{ tons}} \end{aligned}$$

$$\begin{aligned} \text{EGDWR}_i &= \text{TWR}_i + \text{DL}_i \\ &= 205,622 \text{ tons} + 51,720 \text{ tons} \\ &= \mathbf{257,342 \text{ tons}} \end{aligned}$$

$$\begin{aligned} \text{WRR}_i &= \frac{\text{TWR}_i}{\text{EGDWR}_i} * 100 \\ &= \frac{205,622 \text{ tons}}{257,342 \text{ tons}} * 100 \\ &= \mathbf{79.9\%} \end{aligned}$$

The waste reduction rate for the industrial sector in the year 2015 is 79.9%. Waste reduction rates and for each year of the planning period are calculated in Table 7-4. The waste reduction rate for the industrial sector is above the state target of 50%.

Table 7-4 Annual Rate of Waste Reduction: Industrial Waste

Year	Recycling	Composting	Landfill	Tons Waste Reduction	Population	Waste Reduction Rate (%)	Per Capita Waste Reduction Rate (lb/day)
2015	205,622	0	51,720	205,622	205,873	79.90%	5.47
2016	234,987	0	42,970	234,987	205,803	84.54%	6.26
2017	235,927	0	43,142	235,927	205,735	84.54%	6.28
2018	236,871	0	43,314	236,871	205,668	84.54%	6.31
2019	237,818	0	43,488	237,818	205,603	84.54%	6.34
2020	238,769	0	43,662	238,769	205,539	84.54%	6.37
2021	239,724	0	43,836	239,724	205,477	84.54%	6.39
2022	240,683	0	44,012	240,683	205,416	84.54%	6.42
2023	241,646	0	44,188	241,646	205,357	84.54%	6.45
2024	242,613	0	44,364	242,613	205,300	84.54%	6.48
2025	243,583	0	44,542	243,583	205,244	84.54%	6.50
2026	244,557	0	44,720	244,557	205,189	84.54%	6.53
2027	245,536	0	44,899	245,536	205,136	84.54%	6.56
2028	246,518	0	45,079	246,518	205,084	84.54%	6.59
2029	247,504	0	45,259	247,504	205,034	84.54%	6.61
2030	248,494	0	45,440	248,494	204,986	84.54%	6.64
2031	249,488	0	45,622	249,488	204,939	84.54%	6.67
2032	250,486	0	45,804	250,486	204,894	84.54%	6.70
2033	251,488	0	45,987	251,488	204,850	84.54%	6.73

Source:

Recycling values taken from Table 6-3

Composting values taken from Table 6-3

Landfill values taken from Table 6-3

Populations values taken from Table 5-1

Sample Calculation:

2015 Tons Waste Reduction = Recycling + (Composting - Non Compostables)

205,622 = 205,622 + 0

$$\text{Waste Reduction Rate} = \frac{\text{Tons of Waste Reduced}}{(\text{Tons of Waste Reduced} + \text{Tons of Waste Landfilled})}$$

$$79.9\% = \frac{205,622}{(205,622 + 51,720)}$$

$$\text{Per Capita Waste Reduction Rate} = \frac{\text{Tons of Waste Reduced} \times 2000}{(\text{District Population} \times 365 \text{ days})}$$

$$5.47 = \frac{205,622 \times 2,000}{(205,873 \times 365)}$$

Table 7-5 demonstrates the total District waste reduction rate for the reference year and the remaining years of the planning period.

Table 7-5 Annual Rate of Waste Reduction: Total District Solid Waste

Year	Recycling	Composting	Non-Compostables	Incineration	Ash and Bypass waste Produced	Volume Reduction from Incineration	Landfill	Tons Waste Reduction	Population	Waste Reduction Rate (%)	Per Capita Waste Reduction Rate (lb/day)
2015	239,736	6,546	0	0	0	0	235,831	246,283	205,873	51.08%	6.55
2016	262,250	6,155	0	0	0	0	235,184	268,405	205,803	53.30%	7.15
2017	263,808	6,186	0	0	0	0	235,572	269,994	205,735	53.40%	7.19
2018	266,349	6,186	0	0	0	0	235,018	272,535	205,668	53.70%	7.26
2019	267,953	6,186	0	0	0	0	235,411	274,140	205,603	53.80%	7.31
2020	269,582	6,186	0	0	0	0	235,790	275,768	205,539	53.91%	7.35
2021	271,234	6,186	0	0	0	0	236,155	277,421	205,477	54.02%	7.40
2022	272,907	6,186	0	0	0	0	235,560	279,093	205,416	54.23%	7.44
2023	274,605	6,186	0	0	0	0	234,946	280,791	205,357	54.44%	7.49
2024	276,330	6,186	0	0	0	0	234,312	282,516	205,300	54.66%	7.54
2025	278,082	6,186	0	0	0	0	233,655	284,268	205,244	54.89%	7.59
2026	279,863	6,186	0	0	0	0	232,977	286,049	205,189	55.11%	7.64
2027	281,673	6,186	0	0	0	0	232,274	287,860	205,136	55.34%	7.69
2028	283,514	6,186	0	0	0	0	231,548	289,700	205,084	55.58%	7.74
2029	285,386	6,186	0	0	0	0	230,796	291,573	205,034	55.82%	7.79
2030	287,291	6,186	0	0	0	0	230,017	293,477	204,986	56.06%	7.84
2031	289,230	6,186	0	0	0	0	229,211	295,416	204,939	56.31%	7.90
2032	291,203	6,186	0	0	0	0	228,376	297,390	204,894	56.56%	7.95
2033	293,213	6,186	0	0	0	0	227,511	299,399	204,850	56.82%	8.01

Source:

Recycling values taken from Table 6-1

Composting values taken from Table 61

Landfill values taken from Table 6-1

Populations values taken from Table 5-1

Sample Calculation:

Tons Waste Reduction = Recycling + (Composting - Non Compostables) + Incinerator Ash Recycled

$$246,283 = 239,736 + (6,546 - 0) + 0$$

$$\text{Waste Reduction Rate} = \frac{\text{Tons of Waste Reduced}}{(\text{Tons of Waste Reduced} + \text{Tons of Waste Landfilled})}$$

$$51.08\% = \frac{246,283}{(246,283 + 235,831)}$$

$$\text{Per Capita Waste Reduction Rate} = \frac{\text{Tons of Waste Reduced} \times 2000}{(\text{District Population} \times 365 \text{ days})}$$

$$6.55 = \frac{246,283 \times 2,000}{(205,873 \times 365)}$$

Section 8: Cost of Financing Plan Implementation

Ohio Revised Code Section 3734.53(B) requires a solid waste management plan to present a budget. This budget accounts for how the SWMD will obtain money to pay for operating the SWMD and how the SWMD will spend that money. For revenue, the solid waste management plan identifies the sources of funding the SWMD will use to implement its approved solid waste management plan. The plan also provides estimates of how much revenue the SWMD expects to receive from each source. For expenses, the solid waste management plan identifies the programs the SWMD intends to fund during the planning period and estimates how much the SWMD will spend on each program. The plan must also demonstrate that planned expenses will be made in accordance with ten allowable uses that are prescribed in ORC Section 3734.57(G).

Ultimately, the solid waste management plan must demonstrate that the SWMD will have adequate money to implement the approved solid waste management plan. The plan does this by providing annual projections for revenues, expenses, and cash balances.

If projections show that the SWMD will not have enough money to pay for all planned expenses or if the SWMD has reason to believe that uncertain circumstances could change its future financial position, then the plan must demonstrate how the SWMD will balance its budget. This can be done by increasing revenues, decreasing expenses, or some combination of both.

A. Funding Mechanisms

There are a number of mechanisms SWMDs can use to raise the revenue necessary to finance their solid waste management plans. Two of the most commonly used mechanisms are disposal fees and generation fees. These fees are often referred to as “statutory” fees because SWMDs’ authority to levy the fees is established in Ohio law.

A SWMD’s policy committee (or board of trustees for a regional solid waste authority) has the authority to establish fees. Before a SWMD can collect a generation or disposal fee, the SWMD’s policy committee must first obtain approval from local communities through a ratification process. That process is detailed in ORC Section 3734.57. Ratification allows communities in the SWMD to vote on whether they support levying the proposed fee. If enough communities ratify (i.e. approve), the proposed fee, then the SWMD can collect the fee.

In this section, all of the funding mechanisms expected to be used by the District and anticipated expenses are projected for each year of the planning period.

1. District Disposal Fees

(See Ohio Revised Code Section 3734.57(B)) Disposal fees are collected on each ton of solid waste that is disposed at landfills in the levying SWMD. There are three components, or tiers, to the fee. The tiers correspond to where waste was generated – in-district, out-of-district, and out-of-state. In-district waste is solid waste generated by counties within the levying SWMD and disposed at landfills in that SWMD. Out-of-district waste is solid waste generated in Ohio counties that are not part of the SWMD and disposed at landfills in the

SWMD. Out-of-state waste is solid waste generated in other states and disposed at landfills in the SWMD.

Ohio’s law prescribes the following limits on disposal fees:

- The in-district fee must be $\geq \$1.00$ and $\leq \$2.00$;
- The out-of-district fee must be $\geq \$2.00$ and $\leq \$4.00$; and
- The out-of-state fee must be equal to the in-district fee.

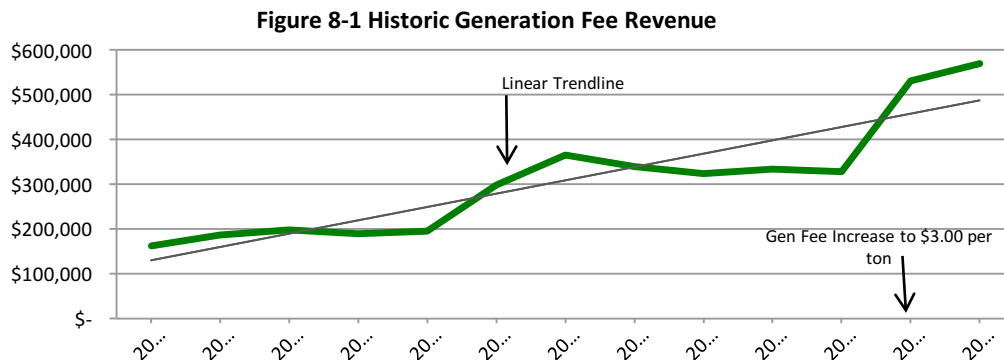
The District does not receive revenues from disposal fees. Table 8-1 is not applicable.

2. Generation Fee

(See Ohio Revised Code Section 3734.573) Generation fees are collected on each ton of solid waste that is generated within the levying SWMD and accepted at either a transfer facility or landfill located in Ohio. The fee is collected at the first facility that accepts the SWMD’s waste. The statute does not set minimum or maximum limits on the per ton amount for generation fees.

In accordance with ORC 3734.573, a solid waste management policy committee may levy fees on the generation of solid wastes within the district. In 2012, the District adopted and ratified a \$3.00 per ton generation fee effective January 1, 2013.

To forecast future revenues anticipated from the generation fee, the historic revenues were analyzed. As seen in Figure 8-1, “Historic Generation Fee Revenue”, generation fee revenues are steady demonstrating increases when fee increases are ratified and implemented.



The planning period generation fee revenues are predicted to remain flat. Estimated revenues are determined based on 5-year historic waste disposed averages.

Revenues expected from solid waste disposal fees are shown in Table 8-2 “Generation Fee Schedule and Revenues”. Revenues for years 2015 and 2016 are actual revenues based on District collected generation fees as reported in the quarterly fee reports. The District operates on a cash accounting basis, and, as a result, tonnages for fee tracking purposes are

not recorded until fee revenue is actually received from a landfill facility. Revenues projected for the planning period are calculated based on the historic calculated average.

To maintain financial solvency additional revenues to support District programming expenses are needed in year 2027. A \$1.00 generation fee increase would support planning period programs. Table 8-2 demonstrates the \$4.00 generation fee. The District is not ratifying a generation fee in this plan update. The District intends to re-evaluate its financial position and make decisions about fee increases as we prepare the next plan update.

Table 8-2 Generation Fee Schedule and Revenues

Year	Generation Fee	Amount of District Waste to be Disposed (tons)	Actual Generation Fee Revenue	Assumed Generation Fee Revenue
2015	\$3.00	189,197	\$567,591.93	
2016	\$3.00	191,658	\$574,973.57	
2017	\$3.00	191,842		\$575,525
2018	\$3.00	191,842		\$575,525
2019	\$3.00	191,842		\$575,525
2020	\$3.00	191,842		\$575,525
2021	\$3.00	191,842		\$575,525
2022	\$3.00	191,842		\$575,525
2023	\$3.00	191,842		\$575,525
2024	\$3.00	191,842		\$575,525
2025	\$3.00	191,842		\$575,525
2026	\$3.00	191,842		\$575,525
2027	\$4.00	191,842		\$767,366
2028	\$4.00	191,842		\$767,366
2029	\$4.00	191,842		\$767,366
2030	\$4.00	191,842		\$767,366
2031	\$4.00	191,842		\$767,366
2032	\$4.00	191,842		\$767,366
2033	\$4.00	191,842		\$767,366
2034	\$4.00	191,842		\$767,366
2035	\$4.00	191,842		\$767,366

Calculation:

Calculated 5-year waste disposal average = Sum of 5-year disposal / 5 years
 Sum of 5-year disposal includes data for the following years: 2011 + 2012 + 2013 + 2014 + 2015
 Sum of 5 year disposal = (169,512 + 197,408 + 209,097 + 187,491 + 195,700) = 959,208 tons
 191,842 tons = (959,208) / 5

3. Summary of District Revenues

Table 8-3, “Summary of Revenue Generated and Mechanisms Used,” includes all the funding mechanisms that will be used and the total amount of revenue generated by each method for each year of the planning period. The District’s primary funding mechanism is the generation fee. The District also receives alternate revenues from grants.

Table 8-3 Summary of Revenue Generated and Mechanisms Used

Year	Generation Fees ¹	User Fees	Grants	Total Revenue Generated
2015	\$567,592	\$4,241	\$0	\$571,833
2016	\$574,974	\$0	\$0	\$574,974
2017	\$575,525	\$0	\$34,440	\$609,965
2018	\$575,525	\$0	\$0	\$575,525
2019	\$575,525	\$0	\$0	\$575,525
2020	\$575,525	\$0	\$0	\$575,525
2021	\$575,525	\$0	\$0	\$575,525
2022	\$575,525	\$0	\$0	\$575,525
2023	\$575,525	\$0	\$0	\$575,525
2024	\$575,525	\$0	\$0	\$575,525
2025	\$575,525	\$0	\$0	\$575,525
2026	\$575,525	\$0	\$0	\$575,525
2027	\$767,366	\$0	\$0	\$767,366
2028	\$767,366	\$0	\$0	\$767,366
2029	\$767,366	\$0	\$0	\$767,366
2030	\$767,366	\$0	\$0	\$767,366
2031	\$767,366	\$0	\$0	\$767,366
2032	\$767,366	\$0	\$0	\$767,366
2033	\$767,366	\$0	\$0	\$767,366

Notes: Generation fee revenues from Table 8-2.
 Quarterly fee reports identify the \$4,241 as user fees

User fee revenues are shown for 2015 and grant revenues are shown for 2017. Since both of these revenue streams are uncertain they are not included during the planning period. The District will continue to pursue grants as they become available.

B. Cost of Plan Implementation

Table 8-5, “Estimated Cost for Plan Implementation,” includes a detailed breakdown of facilities, programs, and activities described previously throughout the Plan. The estimates are for planning purposes and to provide information concerning the activities of the District office and staff. Strategies will be continuously evaluated for progress. Any strategy that does not provide potential for achieving its goal will be dropped and other strategies not yet developed may be put into place. The District has the ability to adjust to rapidly changing conditions and laws in the solid waste field. In addition, true costs may vary as much as 50 percent (either more or less) for some of the estimates shown in Table 8-5.

Expenses shown in Table 8-5 are actual expenses incurred for 2015 and 2016. Expenses beyond 2016 are projected expenses. Expense categories and projections include:

- **Administration.** District staff expenses include Payroll, PERS, Medicare, Health Insurance, and Workers Compensation Insurance. The District employs a part-time District Coordinator and Administrative Assistant. In 2018 the part-time Administrative Assistant position will become full-time District Assistant Coordinator. In addition to administrative and District

duties the position will also assume Pickaway County outreach and education specialist duties.

Overhead expenses include telephone, postage, employee recognition, travel, and technology, advertising, memberships/periodicals, and utilities.

2015-2016 – Actual expenses.

2017- Annual increases are anticipated at 1.5 percent for salaries, PERS, Medicare, workers compensation, and health insurance.

2018-2033 – Includes salary increase to employ a full-time District Assistant Coordinator. Annual increases are anticipated at 1.5 percent for salaries, PERS, Medicare, workers compensation, and health insurance.

- **Drop-Off.** The District contracted with private services for 3 years to provide drop-off recycling containers and collection services.

2015-2016 – Actual expenses.

2017-2033 - Annual increases are anticipated at 3 percent based on the 2017 drop-off bid quotes received. The 3-year proposed contract increased costs 8 percent on front load containers and 10 percent on roll-off containers averaging approximately 2.6 percent annually.

- **Electronics Collection.** Expenses include third party contracts to collect and process electronics every year in each county.

2015-2016 – Actual expenses.

2017-2033 – Estimated costs are assumed to stay the same.

- **HHW Collection.** Expenses include third party contracts to collect and process HHW every year and to accommodate a voucher program with a business in a neighboring county.

2015-2016 – Actual expenses.

2017 – Estimated costs in 2017 are expected at \$15,000 based on vendor per vehicle estimates and voucher estimates.

2018-2033 – Estimated costs are reduced to \$10,000 annually and are assumed to stay the same. An annual event is expected to keep costs lower.

- **Industrial Surveys.** Expenses are included with District administration.
- **Commercial Surveys.** Expenses are included with District administration.
- **Fayette County Sort Floor.** Funding assistance by the District is not planned for this program.
- **AbiBow LLC Fiber Collection.** The District did not have expenses for use of the AbiBow Paper Retrievers.
- **Partner with private sector to provide recycling.** Expenses are expected to be included with District administration.

- **Event Recycling.** The District is estimating annual expenses to assist organizations to implement recycling programs at community events.
 2016 – Actual expenses.
 2017 – Expenses to purchase recycling carts for and implement event recycling at Pickaway County’s Pumpkin Show. Expenses are equivalent to grant funding received.
 2018-2033 – The District is budgeting assistance to stay the same annually.
- **Promote Curbside Recycling.** Expenses are expected to be included with District administration for staff facilitating discussions among stakeholders. The District is allocating funds to Recycling Incentive Mini-Grant to assist the promotion of curbside
- **Reuse Network.** Expenses are included with District administration.
- **Promote Product Stewardship and Retailer Take-Back.** Expenses are included with District administration.
- **Tire Dump Cleanup.** Funding assistance by the District is not planned for this program.
- **Health Department.** Estimated costs of \$2,000 annually beginning in 2019 are to help Health Departments in all four counties to develop stronger and consistent methods for haulers and to work with enforcement.
- **Enforcement Strategy.** A District goal is to develop an enforcement program to enforce open dumping laws.
 2018 – Costs are budgeted to purchase cameras for some of the drop-off locations.
 2019-2033 - Beginning in 2019 a budget of \$8,000 annually is estimated. Budgeting is based on an estimated 20 hours per month (240 hours per year) of law enforcement time needed. Assuming an overtime hourly base rate of \$30.57. If the allotted time is not needed, the District may utilize/purchase other open dumping tools such as cameras, barriers/fences, signs, site monitors, etc.
- **Commercial/Industrial Assistance.** Expenses for outreach engagement to the largest industrial facilities, the possibility of a District award program to recognize successful industrial recycling initiatives, and technical assistance incurred expenses (waste assessments, contract assistance, education, etc.).
 2016 – Actual expenses.
 2017-2033 – Estimated costs are assumed to stay the same.
- **District Website and Social Media.** Expenses for maintenance of website.
 2015-2016 – Actual expenses.
 2017-2033 – Estimated costs are assumed to stay the same. Costs also include promotional and advertisement costs for consistent messaging materials for all outreach/education specialists.
- **Education and Awareness of Household Hazardous Waste.** Expenses are included with District administration.

- **Outreach/Education Specialists.**
 2015-2016 – Actual expenses.
 2017 – Budgeted expenses of \$20,000 to each of the 4 county outreach specialists to perform outreach and education duties. Allocation includes part-time staff hourly costs and expenses.
 2018-2033 – Budgeted expenses of \$20,000 to Ross, Highland and Fayette County’s outreach/education specialists. Allocation includes part-time staff hourly costs, training and travel. Budgeted costs are assumed to stay the same through the planning period.
- **Scrap Tire Collection Events.** Expenses to hold scrap tire collection events every year in each county.
 2015-2016 – Actual expenses.
 2017-2033 – Estimated costs are assumed to stay the same.
- **Recycling Incentive Mini Grant.** For budgeting purposes, the program is maxed out at \$50,000 each year. Awarding grants annually to businesses, government entities, non-profit organizations and education institutions interested in implementing a new recycling program or improving an existing program to support long-term recycling goals. Grants will be awarded on a competitive basis. If grants are not awarded the money is not disbursed and contributes to the balance.
- **Organics Management Partnerships.** District anticipates any expenses are included with District administration. District staff will work with institutions over the planning period to explore management of food waste by conducting meetings, gathering technical data, seeking grant funds, etc.
- **Yard Waste Programs.** Funding assistance by the District is not planned for this program.
- **Litter Collection/Education.** Expenses for litter collection and education.
 2015-2016 – Actual expenses.
 2017-2033 – Estimated costs are assumed to stay the same.
- **County Revolving Fund.** The District provides a set fund of money to each county to be used for HB 592 programming. Typical expenses include costs for monitoring drop-off recycling containers and cleaning contamination. This fund will also be used to implement the outreach/education specialist programs. The District appropriates the money to each county but each county must request the funds before it is expended. The District approves or disapproves before expending the funds.

Revenues and expenses may change from projections anticipated in this Plan Update. Additional revenues are not expected, however, revenues could increase or decrease from what is projected. In the event additional revenues are received, and projected expenses remain within budgeted allowances, additional revenues may be added to the carryover balance.

Table 8-5 Estimated Costs for Plan Implementation

Description	2015	2016	2017	2018	2019	2020	2021
Administration							
Plan Monitoring & Prep Staff & Legal	\$12,307	\$22,980	\$10,000	\$0	\$0	\$0	\$0
District Staff	\$135,620	\$56,593	\$94,253	\$126,931	\$128,835	\$130,767	\$132,729
Office Overhead	\$7,748	\$10,779	\$10,962	\$11,149	\$11,338	\$11,531	\$11,727
Subtotal	\$155,675	\$90,353	\$115,215	\$138,079	\$140,173	\$142,298	\$144,456
Commercial/Industrial Assistance	\$0	\$2,418	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Drop-off	\$188,136	\$226,524	\$250,000	\$257,500	\$265,225	\$273,182	\$281,377
Electronics Collection	\$3,532	\$1,730	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500
HHW Collection	\$0	\$0	\$15,000	\$10,000	\$10,000	\$10,000	\$10,000
Industrial Surveys	costs absorbed in administration and Outreach/Education Specialists costs						
Commercial Surveys	costs absorbed in administration and Outreach/Education Specialists costs						
Fayette County Sort Floor	\$0	\$0	\$0	\$0	\$0	\$0	\$0
AbiBow LLC Fiber Collection	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Partner with private sector to provide recycling	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Event Recycling	\$0	\$5,748	\$34,440	\$2,500	\$2,500	\$2,500	\$2,500
Promote Curbside Recycling	costs absorbed in administration and Outreach/Education Specialists costs						
Reuse Network	costs absorbed in administration and Outreach/Education Specialists costs						
Promote Product Stewardship and Retailer Take-Back	costs absorbed in administration and Outreach/Education Specialists costs						
Tire Dump Cleanup	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Health Department	\$0	\$0	\$0	\$0	\$2,000	\$2,000	\$2,000
Enforcement Strategy	\$0	\$0	\$0	\$3,500	\$8,000	\$8,000	\$8,000
Outreach/Education Specialists	\$32,202	\$92,136	\$80,000	\$60,000	\$60,000	\$60,000	\$60,000
District Website and Social Media	\$6,782	\$8,040	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000
Education and Awareness of Household Hazardous Waste	costs absorbed in district website and social media						
Scrap Tire Collection Events	\$11,451	\$19,563	\$20,000	\$20,000	\$15,000	\$15,000	\$15,000
Recycling Incentive Mini Grant	\$0	\$0	\$50,000	\$50,000	\$35,000	\$35,000	\$35,000
Organics Management Partnerships	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Yard Waste Programs	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Litter Collection/Education	\$492	\$691	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
County Revolving Fund	\$114	\$0	\$0	\$60,000	\$60,000	\$60,000	\$60,000
Subtotal	\$242,709	\$356,848	\$464,440	\$478,500	\$472,725	\$480,682	\$488,877
Totals	\$398,384	\$447,201	\$579,655	\$616,579	\$612,898	\$622,980	\$633,333

Table 8-5 Estimated Costs for Plan Implementation

Description	2022	2023	2024	2025	2026	2027
Administration						
Plan Monitoring & Prep Staff & Legal	\$22,980	\$10,000	\$0	\$0	\$0	\$0
District Staff	\$134,720	\$136,740	\$138,791	\$140,873	\$142,986	\$145,131
Office Overhead	\$11,926	\$12,129	\$12,335	\$12,545	\$12,758	\$12,975
Subtotal	\$169,626	\$158,870	\$151,127	\$153,418	\$155,745	\$158,107
Commercial/Industrial Assistance	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Drop-off	\$289,819	\$298,513	\$307,468	\$316,693	\$326,193	\$335,979
Electronics Collection	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500
HHW Collection	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Industrial Surveys	costs absorbed in administration and Outreach/Education Specialists costs					
Commercial Surveys	costs absorbed in administration and Outreach/Education Specialists costs					
Fayette County Sort Floor	\$0	\$0	\$0	\$0	\$0	\$0
AbiBow LLC Fiber Collection	\$0	\$0	\$0	\$0	\$0	\$0
Partner with private sector to provide recycling	\$0	\$0	\$0	\$0	\$0	\$0
Event Recycling	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Promote Curbside Recycling	costs absorbed in administration and Outreach/Education Specialists costs					
Reuse Network	costs absorbed in administration and Outreach/Education Specialists costs					
Promote Product Stewardship and Retailer Take-Back	costs absorbed in administration and Outreach/Education Specialists costs					
Tire Dump Cleanup	\$0	\$0	\$0	\$0	\$0	\$0
Health Department	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Enforcement Strategy	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000
Outreach/Education Specialists	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
District Website and Social Media	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000
Education and Awareness of Household Hazardous Waste	costs absorbed in district website and social media					
Scrap Tire Collection Events	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
Recycling Incentive Mini Grant	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000
Organics Management Partnerships	\$0	\$0	\$0	\$0	\$0	\$0
Yard Waste Programs	\$0	\$0	\$0	\$0	\$0	\$0
Litter Collection/Education	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
County Revolving Fund	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
Subtotal	\$497,319	\$506,013	\$514,968	\$524,193	\$533,693	\$543,479
Totals	\$666,945	\$664,883	\$666,095	\$677,611	\$689,438	\$701,586

Table 8-5 Estimated Costs for Plan Implementation

Description	2028	2029	2030	2031	2032	2033
Administration						
Plan Monitoring & Prep Staff & Legal	\$22,980	\$10,000	\$0	\$0	\$0	\$0
District Staff	\$147,308	\$149,518	\$151,761	\$154,037	\$156,348	\$158,693
Office Overhead	\$13,196	\$13,420	\$13,648	\$13,880	\$14,116	\$14,356
Subtotal	\$183,484	\$172,938	\$165,409	\$167,917	\$170,464	\$173,049
Commercial/Industrial Assistance	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Drop-off	\$346,058	\$356,440	\$367,133	\$378,147	\$389,492	\$401,177
Electronics Collection	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500
HHW Collection	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Industrial Surveys	costs absorbed in administration and Outreach/Education Specialists costs					
Commercial Surveys	costs absorbed in administration and Outreach/Education Specialists costs					
Fayette County Sort Floor	\$0	\$0	\$0	\$0	\$0	\$0
AbiBow LLC Fiber Collection	\$0	\$0	\$0	\$0	\$0	\$0
Partner with private sector to provide recycling	\$0	\$0	\$0	\$0	\$0	\$0
Event Recycling	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Promote Curbside Recycling	costs absorbed in administration and Outreach/Education Specialists costs					
Reuse Network	costs absorbed in administration and Outreach/Education Specialists costs					
Promote Product Stewardship and Retailer Take-Back	costs absorbed in administration and Outreach/Education Specialists costs					
Tire Dump Cleanup	\$0	\$0	\$0	\$0	\$0	\$0
Health Department	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Enforcement Strategy	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000
Outreach/Education Specialists	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
District Website and Social Media	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000
Education and Awareness of Household Hazardous Waste	costs absorbed in district website and social media					
Scrap Tire Collection Events	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
Recycling Incentive Mini Grant	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000
Organics Management Partnerships	\$0	\$0	\$0	\$0	\$0	\$0
Yard Waste Programs	\$0	\$0	\$0	\$0	\$0	\$0
Litter Collection/Education	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
County Revolving Fund	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
Subtotal	\$553,558	\$563,940	\$574,633	\$585,647	\$596,992	\$608,677
Totals	\$737,043	\$736,878	\$740,042	\$753,565	\$767,456	\$781,726

C. Funds Allocated from ORC 3734.57(B), ORC 3734.572 and ORC 37334.573

Ohio's law authorizes SWDs to spend revenue on 10 specified purposes (often referred to as the 10 allowable uses). All of the uses are directly related to managing solid waste or for dealing with the effects of hosting a solid waste facility. The 10 uses are as follows:

1. Preparing, monitoring, and reviewing implementation of a solid waste management plan.
2. Implementing the approved solid waste management plan.
3. Financial assistance to approved boards of health to enforce Ohio's solid waste laws and regulations.
4. Financial assistance to counties for the added costs of hosting a solid waste facility.
5. Sampling public or private wells on properties adjacent to a solid waste facility.
6. Inspecting solid wastes generated outside of Ohio and disposed within the SWMD.
7. Financial assistance to boards of health for enforcing open burning and open dumping laws, and to law enforcement agencies for enforcing anti-littering laws and ordinances.
8. Financial assistance to approved boards of health for operator certification training.
9. Financial assistance to municipal corporations and townships for the added costs of hosting a solid waste facility that is not a landfill.
10. Financial assistance to communities adjacent to and affected by a publicly-owned landfill when those communities are not located within the SWMD or do not host the landfill.

In most cases, the majority of a SWMD's budget is used to implement the approved solid waste management plan (allowable use 2). Allowable use 2 authorizes SWMDs to spend money for a wide range of purposes. Furthermore, there are many types of expenses that a solid waste management district incurs to implement a solid waste management plan. Examples include: salaries and benefits; purchasing and operating equipment (such as collection vehicles and drop-off containers); operating facilities (such as recycling centers, solid waste transfer facilities, and composting facilities); offering collection programs (such as yard waste and scrap tires); providing outreach and education; providing services (such as curbside recycling services); and paying for community clean-up programs.

Conversely, Ohio's law provides narrow definitions for how a SWMD can spend money in accordance with the other nine uses. For example, allowable use 4 authorizes a SWMD to give a county money to compensate the county for costs it incurs because it hosts a solid waste facility. The SWMD can give the county money for maintaining roads and public facilities impacted by the solid waste facility and for providing emergency and other public services. Those are the only ways a SWMD can spend money under allowable use 4.

Table 8-6, "Revenues and Allocations in Accordance with ORC 3734.57, ORC 3734.572 and ORC 3734.573," summarizes the types of expenses the SWD expects for implementation of this Plan Update.

Table 8-6 Revenues and Allocations in Accordance with ORC 3734.57, ORC 3734.572, and ORC 3734.573

Year	Total Annual Revenue (\$)	Allocations of ORC 3734.57 and ORC 3734.573 Revenue For the Following Purposes:											Cumulative Balance	
		1	2	3	4	5	6	7	8	9	10	Total Budget Allocation (\$)		
													\$668,131	
2015	\$571,833	\$12,307	\$386,077	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$398,384	\$841,580
2016	\$574,974	\$22,980	\$424,220	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$447,201	\$969,353
2017	\$609,965	\$10,000	\$569,655	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$579,655	\$999,663
2018	\$575,525	\$0	\$616,579	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$616,579	\$958,608
2019	\$575,525	\$0	\$612,898	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$612,898	\$921,235
2020	\$575,525	\$0	\$622,980	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$622,980	\$873,780
2021	\$575,525	\$0	\$633,333	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$633,333	\$815,971
2022	\$575,525	\$22,980	\$643,965	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$666,945	\$724,551
2023	\$575,525	\$10,000	\$654,883	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$664,883	\$635,194
2024	\$575,525	\$0	\$666,095	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$666,095	\$544,623
2025	\$575,525	\$0	\$677,611	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$677,611	\$442,537
2026	\$575,525	\$0	\$689,438	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$689,438	\$328,623
2027	\$767,366	\$0	\$701,586	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$701,586	\$394,404
2028	\$767,366	\$22,980	\$714,063	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$737,043	\$424,728
2029	\$767,366	\$10,000	\$726,878	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$736,878	\$455,216
2030	\$767,366	\$0	\$740,042	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$740,042	\$482,540
2031	\$767,366	\$0	\$753,565	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$753,565	\$496,342
2032	\$767,366	\$0	\$767,456	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$767,456	\$496,252
2033	\$767,366	\$0	\$781,726	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$781,726	\$481,893

Notes: Total Annual Revenues include carry over revenues from prior years beginning in 2011 as shown in Table 8-8

- 1- Preparation and monitoring of plan implementation.
- 2- Implementation of approved plan.
- 3- Financial assistance to boards of health for solid waste enforcement.
- 4- Financial assistance to defray the costs of maintaining roads and other public services related to the location or operation of solid waste facilities.
- 5- Contracts with boards of health for collecting and analyzing samples from water wells adjacent to solid waste facilities.
- 6- Out-of-state waste inspection program.
- 7- Financial assistance to local boards of health to enforce ORC 3734.03 or to local law enforcement agencies having jurisdiction within the District for anti-littering.
- 8- Financial assistance to local boards of health for employees to participate in Ohio EPA’s training and certification program for solid waste operators and facility inspectors.
- 9- Financial assistance to local municipalities and townships to defray the added cost of roads and services related to the operation of solid waste facilities.
- 10- Payment of any expenses that are agreed to awarded or ordered to be paid under section 3745.35 of the Revised Code and any administrative costs incurred pursuant to that section.

D. Contingent Funding

The SWMD does not anticipate the need to identify any type of contingent funding or financing that would be necessary to fund any type of program activity in conjunction with Plan implementation efforts.

E. Summary of Costs and Revenues

In Table 8-8, “Summary of District Revenues and Expenditures,” the expected annual revenues followed by the annual costs for each facility, program, or activity for each year of the planning period are entered. The annual net revenues for each year have been determined previously and are given in Table 8-3. This section is considered a part of the implementation schedule required

in accordance with ORC Section 3734.53 (A)(12). Because the District operates no facilities, Table 8-5 and Table 8-8 are similar.

Table 8-8 Summary of District Revenues and Expenditures

	2015	2016	2017	2018	2019	2020	2021
Beginning Balance	\$668,131	\$841,580	\$969,353	\$999,663	\$958,608	\$921,235	\$873,780
Revenues							
Generation Fee Revenues	\$567,592	\$574,974	\$575,525	\$575,525	\$575,525	\$575,525	\$575,525
Grants	\$4,241	\$0	\$34,440	\$0	\$0	\$0	\$0
Subtotal Revenue	\$571,833	\$574,974	\$609,965	\$575,525	\$575,525	\$575,525	\$575,525
Expenditures							
Administration	\$155,675	\$90,353	\$115,215	\$138,079	\$140,173	\$142,298	\$144,456
Commercial/Industrial Assistance	\$0	\$2,418	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Drop-off	\$188,136	\$226,524	\$250,000	\$257,500	\$265,225	\$273,182	\$281,377
Electronics Collection	\$3,532	\$1,730	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500
HHW Collection	\$0	\$0	\$15,000	\$10,000	\$10,000	\$10,000	\$10,000
Industrial Surveys	costs absorbed in administration and Outreach/Education Specialists costs						
Commercial Surveys	costs absorbed in administration and Outreach/Education Specialists costs						
Fayette County Sort Floor	\$0	\$0	\$0	\$0	\$0	\$0	\$0
AbiBow LLC Fiber Collection	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Partner with private sector to provide recycling	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Event Recycling	\$0	\$5,748	\$34,440	\$2,500	\$2,500	\$2,500	\$2,500
Promote Curbside Recycling	costs absorbed in administration and Outreach/Education Specialists costs						
Reuse Network	costs absorbed in administration and Outreach/Education Specialists costs						
Promote Product Stewardship and Retailer Take-Back	costs absorbed in administration and Outreach/Education Specialists costs						
Tire Dump Cleanup	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Health Department	\$0	\$0	\$0	\$0	\$2,000	\$2,000	\$2,000
Enforcement Strategy	\$0	\$0	\$0	\$3,500	\$8,000	\$8,000	\$8,000
Outreach/Education Specialists	\$32,202	\$92,136	\$80,000	\$60,000	\$60,000	\$60,000	\$60,000
District Website and Social Media	\$6,782	\$8,040	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000
Education and Awareness of Household Hazardous Waste	costs absorbed in district website and social media						
Scrap Tire Collection Events	\$11,451	\$19,563	\$20,000	\$20,000	\$15,000	\$15,000	\$15,000
Recycling Incentive Mini Grant	\$0	\$0	\$50,000	\$50,000	\$35,000	\$35,000	\$35,000
Organics Management Partnerships	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Yard Waste Programs	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Litter Collection/Education	\$492	\$691	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
County Revolving Fund	\$114	\$0	\$0	\$60,000	\$60,000	\$60,000	\$60,000
Total Expenditures	\$398,384	\$447,201	\$579,655	\$616,579	\$612,898	\$622,980	\$633,333
Difference	\$173,449	\$127,773	\$30,310	-\$41,055	-\$37,373	-\$47,455	-\$57,808
Total Ending Balance	\$841,580	\$969,353	\$999,663	\$958,608	\$921,235	\$873,780	\$815,971

Table 8-8 Summary of District Revenues and Expenditures

	2022	2023	2024	2025	2026	2027
Beginning Balance	\$815,971	\$724,551	\$635,194	\$544,623	\$442,537	\$328,623
Revenues						
Generation Fee Revenues	\$575,525	\$575,525	\$575,525	\$575,525	\$575,525	\$767,366
Grants	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal Revenue	\$575,525	\$575,525	\$575,525	\$575,525	\$575,525	\$767,366
Expenditures						
Administration	\$169,626	\$158,870	\$151,127	\$153,418	\$155,745	\$158,107
Commercial/Industrial Assistance	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Drop-off	\$289,819	\$298,513	\$307,468	\$316,693	\$326,193	\$335,979
Electronics Collection	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500
HHW Collection	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Industrial Surveys	costs absorbed in administration and Outreach/Education Specialists costs					
Commercial Surveys	costs absorbed in administration and Outreach/Education Specialists costs					
Fayette County Sort Floor	\$0	\$0	\$0	\$0	\$0	\$0
AbiBow LLC Fiber Collection	\$0	\$0	\$0	\$0	\$0	\$0
Partner with private sector to provide recycling	\$0	\$0	\$0	\$0	\$0	\$0
Event Recycling	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Promote Curbside Recycling	costs absorbed in administration and Outreach/Education Specialists costs					
Reuse Network	costs absorbed in administration and Outreach/Education Specialists costs					
Promote Product Stewardship and Retailer Take-Back	costs absorbed in administration and Outreach/Education Specialists costs					
Tire Dump Cleanup	\$0	\$0	\$0	\$0	\$0	\$0
Health Department	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Enforcement Strategy	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000
Outreach/Education Specialists	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
District Website and Social Media	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000
Education and Awareness of Household Hazardous Waste	costs absorbed in district website and social media					
Scrap Tire Collection Events	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
Recycling Incentive Mini Grant	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000
Organics Management Partnerships	\$0	\$0	\$0	\$0	\$0	\$0
Yard Waste Programs	\$0	\$0	\$0	\$0	\$0	\$0
Litter Collection/Education	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
County Revolving Fund	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
Total Expenditures	\$666,945	\$664,883	\$666,095	\$677,611	\$689,438	\$701,586
Difference	-\$91,420	-\$89,358	-\$90,571	-\$102,086	-\$113,913	\$65,781
Total Ending Balance	\$724,551	\$635,194	\$544,623	\$442,537	\$328,623	\$394,404

Table 8-8 Summary of District Revenues and Expenditures

	2028	2029	2030	2031	2032	2033
Beginning Balance	\$394,404	\$424,728	\$455,216	\$482,540	\$496,342	\$496,252
Revenues						
Generation Fee Revenues	\$767,366	\$767,366	\$767,366	\$767,366	\$767,366	\$767,366
Grants	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal Revenue	\$767,366	\$767,366	\$767,366	\$767,366	\$767,366	\$767,366
Expenditures						
Administration	\$183,484	\$172,938	\$165,409	\$167,917	\$170,464	\$173,049
Commercial/Industrial Assistance	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Drop-off	\$346,058	\$356,440	\$367,133	\$378,147	\$389,492	\$401,177
Electronics Collection	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500
HHW Collection	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Industrial Surveys	costs absorbed in administration and Outreach/Education Specialists costs					
Commercial Surveys	costs absorbed in administration and Outreach/Education Specialists costs					
Fayette County Sort Floor	\$0	\$0	\$0	\$0	\$0	\$0
AbiBow LLC Fiber Collection	\$0	\$0	\$0	\$0	\$0	\$0
Partner with private sector to provide recycling	\$0	\$0	\$0	\$0	\$0	\$0
Event Recycling	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Promote Curbside Recycling	costs absorbed in administration and Outreach/Education Specialists costs					
Reuse Network	costs absorbed in administration and Outreach/Education Specialists costs					
Promote Product Stewardship and Retailer Take-Back	costs absorbed in administration and Outreach/Education Specialists costs					
Tire Dump Cleanup	\$0	\$0	\$0	\$0	\$0	\$0
Health Department	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Enforcement Strategy	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000
Outreach/Education Specialists	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
District Website and Social Media	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000
Education and Awareness of Household Hazardous Waste	costs absorbed in district website and social media					
Scrap Tire Collection Events	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
Recycling Incentive Mini Grant	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000
Organics Management Partnerships	\$0	\$0	\$0	\$0	\$0	\$0
Yard Waste Programs	\$0	\$0	\$0	\$0	\$0	\$0
Litter Collection/Education	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
County Revolving Fund	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
Total Expenditures	\$737,043	\$736,878	\$740,042	\$753,565	\$767,456	\$781,726
Difference	\$30,324	\$30,488	\$27,324	\$13,802	-\$89	-\$14,359
Total Ending Balance	\$424,728	\$455,216	\$482,540	\$496,342	\$496,252	\$481,893

This page intentionally left blank.

Section 9: District Rules

A. Existing Rules

The RPHF District is currently authorized under ORC Section 343.01(G) to adopt rules:

- prohibiting or limiting the receipt of waste generated outside the District; governing the maintenance, protection, and use of solid waste collection, transfer, disposal, recycling, or resource recovery facilities;
- governing a program to inspect out-of-state waste; and
- exempting an owner or operator of a solid waste facility from compliance with local zoning requirements.

No rules are currently in effect within the District.

B. Proposed Rules

The approved district plan for rule-making activity does not put rules into effect in the District. Once Ohio EPA approves the amended plan, the District must proceed with formal rule-making procedures. Procedures at the local level which usually include a public hearing, public comment period, and a resolution adopted by the Board of Directors in order for a new rule to go into effect.

During the period covered by this Plan the Board of Directors is hereby authorized to adopt rules:

- prohibiting or limiting the receipt of waste generated outside the District; governing the maintenance, protection, and use of solid waste collection, transfer, disposal, recycling, or resource recovery facilities;
- governing a program to inspect out-of-state waste; and
- exempting an owner or operator of a solid waste facility from compliance with local zoning requirements.

This page intentionally left blank.

APPENDIX A

Resolution Establishing the Ross Pickaway Highland Fayette Solid Waste Management District

(None required. District has not reconfigured since previous plan.)

This page intentionally left blank.

APPENDIX B

Public Notices and Comments

This page intentionally left blank.

NOTICE OF PUBLIC COMMENT PERIOD AND PUBLIC HEARING

The Ross Pickaway Highland Fayette Solid Waste Management District (RPHFSWMD) is establishing a 30-day written comment period (October 26, 2017, until November 25, 2017) on the draft solid waste management plan (Ohio Revised Code Section 3734.55). RPHFSWMD has prepared a solid waste plan as required by Section 3734.54 of the Ohio Revised Code.

The solid waste plan includes a solid waste facility inventory, projections and strategies, facilities and programs to be used, an analysis of progress made toward achieving state waste reduction goals, and costs to finance the plan. This plan is an update to a plan previously written by the RPHFSWMD and includes descriptions of the following programs: commercial/industrial sector recycling assistance; residential recycling initiatives including drop-off and curbside recycling programs; recycling incentive grants; recycling opportunities for scrap tires, household hazardous wastes, and electronics; yard waste and composting informational programs; Health Department enforcement of open dumps and other solid waste related issues; recycling statistics/data collection programs; recycling and solid waste outreach programs and partnerships, including utilization of District website and social media.

The plan includes a demonstration of access to capacity that determines there is more than fifteen years of landfill capacity available to the RPHFSWMD. The plan authorizes the Board of County Commissioners to establish facility designations in accordance with Section 343.014 of the Ohio Revised Code.

RPHFSWMD currently funds programs largely through waste generation fees received from transfer stations and landfills accepting solid waste generated within the RPHFSWMD.

The draft plan will be available for public review beginning October 26, 2017 at the following locations:

RPHF SWMD Office - 141 W. Main St., Suite 400 Circleville, Ohio 43113

Ross Co Library – 140 S Paint St., Chillicothe, **Ross Co. Commissioner's** – 2 N. Paint St., Chillicothe

Pickaway Co Library - 1160 N. Court St., Circleville **Pickaway Co. Commissioners** – 139 W. Franklin St., Circleville

Highland Co. Library – 10 Willetsville Pike, Hillsboro **Highland Co. Commissioners** - 119 Governor Foraker Pl., Hillsboro

Fayette Co (Carnegie) Library – 127 S. North St., Washington Court House **Fayette Co. Commissioners**, 133 S. Main St., Suite 401, Washington Court House

Also, the draft plan can be viewed on the District's website at: rphfsolidwastedistrict.com, under **ABOUT**.

Comments on the draft plan will be accepted by the Ross Pickaway Highland Fayette Solid Waste Policy Committee for a thirty (30) day period extending from October 26, 2017 until November 25, 2017. During this period, anyone may comment on the draft plan by forwarding their comments, in writing, to: RPHF SWMD Office, 141 W. Main St., Suite 400, Circleville, Ohio 43113

A public hearing will be held at 11:00 am, on November 30, 2017 at the RPHF Solid Waste District Office, located at 141 W Main St., Suite 400, Circleville, Ohio 43113.

APPENDIX C

Resolutions and Certification Statement

This page intentionally left blank.

**Resolution Adopting
Ross Pickaway Highland Fayette Joint Solid Waste Management 2018 Plan**

A resolution declaring that the amended Solid Waste Management Plan for the Ross Pickaway Highland Fayette Joint Solid Waste Management District has been adopted.

WHEREAS, the District completed the draft amended Solid Waste Management Plan and submitted it to the Ohio Environmental Protection Agency for review and comment on June 12, 2017, and the Ohio Environmental Protection Agency provided comments in a non-binding advisory opinion on July 28, 2017;

WHEREAS, this Solid Waste Management District Policy Committee has reviewed the non-binding advisory opinion received from the Ohio Environmental Protection Agency and taken into consideration these comments, incorporating changes into the amended Plan where necessary;

WHEREAS, the Solid Waste Management District conducted a 30-day public comment period from October 26 - November 25, 2017 and held a public hearing November 30, 2017, to provide the public an opportunity to have input in this Plan, and;

WHEREAS, the Solid Waste Management District incorporated minor changes as a result of Policy Committee and staff review;

NOW, THEREFORE, BE IT RESOLVED that the Solid Waste District Policy Committee of Ross Pickaway Highland Fayette Solid Waste Management District:

1. Adopts the amended Plan for the Ross Pickaway Highland Fayette Solid Waste Management District; and
2. Certifies that, to the best of our knowledge and belief, the statements, demonstrations, and all accompanying materials that comprise the District's Plan, and availability of and access to sufficient solid waste management facility capacity to meet the solid waste management needs of the District for the 15-year period covered by the Plan, are accurate and are in compliance with the requirements of the state *Solid Waste Management Plan Format*, version 3.0.
3. Directs that copies of the adopted Plan be delivered to the Board of County Commissioners and to the legislative authority of each municipal corporation and township under the jurisdiction of the District for ratification.

Motion made by W. Long & seconded by Bairton

Voting for the Resolution

Voting Against the Resolution

County Commissioner Representative – Ross County

17-7-17

– Ross County

Trustee Representative – Ross County

Industrial/Institutional Representative – Ross County

Sector/General Interest rep. – Ross County

Public Sector/General Interest rep. – Ross County

Health Commissioner Representative. – Ross County

– Pickaway County

12-07-17

– Pickaway County

Township Trustee Representative – Pickaway County

– Pickaway County

rep. – Pickaway County

12/7/17

W

Q W

Public Sector/G

p. – Pickaway County

CITIZEN

Health

ve – Pickaway County

s

– Highland County

Municipal Representative – Highland County

Township Trustee – Highland County

12-7-1

Representative – Highland County

12- 1

Public Sector/General Interest rep. – Highland County

12-7-

Public – Highland County

Health – Highland County

Representative – Fayette County

Municipal Representative – Fayette

Trustee Representative – Fayette County

Representative – Fayette County

Public S Interest rep. – Fayette County

Public /General Interest rep. – Fayette County

Health – Fayette County

2 Total votes resolution: 20 Total votes AGAINST the resolution: 0

ATTEST: ,

Ross Pickaway Highland Fayette Solid Waste District,

17

Certification Statement for the Draft Plan

We as members of Ross Pickaway Highland Fayette SWMD Policy Committee do hereby certify that to the best of our knowledge and belief, the statements, demonstrations and all accompanying materials that comprise the draft District Solid Waste Management Plan Update (2018-2033), and the availability of and access to sufficient solid waste management facility capacity to meet the solid waste management needs of the District for the fifteen year period covered by the Plan Update are accurate and in compliance with the requirements in the District Solid Waste Management Plan Format, version 3.0.

ROSS COUNTY

Representing the County Commissioners Date Signed

Representing the Largest City Date Signed

Representing the Health Department Date Signed

Representing the Public Utilities Date Signed

Representing Industrial Generators Date Signed

Representing the Public Date Signed

Representing Citizen Date Signed

7
12/7/2017
12-7-17

Pickaway County

County Commissioners Date Signed 12-7-17

Representing the Largest City Date Signed 12-07-17

Representing the Health Department Date Signed

Representing Townships Date Signed

Supervisors Date Signed 12

Representing the Date Signed

M. Allison B. Whitehead 12/17/2017
Representing Citizen Date Signed

Highland County

County Commissioners Signed

Representing the Largest City Date Signed

Representing the Health Department Date Signed 2-2017
Fayette

Representing Townships

Date Signed

Representing Industrial Generators

Date Signed

Representing the Public

Date Signed

17

17

12-7-2017

d

H

12/7/17

2-7-1

D
Dith J. Mannick

12-7-17

141 WEST MAIN STREET, SUITE 400, CIRCLEVILLE, OH 43113

PHONE: 740.420.5452

FAX: 740.420.5455

MINUTES OF POLICY COMMITTEE MEETING

June 1, 2017

A meeting of the Ross, Pickaway, Highland, Fayette Joint Solid Waste District Policy Committee Meeting was held on June 1, 2017 at 11:30 a.m., in the Center for Economic Opportunity, 101 E East St, Washington CH, OH.

The following members were in attendance:

Tony Anderson	Fayette
Tim Mitchel	Fayette
Rick Garrison	Fayette
Terry Britton	Highland
Phillip Lutton	Highland
Chuck Williams	Highland
Phil Loudin	Highland
Heidi Devine	Highland
Don Sherman	Pickaway
Kelly Dennis	Pickaway
Darwin Whitehead	Pickaway
Jacki Landau	Pickaway
Paul Flory	Pickaway
Judi Mannion	Ross (District)
Ben Avery	Ross
Jim Hatfield	Ross
Katherine Wiedeman	Ross
Ron Fields	Ross

Also in attendance:

Tom Davis	District Coordinator
Erica Tucker	Secretary to the Board
Jamie Zawila	RRS
Ernie Stahl	Ohio EPA

CALL TO ORDER: A quorum was determined by roll call. Visitors were introduced

DISTRICT UPDATE: Mr. Davis gave an update about the three grants the district had applied for at the beginning of the year. Two of the three grants were approved. The Pumpkin Show recycling grant, and the Chillicothe curbside grant was awarded. The third was the surveillance camera grant to monitor the heavily dumped sites. That grant was not awarded by the OEPA, however the district plans on moving forward with getting a camera at one of the sites and working with the local Sheriff's department and County on prosecution once the person is caught.

ROLL CALL VOTE ON THE DRAFT PLAN: All committee members in attendance voted, yes and approved the draft plan to be submitted to the Ohio EPA. There was a quorum at the time of the vote.

NEXT MEETING: The district will send an email out to schedule a meeting once the draft plan comes back with comments from the Ohio EPA.

Meeting adjourned by Chairman Sherman at approximately 1:00pm

Respectfully

A large blue rectangular redaction box covers the signature of the Chairman.

an, Chairman

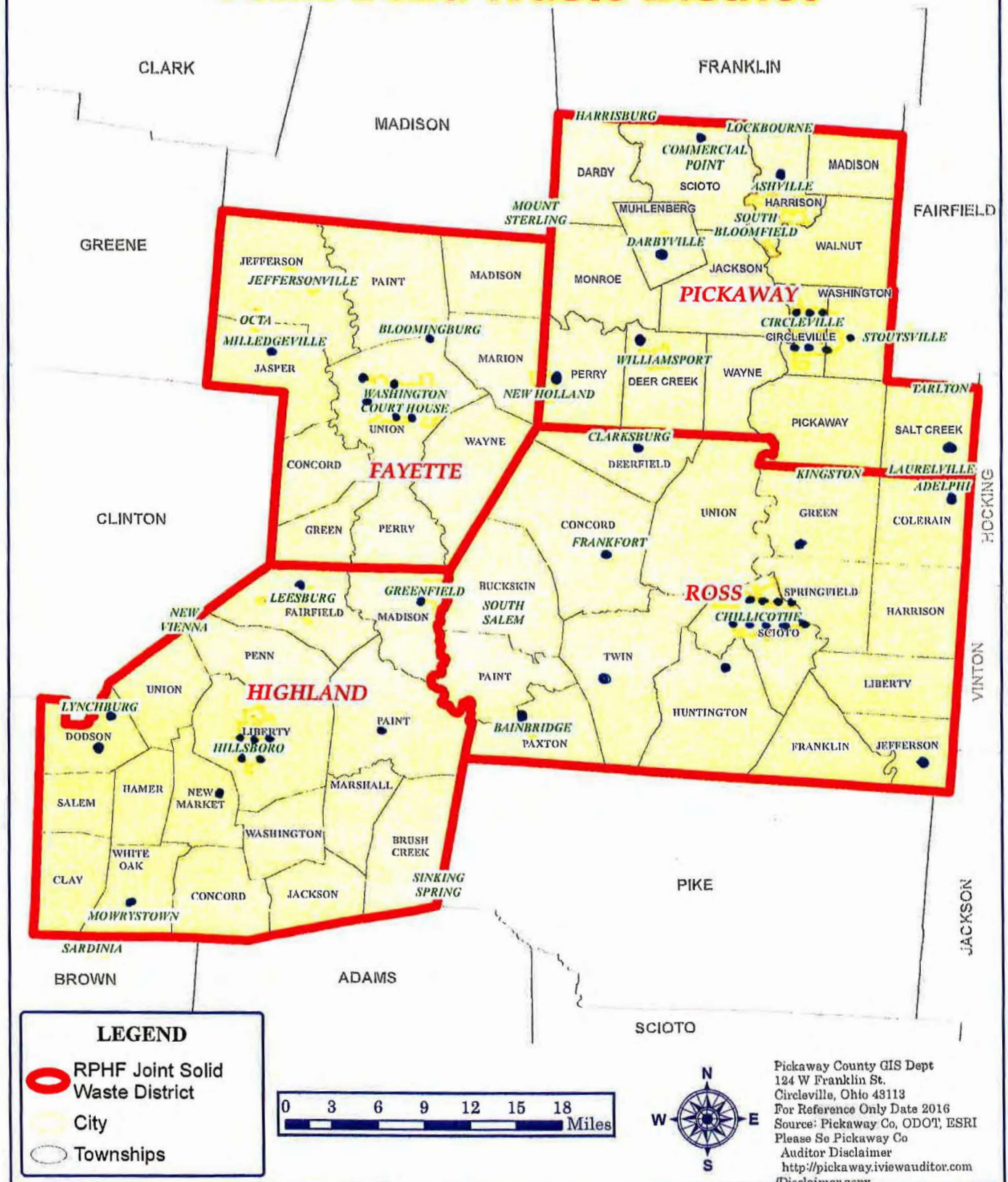
6/7/17
Date of approval

APPENDIX D

District Map

This page intentionally left blank.

Ross, Pickaway, Highland, Fayette Joint Solid Waste District



• * MAY 2016 Drop-off recycling locations (49)

This page intentionally left blank.

APPENDIX E

Blank Solid Waste Survey

This page intentionally left blank



Dear Commercial Business,

Thank you for completing this survey. The information you provide for your company is crucial to monitoring the Ross, Pickaway, Highland, Fayette Solid Waste Management District’s progress towards achieving Ohio’s recycling goals. Your information will be combined with information submitted by other businesses and used to calculate the amount of material commercial businesses recycled in the Ross, Pickaway, Highland, Fayette Solid Waste Management District and Ohio in 2016. Your company’s survey response **will not** be reported individually; all data will be summarized by the North American Industry Classification System (NAICS) category.

For assistance completing this form or any questions related to the survey, please contact Tom Davis, the Ross, Pickaway, Highland, Fayette Solid Waste Management District’s Coordinator, at tdavis@pickaway.org or (740) 420-5452.

Please complete and submit this survey no later than 4/17/2017.

Options for Returning the Completed Survey

- Email directly to Tom Davis at tdavis@pickaway.org, Subject Line: 2016 Commercial Survey
- Fax to (740) 420-5455, Attention: Tom Davis
- Mail to Tom Davis at 141 West Main Street, Suite 400, Circleville, Ohio 43113

Instructions for Table A:

Please provide all information requested in **Table A** below. Even if your business does not currently recycle or is unable to report quantities of materials recycled, please complete **Table A**. Doing so will allow the Ross, Pickaway, Highland, Fayette Solid Waste Management District to contact you in the future to discuss your recycling needs.

Table A: Company Information		
Name:	County:	Store I.D.
Address:	City:	Zip:
Contact Person:	Title:	
Email:	Telephone Number (include area code): () —	
Primary NAICS:	Secondary NAICS:	Number of full-time employees:
Would you like to be contacted by your local solid waste management district for recycling assistance? <input type="checkbox"/> Yes <input type="checkbox"/> No		

Instructions for completing Table B:

Table B provides a list of common materials that are recycled by commercial businesses in Ohio. Please indicate the unit of each quantity of material that is reported (pounds, tons or cubic yards). Provide any comments related to each material as necessary. Please do not report any liquid waste, hazardous waste or construction & demolition debris.

The list in **Table B** is not all-inclusive. If your business recycles a material that is not listed in **Table B**, please enter the name and quantity of that material on a line labeled **“Other.”** Some materials may not apply to your operation. Some of the listed materials are broad categories. For example, “Plastics” includes plastics #1-7, plastic films etc. Please refer to the **“Materials Cheat Sheet”** attached to this document for examples of materials and definitions.

If you do not currently track this information internally, your solid waste hauler or recycling processor may be able to provide it upon request. The Ross, Pickaway, Highland, Fayette Solid Waste Management District may also be able to provide you with assistance.

Table B: Quantities of Recycled Materials			
Recyclable Material Category	Amount Recycled in 2016	Units	Name of hauler or processor that takes the material/ other Comments
Lead-Acid Batteries		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Food		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Glass		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Ferrous Metals		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Non-Ferrous Metals		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Corrugated Cardboard		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
All Other Paper		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Plastics		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Textiles		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Wood		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Rubber		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Commingled Recyclables		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Yard Waste		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Other:		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Other:		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Other:		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Other:		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Other:		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Other:		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Other:		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Other:		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	

Table C: Please provide any additional information, comments, suggestions, questions etc.

Thank you again for taking the time to complete this survey. Please contact Tom Davis with any questions.

Tom Davis, Coordinator
 Ross, Pickaway, Highland, Fayette Solid Waste Management District
 Phone: (740) 420-5452
 Email: tdavis@pickaway.org



Dear Industrial Facility,

Thank you for completing this survey. The information you provide for your company is crucial to monitoring the Ross, Pickaway, Highland, Fayette Solid Waste Management District's progress towards achieving Ohio's recycling goals. Your information will be combined with information submitted by other businesses and used to calculate the amount of material industrial businesses recycled in the Ross, Pickaway, Highland, Fayette Solid Waste Management District and Ohio, in 2016. Your company's survey response **will not** be reported individually; all data will be summarized by each North American Industry Classification System (NAICS) category.

For assistance completing this form or any questions related to the survey, please contact Tom Davis, the Ross, Pickaway, Highland, Fayette Solid Waste Management District's Coordinator, at tdavis@pickaway.org or (740) 420-5452.

Please complete and submit this survey no later than 4/17/2017.

Options for Returning the Completed Survey

- Email directly to Tom Davis at tdavis@pickaway.org, Subject Line: 2016 Industrial Survey
- Fax to (740) 420-5455: Attention: Tom Davis
- Mail to Tom Davis at 141 West Main Street, Suite 400, Circleville, Ohio 43113

Instructions for Table A:

Please provide all information requested in **Table A** below. Even if your business does not currently recycle or is unable to report quantities of materials recycled, please complete **Table A**. Doing so will allow the Ross, Pickaway, Highland, Fayette Solid Waste Management District to contact you in the future to discuss your recycling needs.

Table A: Company Information		
Name:	County:	
Address:	City:	Zip:
Contact Person:	Title:	
Email:	Telephone Number (include area code): () —	
Primary NAICS:	Secondary NAICS:	Number of full-time employees:
Would you like to be contacted by your local solid waste management district for recycling assistance? <input type="checkbox"/> Yes <input type="checkbox"/> No		

Instructions for completing Table B:

Table B provides a list of common materials that are recycled by industrial facilities in Ohio. Please indicate the unit of each quantity of material that is reported (pounds, tons or cubic yards). Provide any comments related to each material as necessary. Please do not report any liquid waste, hazardous waste or construction & demolition debris.

The list in **Table B** is not all-inclusive. If your facility recycles a material that is not listed in **Table B**, please enter the name and quantity of that material on a line labeled **"Other."** Some materials may not apply to your operation; simply enter "0" for those materials. Some of the materials are listed in broad categories. For example, "Plastics" include plastics #1-7, plastic films, etc. Please refer to the **"Materials Cheat Sheet"** attached to the end of this document for examples of materials and definitions.

If you do not currently track this information internally, your solid waste hauler or recycling processor may be able to provide it upon request. The Ross, Pickaway, Highland, Fayette Solid Waste Management District may also be able to provide you with assistance.

Table B: Quantities of Recycled Materials			
Recyclable Material Category	Amount Recycled in 2016	Units	Name of hauler or processor that takes the material/other comments
Food		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Glass		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Ferrous Metals		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Non-Ferrous Metals		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Corrugated Cardboard		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
All Other Paper		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Plastics		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Textiles		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Wood		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Rubber		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Commingled Recyclables		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Ash (recycled ash only)		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Non-Excluded Foundry		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Flue Gas Desulfurization		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Other:		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Other:		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Other:		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Other:		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Other:		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Other:		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	
Other:		<input type="checkbox"/> lbs. <input type="checkbox"/> tons <input type="checkbox"/> yd ³	

Table C: Please provide any additional information, comments, suggestions, questions etc.

Thank you again for taking the time to complete this survey. Please contact Tom Davis with any questions.

Tom Davis, Coordinator
 Ross, Pickaway, Highland, Fayette Solid Waste Management District
 Phone: (740) 420-5452
 Email: tdavis@pickaway.org

APPENDIX F

**Residential/Commercial and Industrial Recycling Data -
Survey Results**

This page intentionally left blank.

Industrial survey Data 2016

NAICS Numb	Food	Glass	Ferr Metal	NF Metal	OCC	Paper	Plasti	Text	Wood	Rub/Tires	Comm Recy	Sludge	Lime	Knots	Elect	Batt	YW	Fglas	stone	TOTAL	
1422												0									0
1429						0.1													7500		7500.1
2761			0.7	1.4	10.3	198	1.9														
3495				6.5	10	5	0.5		21.25							0.004					43.254
3711			828.36	86.73	1994.7	15.29	247.92		3133.8	7.57	1.26				22.59		6.1	22			6366.32
3953			2.6	16																	18.6
322100			1.06	4.27	1067	10675	94.13		2.97		1.39										11,845.82
322121			351	1	600	7635	17		54291			107956	580	972	8						172,411
322211																					0
332999			60	25	0.2	0.25			4												89.45
333241			58.9	2.57	7.55	6.17	2.48		28.7		0.27										106.64
336399			4881.1	287.67	35.5	0.26	6.1		6.1							1.1					5217.83
336330			45.8	0.34	177.32		1.7		475.2	29.5					0.77						730.63
423120			88.1	8.8	393.5	1.44	44.2		18.29												
42			327.24																		327.24
23			111.61	1.21						4											116.82
51					1	1															2
54									3												
			6756.47	441.49	4297.07	18537.51	415.93	0	57984.31	41.07	2.92	107956	580	972	31.36	1.104	6.1	22	7500		
																TOTAL		TONS			204,775.70

Commercial Survey Data 2016

NAICS	L.A. Batt	Food	Glass	Ferr Metal	NF Metal	OCC	Paper	Plasti	Textil	Wood	Rubb Tires	Comm Recy	Yard Waste	Used Oil	Grease	C&DD	E Waste	TOTAL
	0.25			2	0.25						0.5			1				4
4451						670	0.65	39										709.65
4451						48	1.3	7.2							1.1			57.6
						10.8	143.47											154
4451						55		2										57
	2			1.2							2.5							5.7
						41.56												41.56
						10.39												10.39
						20.78												20.78
						20.78												20.78
441310	16.23					3.2		0.11						2.48				22.02
441310	28.2					3.2		0.11						1.15				32.66
441310	18.23					3.2		0.11						10.33				31.87
441310	14.24					3.2		0.11						3.77				21.32
441310	37					3.2		0.11						7.42				47.73
441310	35					6								11.3				52.3
441310	35					5.6								1.8				42.4
441310	37.5					6.3								3.3				47.1
441310	35					5.8								6.8				47.6
441310	35					5.3								7.1				47.4
		1991.1		48.82	0.95	49.11		256.29										2346.27
					0.18	8.56												8.74
441310	1.82													0.21				2.03
441310	23.1													1.23				24.33
441310	14.62													1.54				16.16
441310	25.4													1.836				27.236
				5.65						11.06				4				20.71

NAICS	L.A. Batt	Food	Glass	Ferr Metal	NF Metal	OCC	Paper	Plasti	Textil	Wood	Rubb Tires	Comm Recy	Yard Waste	Used Oil	Grease	C&DD	E Waste	TOTAL	
				4														4	
	1				3						3							7	
622110	0.68		0.5	62.86		11.84	74.86			60		32.5	175		1.78	749	14.54	1183.56	
				0.3			0.025											0.325	
	500																		
	860.27	1991.1	0.5	124.83	4.38	991.82	220.305	305.04	0	71.06	6	32.5	175	65.266	2.88	749	14.54		
																		TOTAL	5,114.49

This page intentionally left blank.

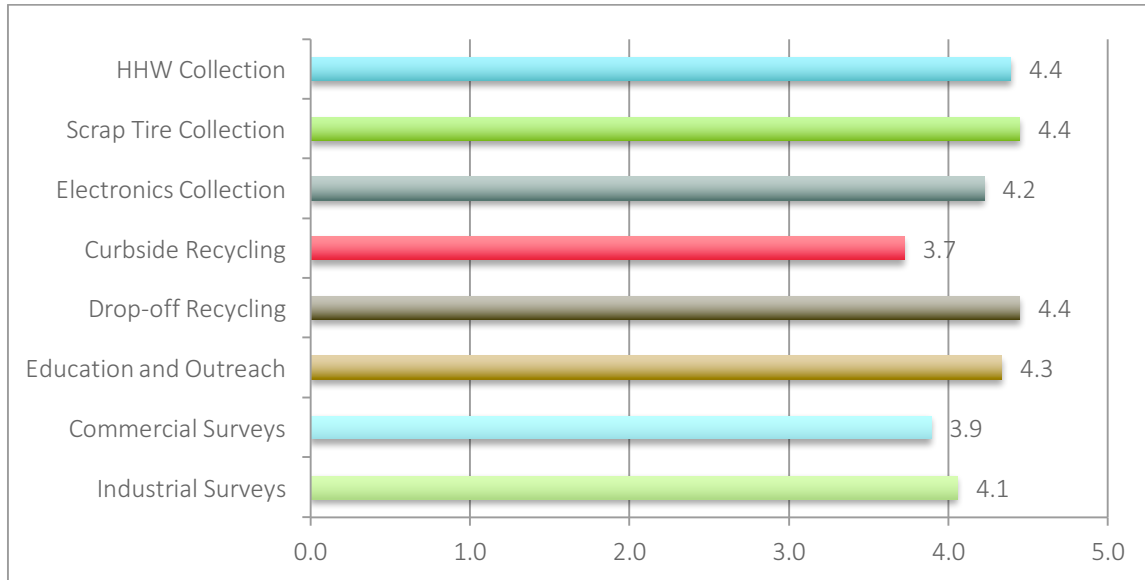
Appendix G

Existing Program and Services Survey

This page intentionally left blank.

Policy Committee Outreach Survey:

Question 1: On a scale of 1 (very unimportant) to 5 (very important) please rate the level of importance for each program offered by the District.



Question 2: On a scale of 1 (disagree) to 5 (agree), state whether you agree or disagree with the program statement.



Commissioner Outreach Survey:

RPHF Solid Waste District Outreach & Education Program Survey

County: _____

Program Specifics:

- a) Brief description of Outreach Program duties & responsibilities:

- b) Avg. hours per week worked by Outreach Specialist: _____

- c) Outreach Specialist current pay rate (including fringes): _____

- d) What other costs are covered by the \$20,000 annual Outreach Program stipend provided by the District:

On a scale of 1-5, with 5 being very satisfied, and 1 being unsatisfied, please circle your responses to the following questions.

- 1) Overall, are you satisfied with the Recycling Outreach Program in your county? 1
3 5

- 2) Are you satisfied with the type and number of special collection events in the county? 1
3 5

- 3) Are you satisfied with the type and amount of school and community presentations being made by your Outreach Specialists? 1
3 5

- 4) Are you satisfied with the Outreach Specialists monitoring and management of the county's drop-off recycling program? 1
3 5

- 5) Are you satisfied that the residents of your county have adequate access to recycling and solid waste information and infrastructure? 1
3 5

Additional Comments:

Questions	Circle Level of Satisfaction				
	Unsatisfied		Neutral		Very Satisfied
Overall, are you satisfied with the Recycling Outreach Program in your county?	↓ 1	2	↓ 3	4	↓ 5
Are you satisfied with the type and number of special collection events in the county?	1	2	3	4	5
Are you satisfied with the type and amount of school and community presentations being made by your Outreach Specialists?	1	2	3	4	5
Are you satisfied with the Outreach Specialists monitoring and management of the county's drop-off recycling program?	1	2	3	4	5
Are you satisfied that the residents of your county have adequate access to recycling and solid waste information and infrastructure?	1	2	3	4	5

This page intentionally left blank.

Appendix H

Outreach Program Options

This page intentionally left blank.

Option 1 – Existing Structure

Part-time District Coordinator

Part-time Assistant Coordinator

4 Part Time Outreach Specialists

Ross – 13.6 hours/week

Pickaway – 2.4 hours/week

Highland – 14.3 hours/week

Fayette – 3.7 hours/week

2017 Costs \$137,555

2019 Costs \$150,867

Strengths

- Dedicated staff to provide outreach/education in each county
- Education to residents
- Local presence provides ability to act fast and ability to network locally

Weaknesses

- Unaccountability of outreach and education activities to the District.
- Little consistency of activities as a District.
- Training and fresh ideas/topics for specialists
- Lack of social media use
- Lack of targeted sector outreach plans and overall framework.

Option 2 –		Option 3 –		Option 4 –	
Part-time District Coordinator		Full-time District Coordinator		Part-time District Coordinator	
Full-time Assistant Coordinator		Full-time Assistant Coordinator		Full-time Assistant Coordinator	
3 Part-time Outreach Specialists		3 Part-time Outreach Specialists		2 Full-time Outreach Specialists	
2019 Costs \$154,377		2019 Costs \$210,052		2019 Costs \$198,417	
Strengths	Weaknesses	Strengths	Weaknesses	Strengths	Weaknesses



ORDINANCE 2018-06

OF THE VILLAGE OF ASHVILLE



AN ORDINANCE TO AMEND CODIFIED ORDINANCE PART ELEVEN PLANNING & ZONING CODE "CHAPTER 1111.10 SCHEDULE OF FEES, CHARGES, AND EXPENSES", ORDINANCE 2005-10 PASSED 10-17-05, AND DECLARING AN EMERGENCY.

WHEREAS, the Village of Ashville has to amend ordinances to the village; and
WHEREAS, Planning and Zoning has conducted a review our Ashville's Fee Structure; and
WHEREAS, Village Council is acting upon Planning and Zoning recommendations; and
NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE VILLAGE OF ASHVILLE, OHIO THAT:



SECTION 1 AUTHORITY TO UPDATE VILLAGE OF ASHVILLE PLANNING & ZONING FEES IN ACCORDANCE WITH PLANNING AND ZONING RECOMMENDATION.

Zoning Permit:	Current Fee	New Fee
1111.10 (d) Residential room additions, garages, carports, storage buildings, decks,	30.00*	50.00*
1111.10 (e) Swimming pools including fence permit Delete	40.00	50.00
1111.10 (f)(1) Demolition permits for garage	50.00	100.00
1111.10 (f)(2) Demolition permits for residence	50.00	200.00
1111.10 (g) Fence permit	25.00	50.00
1111.10 (h) Final inspection fee	25.00	50.00
1111.10 CERTIFICATE OF APPROPRIATENESS	20.00	50.00

SECTION 2 CLARIFICATION OF TERMS.

Change the word "Building" Fee in the 1111.10 Table to "Impact" Fee.

SECTION 3 SEVERABILITY.


If any subsection, sentence, clause, phrase, section or part of this Ordinance is held by a court of competent jurisdiction to be invalid, such finding shall not affect the remaining portions, which shall remain in full force. All other items in Chapter 1111.10 not covered by this Ordinance will remain in full force. To this end, the provisions of this Ordinance are severable.

Prepared: 04/03/2018
Revised Date:
Review Date:

CERTIFICATE OF RECORDING OFFICER

I, the undersigned, hereby certify, that the foregoing is a true and correct copy of the ordinance adopted by the Village of Ashville Council held on 21st day of May 2018, and that I am duly authorized to execute this certificate.

_____ Clerk-Fiscal Officer
(Original signature of April D. Grube) (TITLE)



SECTION 4 DECLARING AN EMERGENCY.

Council declares this to be an emergency measure immediately necessary for the preservation of the public peace, health, and safety of this municipality and the further reason that the Village needs to comply with the laws of Ohio. Wherefore, provided this Ordinance receives the required affirmative votes of Council, this Ordinance shall take effect and be in force immediately upon passage by Council and approval by the Mayor.

Offered by: Nelson R. Embrey

Seconded by: Brad B. Lutz

PASSED THIS 21st DAY OF May, 2018

ATTEST:



April D. Grube, Clerk-Fiscal Officer

APPROVED:



Brian M. Garvine, President Pro Tempore

DATE: 5/29/18

DATE: 6/4/18



ORDINANCE 2018-07

OF THE VILLAGE OF ASHVILLE

AN ORDINANCE TO AMEND CODIFIED ORDINANCE PART THIRTEEN BUILDING CODE "CHAPTER 1305.01 ESTABLISHED, ORDINANCE 2008-11 PASSED 12-15-08, AND DECLARING AN EMERGENCY.



WHEREAS, the Village of Ashville has to amend ordinances to the village; and WHEREAS, Planning and Zoning has conducted a review our Ashville's Fee Structure; and WHEREAS, Village Council is acting upon Planning and Zoning recommendations; and NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE VILLAGE OF ASHVILLE, OHIO THAT:

SECTION 1 AUTHORITY TO UPDATE VILLAGE OF ASHVILLE BUILDING FEES IN ACCORDANCE WITH THE FOLLOWING PLANNING AND ZONING RECOMMENDATION:

Building Permit:	Current Fee	New Fee
1305.01 (b) Fees. (3) Accessory building; garage or shed. For any structure that is 200 square feet or greater, whether attached to or detached from an existing structure. Less than 200 square feet and not permanently anchored, no permit required.	25.00	50.00
1305.01 (b) Fees (5) Electrical permit for service upgrade.	35.00	50.00
1305.01 (b) Fees (6) Electrical permit for new temporary service "or reconnection inspection" "added language".	35.00	50.00
1305.01 (b) Fees (10) Demolition Commercial Fees A.	100.00	500.00
1305.01 (b) Fees (10) Demolition Residential Fees A. House	50.00	200.00
1305.01 (b) Fees (10) Demolition Residential Fees A. Garage	25.00	100.00

SECTION 2 SEVERABILITY.

If any subsection, sentence, clause, phrase, section or part of this Ordinance is held by a court of competent jurisdiction to be invalid, such finding shall not affect the remaining portions, which shall remain in full force. All other items in Chapter 1305.01 not covered by this Ordinance will remain in full force. To this end, the provisions of this Ordinance are severable.

SECTION 3 DECLARING AN EMERGENCY.

Council declares this to be an emergency measure immediately necessary for the preservation of the public peace, health, and safety of this municipality and the further reason that the Village needs to comply with the laws of Ohio. Wherefore, provided this Ordinance receives the required affirmative votes of Council, this Ordinance shall take effect and be in force immediately upon passage by Council and approval by the Mayor.

Offered by: Nelson R. Embrey

Seconded by: Brad B. Lutz

PASSED THIS 21st DAY OF May, 2018

ATTEST:

April D. Grube, Clerk-Fiscal Officer

DATE: 5/29/18

APPROVED:

Brian M. Garvine, President Pro Tempore

DATE: 6/4/18

CERTIFICATE OF RECORDING OFFICER

I, the undersigned, hereby certify, that the foregoing is a true and correct copy of the ordinance adopted by the Village of Ashville Council held on 21st day of May 2018, and that I am duly authorized to execute this certificate.

Prepared: 04/03/2018

Revised Date:

Review Date:

(Original signature of April D. Grube)

Clerk-Fiscal Officer

(TITLE)





ORDINANCE 2018-08 OF THE VILLAGE OF ASHVILLE



AN ORDINANCE AMENDING ORDINANCE 2017-09, 2016-07, 2015-04, 2014-04, AND 929.02 (96-13, 2006-06, 2009-03, 2010-07) FOR A DEBT SERVICE CHARGE FOR THE WASTEWATER PLANT EXPANSION PROJECT IN COMPLIANCE WITH OHIOEPA FINDINGS AND ORDERS FOR THE VILLAGE OF ASHVILLE, AND TO ALTER THE CHARGE FOR WASTEWATER IN THE VILLAGE OF ASHVILLE. THIS AMENDED ORDINANCE WILL NOT CONFLICT WITH THE OHIO REVISED CODE (ORC) LIMITATIONS AND DECLARING AN EMERGENCY.

WHEREAS, the Council of the Village of Ashville, Ohio authorizes by ordinance the rates charged for the wastewater utility; and

WHEREAS, it becomes necessary on occasion to adjust those rates.

WHEREAS, this charge will for the collection of funds for the Wastewater Plant Expansion Land Acquisition, Planning, Design, EPA Application, and Construction.

NOW, AND HEREAFTER BE IT ORDAINED BY THE VILLAGE COUNCIL, VILLAGE OF ASHVILLE, PICKAWAY COUNTY, STATE OF OHIO THAT:

SECTION ONE

That the following rate structure will be added to Chapter 929.05 Sewer Rates:

Other Debt Proceeds (Sewer Plant Expansion)					
Total Loan	# of Years	Number of	Annual Cost	Cost per Month Per	
\$16,723,663	30	1330	\$555,682	\$ 4.03/1000 Gallons*	

The Revenue Code will be 5702-971-5003 Sewer Improvement (Plant Expansion)

* Debt Service was 69¢ in 2014 60¢ in 2015 66¢ in 2016 68¢ in 2017 \$1.40 in 2018 Total \$3.32755

SECTION TWO

The new charge in Section One is the result of a mandated OhioEPA Improvement at the Village of Ashville Wastewater Facility, see "Findings and Orders".

SECTION THREE

This Debt Proceeds increase will be based upon an Application to DEFA which included a PROJECTION SCHEDULE - Projection of Revenues and Expenses of the System. This will be communicated in the newsletter one month prior to implementation of increase.

SECTION FOUR

That this ordinance is hereby declared to be an emergency measure necessary for the preservation of the public peace, health and safety of the Municipality and its inhabitants for the reason that there exists an imperative necessity for the earliest publication and distribution of current Replacement Pages to the officials and residents of the Municipality, so as to facilitate administration, daily operation and avoid practical and legal entanglements, and shall go into full force and effect immediately upon its passage by Council.

Offered by: Nelson R. Embrey

Seconded by: Brad B. Lutz

PASSED THIS 9th DAY OF JULY, 2018



ATTEST:

April D. Grube, Clerk-Fiscal Officer

DATE: 7/23/18

APPROVED:

Charles K. Wise, Mayor

DATE: 10 Jul 18

Prepared: 05/12/2018
Revised Date:
Review Date:

CERTIFICATE OF RECORDING OFFICER

I, the undersigned, hereby certify, that the foregoing is a true and correct copy of the ordinance adopted by the Village of Ashville Council held on 18th day of June 2018, and that I am duly authorized to execute this certificate.

(Original signature of April D. Grube)

Clerk-Fiscal Officer
(TITLE)



ORDINANCE 2018-09

OF THE VILLAGE OF ASHVILLE



AN ORDINANCE AUTHORIZING THE VILLAGE ADMINISTRATOR TO ENTER INTO A PRE-ANNEXATION AGREEMENT WITH BILLY AND SUSAN NEAL FOR THE ANNEXATION OF 1.001 ACRES OF PROPERTY LOCATED AT 3578 STATE ROUTE 752, INTO THE VILLAGE OF ASHVILLE AND DECLARING AN EMERGENCY.

WHEREAS, it is the policy of the Village of Ashville that it will only extend water services outside the Village limits if the property owner agrees to file a petition for annexation with the Pickaway County Commissioners under terms set forth in a Pre-Annexation Agreement; and

WHEREAS, Council for the Village of Ashville has been approached by Billy R. and Susan A. Neal, owners of approximately 1.001 (±) acres of real property located at 3578 State Route 752, Township of Harrison, County of Pickaway, Pickaway County Tax Parcel number D1200010010300 (the "Property"), which land is located outside and contiguous to the corporate boundaries of the Village, regarding connecting to Village water services subject to pursuing the future annexation of the Property to the Village; and

WHEREAS, Council is desirous of, and needs to enter into an agreement with Billy R. and Susan A. Neal to document the parties' agreement with respect to the Village's providing water services to the Property in exchange for the agreement to annex the Property in accordance with Village rules and standards so that the best interests of the Village are being met.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL FOR THE VILLAGE OF ASHVILLE, PICKAWAY COUNTY, OHIO:

SECTION ONE: The Village Administrator is hereby authorized to enter into and execute a Pre-annexation Agreement, provided in the attached Exhibit A, for the annexation of 1.001 acres of property located at 3578 State Route 752, by Bill and Susan Neal.

SECTION TWO: It is found and determined that all formal actions of this Council concerning and relating to the passage of this Resolution were adopted in an open meeting of Council and that all deliberations of the Council and any of its committees and decision-making bodies that resulted in such formal action were in meetings open to the public and in compliance with all legal requirements of the State of Ohio.

SECTION THREE: DECLARING AN EMERGENCY. Council declares this to be an emergency measure immediately necessary for the preservation of the public peace, health, and safety of this municipality and the further reason that the Village needs to comply with the laws of Ohio. Wherefore, provided this Ordinance receives the required affirmative votes of Council, this Ordinance shall take effect and be in force immediately upon passage by Council and approval by the Mayor.

Offered by: Nelson R. Embrey Seconded by: Tracie N. Sorvillo

PASSED THIS THE 22ND DAY OF OCTOBER, 2018

ATTEST:

April D. Grube, Clerk-Fiscal Officer

DATE: 10/23/18

APPROVED:

Charles K. Wise, Mayor

DATE: 23 Oct 2018

Prepared: 10/12/2018
Revised Date:
Review Date:

CERTIFICATE OF RECORDING OFFICER
I, the undersigned, hereby certify, that the foregoing is a true and correct copy of the ordinance adopted by the Village of Ashville Council held on 22nd day of October 2018, and that I am duly authorized to execute this certificate.



(Original signature of April D. Grube) Clerk-Fiscal Officer
(TITLE)

SECTION 3. That this resolution is hereby declared to be an emergency measure necessary for the preservation of the public peace, health and safety of the Village and its inhabitants for the reason that there exists an imperative necessity for the earliest passage of this resolution to meet the fiscal obligations of the Village and will go into effect immediately upon its passage by Council.

Therefore, this Resolution shall take effect and be in full force and effect immediately upon its adoption.

Motion Offered by:

Second to the Motion offered by:

The vote, upon its adoption resulted:

Embrey, Garvine, Loveless, Lutz, Rainey, Sorvillo,

Passed this 18th Day of June, 2018

ATTEST:

April D. Grube, Clerk-Fiscal Officer

DATE: _____

APPROVED:

Charles K. Wise, Mayor

DATE: _____



Pickaway County, Ohio | pickaway.iviewauditor.com/Data.aspx?ParcelID=D1300270004200

Melissa A. Betz
PICKAWAY COUNTY AUDITOR | PICKAWAY COUNTY, OHIO

Home Search Map Reports Forms

Data For Parcel D1300270004200

Base | Land | Valuation | Sales | Sketch | Tax | Improvements | Permit | Residential | Agricultural | Commercial

Base Data

Parcel: D1300270004200
 Owner: LEATHERWOOD MARK A & DAVID E SKOPIOROWSKI
 Address: 0 S R 752

Mailing Address
 Mailing Name: LEATHERWOOD MARK A & DAVID E SKOPIOROWSKI
 Address: 104 W MAIN ST
 City State Zip: ASHVILLE OH 43103

Geographic
 City: VILLAGE OF ASHVILLE
 Township: HARRISON TOWNSHIP
 School District: TEAYS VALLEY LEO

Legal
 Neighborhood: 00101000
 Legal Description: PT AC 1/4 ANNEXED FROM HARRISON TWP SEC 11
 Map Number: 0-0-0

Legal Acres: 40.426
Land Use: (400) C - COMMERCIAL VACANT LAND
Property Class: COMMERCIAL
Range Township Section: 22 02 11

Valuation (Tax Year 2018 Payable 2019)

	Appraised	Assessed (35%)
Land Value:	\$204,310.00	\$92,510.00
Building Value:	\$0.00	\$0.00
Total Value:	\$204,310.00	\$92,510.00
CALV Value:		\$112,180.00
Taxable Value:		\$79,290.00

Tax Credits
 2.5% Homesite Rollback: NO
 Homesite Reduction: NO

Notes
 Notes:

S Business Pl, Ashville, OH | www.loopnet.com/Listing/S-Business-Pl-Ashville-OH/38194527

LoopNet

This Land Property is Off-Market

S Business Pl
 Ashville, OH 43103 - 6.90 AC - Land For Sale

Ashville Commerce Center

Price: Price Not Disclosed | **Total Lot Size:** 6.90 AC

Property Type: Land | **Zoning/Development:** Commercial

Property Sub-Type: Commercial | **APN / Parcel ID:** 073-0-027-00-042-000, 073-0-027-00-042-001, 073-0-027-00-042-002, 073-0-027-00-042-003

Public Transportation



Ordinance 2018-09

PRE-ANNEXATION AGREEMENT

This Pre-Annexation Agreement (the "Agreement") is made and entered into this 25th day of October, 2018, by and between the Village of Ashville, Ohio, an Ohio municipal corporation organized and existing under the Constitution and laws of the State of Ohio (hereinafter the "Village"), and Billy R. and Susan A. Neal (singularly and jointly referred to herein as "Landowners"), under the circumstances summarized in the following recitals. The Village and Landowners are at times referred to collectively herein as the "Parties."

RECITALS:

WHEREAS, Landowners own approximately 1.001 (\pm) acres of real property located at 3578 State Route 752, Township of Harrison, County of Pickaway, Pickaway County Tax Parcel number D1200010010300, which land is located outside and contiguous to the corporate boundaries of the Village, as described and delineated in the legal descriptions and map attached hereto and made a part hereof as Exhibit "A" (and referred to herein as the "Property"); and

WHEREAS, the Property would benefit from certain Village services, including, in particular, Village water service; and

WHEREAS, the Village is capable of providing such services and hereby agrees to offer its Village water service to the Property if Landowners pursue annexation of the Property to the Village following approval by the Pickaway County Commissioners, with the caveat that it shall be the obligation of Landowners to construct or cause to be constructed the extensions and/or connections to the existing public water lines at Landowners' sole expense; and

WHEREAS, the Parties recognize that it is the policy of the Village of Ashville that it will only extend water services outside the Village limits if the property owner agrees to file a petition for annexation with the Pickaway County Commissioners at such a time as requested by the Village of Ashville; and

WHEREAS, pursuant to Resolution No. ____-2018, a copy of which is attached hereto and made a part hereof, Council for the Village authorized the Village Administrator to enter into this Agreement with Landowners to provide Village water service to the Property; and

WHEREAS, the Parties agree that it is in their mutual interests to enter into this Agreement related to the future annexation of the Property for the mutual benefit of the Parties.

NOW, THEREFORE, in consideration of the mutual promises contained herein, the Village and Landowners covenant and agree as follows:

1. **Petition for Annexation.** Landowners shall prepare, at their expense, an annexation petition, map, legal description ("Petition") and other related documents as may be required by the Ohio Revised Code ("ORC") to annex the Property to the Village. The annexation shall be by ORC Section 709.023, also known as an "Expedited Type II" annexation. Landowners are the only owners of the Property and Landowners shall execute the Petition and will execute other documents reasonably necessary to effectuate the annexation as may be required by law. The Petition will be filed with the Pickaway

County, Ohio, Board of County Commissioners (“Commissioners”). Landowners agree that all costs related to the annexation process will be borne by Landowners. Landowners shall pursue the annexation of the Property and file the Petition no later than six (6) months after the Effective Date of this Agreement referenced in Section 11 below. In the event the Commissioners do not approve the annexation of the Property, this Agreement shall terminate and the Parties shall have no further obligations hereunder.

2. **Village Water Service.** It is understood between the Parties that the extension of the Village’s public water service to the Property is of prime importance to Landowners and without said service, the annexation of the Property by Landowners would not be pursued. Accordingly, Landowner is hereby permitted to make one residential connection to the Villages water system, as an "outside" Village customer Landowner agrees to pay all costs associated with the construction of the connection to the Village’s water system, including tapping charges, if any. The Village agrees to begin providing the Village’s water service to the Property as soon as said connection to the Village’s water system is completely constructed, following the Effective Date of this Agreement. In the event the Commissioners do not approve the annexation of the Property, and/or in the event Landowners fail to pursue the annexation of the Property and file the Petition within six (6) months after the Effective Date of this Agreement, this shall be grounds for immediate termination of Village water service to the Property. Such termination shall be considered a “Voluntary termination of service” and shall proceed under the regulations set forth by Chapter 925 of the Village’s Codified Ordinances.
3. **Village Service Resolution.** In accordance with ORC 709.023, the Village shall enact, prior to twenty (20) days after the date of Landowners’ filing of the Petition with the Commissioners, a Service Resolution stating the services the Village will provide, and the approximate date by which it will provide them, to the Property. The Service Resolution, once adopted, shall be immediately certified and filed with the Clerk of the Commissioners. In the event that the Commissioners approve the Petition, the Village shall accept the annexation of the Property in accordance with ORC 709.04.
4. **Binding Agreement.** This Agreement shall inure to the benefit of and be binding upon the Parties and their respective successors and/or assigns, and by execution hereof, all Parties represent that they are duly authorized to sign it.
5. **Cancellation or Termination.** This Agreement may be cancelled or otherwise terminated by mutual written agreement of the Parties or pursuant to the terms of this Agreement.
6. **Assignment.** Landowners shall not assign this Agreement without the written consent of the Village, which shall not be unreasonably withheld.
7. **Entire Agreement.** This Agreement merges all of the oral negotiations, representations, discussions, and understanding between the Parties, their legal counsel, agents and representatives. This Agreement contains the entire Agreement of the Parties with respect to the subject matter herein. All documents related to this Agreement and/or attached hereto as exhibits or addendums shall be incorporated into this Agreement by reference as if fully set out at length herein.
8. **Severability.** If any clause, sentence, paragraph or part of this Agreement shall, for any reason, be adjudged by any court of competent jurisdiction to be invalid, such judgment shall not affect, impair, or invalidate the remainder of this Agreement and the remainder of said Agreement shall continue in full force and effect.

9. **Modifications or Amendments.** No modifications, amendments, alterations or additions shall be made to this Agreement except in a writing approved and signed by the Parties.
10. **Recitals.** The Parties acknowledge and agree that the facts and circumstances as described in the Recitals hereto are integral to this Agreement and as such are incorporated herein by reference.
11. **Effective Date.** This Agreement shall be effective when signed by all Parties hereto.
12. **Successors and Assigns.** It is intended that the covenants, agreements, promises, recoupments and duties set forth herein shall be construed as covenants and commitments that run with the land and shall be binding upon and inure to the benefit of the respective heirs, personal representatives, successors, transferees, and assigns of the Parties hereto.

*** REMAINDER OF PAGE INTENTIONALLY BLANK ***

Ordinance No. 2018 - 09

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed by their duly authorized representatives this _____ day of _____, 2018.

VILLAGE OF ASHVILLE, OHIO

By: Franklin Christman

Printed: Franklin Christman

Title: Village Administrator

LANDOWNERS

By: Billy R. Neal

By: Susan A. Neal

Printed: Billy R. Neal and Susan A. Neal

Title: Owner

STATE OF OHIO, COUNTY OF PICKAWAY, SS

Before me, a Notary Public in and for said County and State, personally appeared the above named Billy R. and Susan A. Neal, sole owners of property, who acknowledged that they did sign the foregoing agreement and that the same is their free act and deed in such capacity.

IN TESTIMONY HEREOF, I have hereunto set my hand and seal in Pickaway County, OH,

this 25th day of October, 2018.

Notary Public



KATY NICOLE GREGG
Notary Public, State of Ohio
My Commission Expires 05-17-2022

Katy Gregg

Approved As To Form

MARK LANDES, ESQUIRE
Village Law
Solicitor

Mark Landes



Data For Parcel D1200010010300

Base Land Valuation Sales Sketch Tax Improvements Permit Residential Agricultural Commercial

Print Email Property Card Comparables

Navigate Parcels
1 of 1
Back to Search Results

Base Data

Parcel: D1200010010300
Owner: NEAL BILLY R & SUSAN A
Address: 3578 S R 752



Map this property

Help
Get help viewing property data.
Save This Property As:
Save Property

Mailing Address		Geographic	
Mailing Names:	NEAL B R & SUSAN A	City:	UNINCORPORATED
Address:	3578 SR 752	Township:	HARRISON TOWNSHIP
City State Zip:	ASHVILLE OH 43103	School District:	TEAY VALLEY LSD

Legal		Legal Acres:	
Neighborhood:	00100000		1.001
Legal Description:	LT-1 PETERS S D BLOCK A	Land Use:	(S10) R - SINGLE FAMILY DWELLING, PLATTED LOT
Map Number:	0-0-0-0	Property Class:	RESIDENTIAL
		Range Township Section:	23-02-12

Valuation (Tax Year 2018 Payable 2019)			
		Appraised	Assessed (35%)
Land Value:		\$43,360.00	\$15,180.00
Building Value:		\$101,370.00	\$35,480.00
Total Value:		\$144,730.00	\$50,660.00
CAMV Value:		\$0.00	
Taxable Value:		\$50,660.00	

Tax Credits	
2.5% Homestead Rollback:	YES
Homestead Reduction:	YES

Notes	
Notes:	



ORDINANCE 2018-09

OF THE VILLAGE OF ASHVILLE



AN ORDINANCE AUTHORIZING THE VILLAGE ADMINISTRATOR TO ENTER INTO A PRE-ANNEXATION AGREEMENT WITH BILLY AND SUSAN NEAL FOR THE ANNEXATION OF 1.001 ACRES OF PROPERTY LOCATED AT 3578 STATE ROUTE 752, INTO THE VILLAGE OF ASHVILLE AND DECLARING AN EMERGENCY.

WHEREAS, it is the policy of the Village of Ashville that it will only extend water services outside the Village limits if the property owner agrees to file a petition for annexation with the Pickaway County Commissioners under terms set forth in a Pre-Annexation Agreement; and

WHEREAS, Council for the Village of Ashville has been approached by Billy R. and Susan A. Neal, owners of approximately 1.001 (±) acres of real property located at 3578 State Route 752, Township of Harrison, County of Pickaway, Pickaway County Tax Parcel number D1200010010300 (the "Property"), which land is located outside and contiguous to the corporate boundaries of the Village, regarding connecting to Village water services subject to pursuing the future annexation of the Property to the Village; and

WHEREAS, Council is desirous of, and needs to enter into an agreement with Billy R. and Susan A. Neal to document the parties' agreement with respect to the Village's providing water services to the Property in exchange for the agreement to annex the Property in accordance with Village rules and standards so that the best interests of the Village are being met.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL FOR THE VILLAGE OF ASHVILLE, PICKAWAY COUNTY, OHIO:

SECTION ONE: The Village Administrator is hereby authorized to enter into and execute a Pre-annexation Agreement, provided in the attached Exhibit A, for the annexation of 1.001 acres of property located at 3578 State Route 752, by Bill and Susan Neal.

SECTION TWO: It is found and determined that all formal actions of this Council concerning and relating to the passage of this Resolution were adopted in an open meeting of Council and that all deliberations of the Council and any of its committees and decision-making bodies that resulted in such formal action were in meetings open to the public and in compliance with all legal requirements of the State of Ohio.

SECTION THREE: DECLARING AN EMERGENCY. Council declares this to be an emergency measure immediately necessary for the preservation of the public peace, health, and safety of this municipality and the further reason that the Village needs to comply with the laws of Ohio. Wherefore, provided this Ordinance receives the required affirmative votes of Council, this Ordinance shall take effect and be in force immediately upon passage by Council and approval by the Mayor.

Offered by: Nelson R. Embrey Seconded by: Tracie N. Sorvillo

PASSED THIS THE 22ND DAY OF OCTOBER, 2018

ATTEST:

April D. Grube, Clerk-Fiscal Officer

DATE: 10/23/18

APPROVED:

Charles K. Wise, Mayor

DATE: 23 Oct 2018

Prepared: 10/12/2018
Revised Date:
Review Date:

CERTIFICATE OF RECORDING OFFICER
I, the undersigned, hereby certify, that the foregoing is a true and correct copy of the ordinance adopted by the Village of Ashville Council held on 22nd day of October 2018, and that I am duly authorized to execute this certificate.



(Original signature of April D. Grube) Clerk-Fiscal Officer
(TITLE)



Ordinance 2018-09

PRE-ANNEXATION AGREEMENT

This Pre-Annexation Agreement (the "Agreement") is made and entered into this 25th day of October, 2018, by and between the Village of Ashville, Ohio, an Ohio municipal corporation organized and existing under the Constitution and laws of the State of Ohio (hereinafter the "Village"), and Billy R. and Susan A. Neal (singularly and jointly referred to herein as "Landowners"), under the circumstances summarized in the following recitals. The Village and Landowners are at times referred to collectively herein as the "Parties."

RECITALS:

WHEREAS, Landowners own approximately 1.001 (\pm) acres of real property located at 3578 State Route 752, Township of Harrison, County of Pickaway, Pickaway County Tax Parcel number D1200010010300, which land is located outside and contiguous to the corporate boundaries of the Village, as described and delineated in the legal descriptions and map attached hereto and made a part hereof as Exhibit "A" (and referred to herein as the "Property"); and

WHEREAS, the Property would benefit from certain Village services, including, in particular, Village water service; and

WHEREAS, the Village is capable of providing such services and hereby agrees to offer its Village water service to the Property if Landowners pursue annexation of the Property to the Village following approval by the Pickaway County Commissioners, with the caveat that it shall be the obligation of Landowners to construct or cause to be constructed the extensions and/or connections to the existing public water lines at Landowners' sole expense; and

WHEREAS, the Parties recognize that it is the policy of the Village of Ashville that it will only extend water services outside the Village limits if the property owner agrees to file a petition for annexation with the Pickaway County Commissioners at such a time as requested by the Village of Ashville; and

WHEREAS, pursuant to Resolution No. ____-2018, a copy of which is attached hereto and made a part hereof, Council for the Village authorized the Village Administrator to enter into this Agreement with Landowners to provide Village water service to the Property; and

WHEREAS, the Parties agree that it is in their mutual interests to enter into this Agreement related to the future annexation of the Property for the mutual benefit of the Parties.

NOW, THEREFORE, in consideration of the mutual promises contained herein, the Village and Landowners covenant and agree as follows:

1. **Petition for Annexation.** Landowners shall prepare, at their expense, an annexation petition, map, legal description ("Petition") and other related documents as may be required by the Ohio Revised Code ("ORC") to annex the Property to the Village. The annexation shall be by ORC Section 709.023, also known as an "Expedited Type II" annexation. Landowners are the only owners of the Property and Landowners shall execute the Petition and will execute other documents reasonably necessary to effectuate the annexation as may be required by law. The Petition will be filed with the Pickaway

County, Ohio, Board of County Commissioners (“Commissioners”). Landowners agree that all costs related to the annexation process will be borne by Landowners. Landowners shall pursue the annexation of the Property and file the Petition no later than six (6) months after the Effective Date of this Agreement referenced in Section 11 below. In the event the Commissioners do not approve the annexation of the Property, this Agreement shall terminate and the Parties shall have no further obligations hereunder.

2. **Village Water Service.** It is understood between the Parties that the extension of the Village’s public water service to the Property is of prime importance to Landowners and without said service, the annexation of the Property by Landowners would not be pursued. Accordingly, Landowner is hereby permitted to make one residential connection to the Villages water system, as an "outside" Village customer Landowner agrees to pay all costs associated with the construction of the connection to the Village’s water system, including tapping charges, if any. The Village agrees to begin providing the Village’s water service to the Property as soon as said connection to the Village’s water system is completely constructed, following the Effective Date of this Agreement. In the event the Commissioners do not approve the annexation of the Property, and/or in the event Landowners fail to pursue the annexation of the Property and file the Petition within six (6) months after the Effective Date of this Agreement, this shall be grounds for immediate termination of Village water service to the Property. Such termination shall be considered a “Voluntary termination of service” and shall proceed under the regulations set forth by Chapter 925 of the Village’s Codified Ordinances.
3. **Village Service Resolution.** In accordance with ORC 709.023, the Village shall enact, prior to twenty (20) days after the date of Landowners’ filing of the Petition with the Commissioners, a Service Resolution stating the services the Village will provide, and the approximate date by which it will provide them, to the Property. The Service Resolution, once adopted, shall be immediately certified and filed with the Clerk of the Commissioners. In the event that the Commissioners approve the Petition, the Village shall accept the annexation of the Property in accordance with ORC 709.04.
4. **Binding Agreement.** This Agreement shall inure to the benefit of and be binding upon the Parties and their respective successors and/or assigns, and by execution hereof, all Parties represent that they are duly authorized to sign it.
5. **Cancellation or Termination.** This Agreement may be cancelled or otherwise terminated by mutual written agreement of the Parties or pursuant to the terms of this Agreement.
6. **Assignment.** Landowners shall not assign this Agreement without the written consent of the Village, which shall not be unreasonably withheld.
7. **Entire Agreement.** This Agreement merges all of the oral negotiations, representations, discussions, and understanding between the Parties, their legal counsel, agents and representatives. This Agreement contains the entire Agreement of the Parties with respect to the subject matter herein. All documents related to this Agreement and/or attached hereto as exhibits or addendums shall be incorporated into this Agreement by reference as if fully set out at length herein.
8. **Severability.** If any clause, sentence, paragraph or part of this Agreement shall, for any reason, be adjudged by any court of competent jurisdiction to be invalid, such judgment shall not affect, impair, or invalidate the remainder of this Agreement and the remainder of said Agreement shall continue in full force and effect.

9. **Modifications or Amendments.** No modifications, amendments, alterations or additions shall be made to this Agreement except in a writing approved and signed by the Parties.
10. **Recitals.** The Parties acknowledge and agree that the facts and circumstances as described in the Recitals hereto are integral to this Agreement and as such are incorporated herein by reference.
11. **Effective Date.** This Agreement shall be effective when signed by all Parties hereto.
12. **Successors and Assigns.** It is intended that the covenants, agreements, promises, recoupments and duties set forth herein shall be construed as covenants and commitments that run with the land and shall be binding upon and inure to the benefit of the respective heirs, personal representatives, successors, transferees, and assigns of the Parties hereto.

*** REMAINDER OF PAGE INTENTIONALLY BLANK ***

Ordinance No. 2018 - 09

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed by their duly authorized representatives this _____ day of _____, 2018.

VILLAGE OF ASHVILLE, OHIO

By: Franklin Christman

Printed: Franklin Christman

Title: Village Administrator

LANDOWNERS

By: Billy R. Neal

By: Susan A. Neal

Printed: Billy R. Neal and Susan A. Neal

Title: Owner

STATE OF OHIO, COUNTY OF PICKAWAY, SS

Before me, a Notary Public in and for said County and State, personally appeared the above named Billy R. and Susan A. Neal, sole owners of property, who acknowledged that they did sign the foregoing agreement and that the same is their free act and deed in such capacity.

IN TESTIMONY HEREOF, I have hereunto set my hand and seal in Pickaway County, OH,

this 25th day of October, 2018.

Notary Public



KATY NICOLE GREGG
Notary Public, State of Ohio
My Commission Expires 05-17-2022

Katy Gregg

Approved As To Form

MARK LANDES, ESQUIRE
Village Law
Solicitor

Mark Landes



ORDINANCE 2018-10 OF THE VILLAGE OF ASHVILLE



AN ORDINANCE TO MAKE TEMPORARY APPROPRIATIONS FOR THE NEXT YEAR'S EXPENSES AND OTHER EXPENDITURES OF THE VILLAGE OF ASHVILLE, STATE OF OHIO, BASED UPON THE CERTIFICATE OF ESTIMATED RESOURCES ISSUED BY THE PICKAWAY COUNTY BUDGET COMMISSION FOR THE FISCAL YEAR BEGINNING JANUARY 1, 2019, AND DECLARING AN EMERGENCY.

Now, Therefore, be it Resolved by the Council of the Village of Ashville, State of Ohio the following:

Section One: That the 2019 Appropriations Ordinance is hereby designed to reflect the Certificate of Estimated Resources. Such amendments amounts and spending targets are listed in Exhibit 1, which shall become part of this ordinance.

Section Two: That the "Non-binding Narrative for the 2019 Budget" remark is defined as an indication of management's intended allocation of amounts approved by Council and that it does not indicate the legal level of control established by Council."

Section Three: That the Village Council hereby authorizes that funds may be expended for coffee, meals, refreshments and /or other amenities for municipal officers, employees or other persons with the approval of the Mayor or VA and certified by Fiscal Officer for payment.

Section Four: The Village Fiscal Officer is hereby authorized to make payments from any of the foregoing appropriations and to make supplemental appropriations between "Object" codes within the same "Fund" and "Program" area as provided by the Ohio Revised Code (ORC) with the exception of "Object" codes 590 and 690 from which only the Mayor and/or Village Administrator are authorized to approve expenditures or supplemental appropriations. That the Village Council hereby authorizes that the fiscal officer can expend funds for employees' salaries and benefits as reflected in the appropriation budget indicates in Exhibit I.

Section Five: And the Village Fiscal Officer is hereby authorized to draw warrants on the Village Treasury for payments from any of the foregoing appropriations upon receiving proper certificates and vouchers therefore, approved by the Council or officers authorized by law to approve the same, or an ordinance or resolution of council to make the expenditure; provided that no warrants shall be drawn or paid for salaries or wages except to persons employed by authority of and in accordance with law or ordinance. Provided further that the appropriations for contingencies can only be expended upon vote of two-thirds of Council for items of expense constituting a legal obligation against the village, and for purposes other than those covered by other specific appropriations herein made.

Section Five: That this ordinance is hereby declared to be an emergency measure necessary for the preservation of the public peace, health and safety of the Municipality and its inhabitants for the reason that there exists an imperative necessity for the earliest publication and distribution of current Replacement Pages to the officials and residents of the Municipality, so as to facilitate administration, daily operation and avoid practical and legal entanglements, and shall go into full force and effect immediately upon its passage by Council.

Offered by: Nelson R. Embrey

Seconded by: Randy S. Loveless

PASSED THIS 17th DAY OF DECEMBER, 2018

ATTEST:

DATE: 12/22/18

April D. Grube, Clerk-Fiscal Officer

APPROVED:

DATE: 19 DEC 18

Charles K. Wise, Mayor

Prepared: 10/16/2018

Revised Date:

Review Date:

1 of 1 | Page with Exhibit

CERTIFICATE OF RECORDING OFFICER

I, the undersigned, hereby certify, that the foregoing is a true and correct copy of the ordinance adopted by the Village of Ashville Council held on 17th day of December 2018, and that I am duly authorized to execute this certificate.



(Original signature of April D. Grube)

Clerk-Fiscal Officer

(TITLE)

Description	Fund / Program	Temporary Appropriation		Non-binding Narrative for 2019 Budget
	/ Object #	Object&Program	Fund	FOR MEMORANDUM USE ONLY (Guidelines)
Account Name	Account Code	Total	Total	%s are times the Salary 190 Fund Account
Other - Personal Services	1000-110-190-0000	\$448,995.79		2.8% COLA, 0.0% Anniversary Adjustment, 26 Pay-Periods
Ohio Public Employees Retirement System	1000-110-211-0000	\$500.00		17.63%
Medicare	1000-110-213-0000	\$6,510.44		1.45%
Ohio Police and Fire Pension Fund	1000-110-215-0000	\$87,554.18		19.50%
Medical/Hospitalization/Vision	1000-110-221-0000	\$115,330.24		Healthcare Premium & Deductible
Dental Insurance	1000-110-223-0000	\$5,361.75		Healthcare Premium
Workers' Compensation	1000-110-225-0000	\$8,603.21		1.92%
Travel and Transportation	1000-110-252-0000	\$100.00		
Uniforms and Clothing	1000-110-270-0000	\$10,824.16		
Other - Employee Fringe Benefits	1000-110-290-0000	\$0.00		
Utilities	1000-110-310-0000	\$2,620.39		
Other - Other Contractual Services	1000-110-399-0000	\$78,615.16		
Other-Other Contractual Services (Court Fines Arrest Authority Fund)	1000-110-399-1000	\$0.00		
Operating Supplies and Materials	1000-110-420-0000	\$7,297.56		
Repairs and Maintenance of Motor Vehicles	1000-110-433-0000	\$43,161.93		Vehicle Maintenance
Fuel, Oil, & etc.	1000-110-439-0000	\$28,094.01		Fuel & Oil
Other - Capital Outlay	1000-110-590-0000	\$19,020.60		
Other - Other	1000-110-690-0000	\$8,000.00		Expenditure at the Discretion of Mayor
Police Total		\$870,589.40		
Electricity	1000-130-311-0000	\$48,068.49		
Other - Other	1000-130-690-0000	\$1,000.00		Expenditure at the Discretion of Mayor or VA
Street Lighting Total		\$49,068.49		
Payment to Another Political Subdivision	1000-210-640-0000	\$8,920.87		Health Department
Other - Other	1000-210-690-0000	\$1,000.00		Expenditure at the Discretion of Mayor or VA
County Health Total		\$9,920.87		
Other - Other Contractual Services	1000-290-399-0000	\$2,000.00		Indigent Burials
Other - Other	1000-290-690-0000	\$1,000.00		Expenditure at the Discretion of Mayor or VA
Other Public Health Total		\$3,000.00		
Uniforms and Clothing	1000-310-270-0000	\$500.00		
Other - Other Contractual Services	1000-310-399-0000	\$3,109.39		
Operating Supplies and Materials	1000-310-420-0000	\$961.33		
Other - Other	1000-310-690-0000	\$1,000.00		Expenditure at the Discretion of Mayor or VA
Fun-in-the-Sun Total		\$5,570.72		
Other - Personal Services	1000-320-190-0000	\$21,791.92		2.8% COLA, 0.0% Anniversary Adjustment, 26 Pay-Periods
Ohio Public Employees Retirement System	1000-320-211-0000	\$3,050.87		14.00%
Social Security	1000-320-212-0000	\$0.00		0.00%
Medicare	1000-320-213-0000	\$297.52		
Medical/Hospitalization/Vision	1000-320-221-0000	\$9,439.08		Healthcare Premium & Deductible
Dental Insurance	1000-320-223-0000	\$27.08		Healthcare Premium
Workers' Compensation	1000-320-225-0000	\$417.55		
Uniforms and Clothing	1000-320-270-0000	\$500.00		1.92%
Utilities	1000-320-310-0000	\$7,540.96		
Communications, Printing and Advertising	1000-320-320-0000	\$0.00		
Other - Other Contractual Services	1000-320-399-0000	\$660.59		
Operating Supplies and Materials	1000-320-420-0000	\$4,520.05		
Other - Capital Outlay	1000-320-590-0000	\$0.00		
Other - Other	1000-320-690-0000	\$5,000.00		Expenditure at the Discretion of Mayor or VA
Other - Other	1000-320-690-1000	\$10,000.00		Expenditure at the Discretion of Mayor or VA (Park Camera)
Park Total		\$63,245.62		
Utilities	1000-330-310-0000	\$2,079.93		
Other - Other Contractual Services	1000-330-399-0000	\$0.00		
Other - Other	1000-330-690-0000	\$3,000.00		Expenditure at the Discretion of Mayor or VA
Culture Museum Total		\$5,079.93		
Other - Personal Services	1000-410-190-0000	\$10,488.07		2.8% COLA, 0.0% Anniversary Adjustment, 26 Pay-Periods
Ohio Public Employees Retirement System	1000-410-211-0000	\$1,468.33		14.00%
Medicare	1000-410-213-0000	\$152.08		1.45%
Medical/Hospitalization/Vision	1000-410-221-0000	\$2,796.00		Healthcare Premium & Deductible
Dental Insurance	1000-410-223-0000	\$81.23		Healthcare Premium
Workers' Compensation	1000-410-225-0000	\$200.96		1.92%
Communications, Printing and Advertising	1000-410-320-0000	\$0.00		
Professional and Technical Services	1000-410-340-0000	\$0.00		
Other - Other Contractual Services	1000-410-399-0000	\$5,635.72		
Other - Other Contractual Services CEDA	1000-410-399-1003	\$17,362.17		
Other - Other Contractual Services JEDD	1000-410-399-1004	\$0.00		
Operating Supplies and Materials	1000-410-420-0000	\$1,607.24		
Operating Supplies and Materials CEDA	1000-410-420-1003	\$0.00		
Operating Supplies and Materials JEDD	1000-410-420-1004	\$0.00		
Other - Other	1000-410-690-0000	\$3,000.00		Expenditure at the Discretion of Mayor or VA
Total Planning and Zoning/Building Dept.		\$42,791.80		
Other Community Service	1000-490-399-0000	\$0.00		
Other Community Service	1000-490-420-0000	\$1,000.00		
		\$1,000.00		
Other-Other Contractual Services	1000-533-399-0001	\$0.00		
		\$0.00		
Other - Personal Services	1000-561-190-0000	\$11,632.03		2.8% COLA, 0.0% Anniversary Adjustment, 26 Pay-Periods
Ohio Public Employees Retirement System	1000-561-211-0000	\$1,628.48		14.00%

Description	Fund / Program	Temporary Appropriation		Non-binding Narrative for 2019 Budget
	/ Object #	Object&Program	Fund	FOR MEMORANDUM USE ONLY (Guidelines)
Account Name	Account Code	Total	Total	%s are times the Salary 190 Fund Account
Medicare	1000-561-213-0000	\$168.66		1.45%
Medical/Hospitalization/Vision	1000-561-221-0000	\$3,169.14		Healthcare Premium & Deductible
Dental Insurance	1000-561-223-0000	\$92.06		Healthcare Premium
Workers' Compensation	1000-561-225-0000	\$222.88		1.92%
Communications, Printing and Advertising	1000-561-320-0000	\$0.00		
Garbage and Trash Removal	1000-561-398-0000	\$365,838.41		Under Contracted Rate
Other - Other Contractual Services	1000-561-399-0000	\$3,179.73		Revenue will be \$369,953
Other - Other Contractual Services Harrison Township	1000-561-399-1561	\$0.00		
Operating Supplies and Materials	1000-561-420-0000	\$3,930.86		
Operating Supplies and Materials Harrison Township	1000-561-420-1561	\$0.00		
Other - Other	1000-561-690-0000	\$3,000.00		Expenditure at the Discretion of Mayor or VA (Tonnage Fee)
Refuse Total		\$392,862.26		
Other - Personal Services	1000-610-190-0000	\$129,432.67		2.8% COLA, 0.0% Anniversary Adjustment, 26 Pay-Periods
Ohio Public Employees Retirement System	1000-610-211-0000	\$18,120.57		14.00%
Medicare	1000-610-213-0000	\$1,876.77		1.45%
Medical/Hospitalization/Vision	1000-610-221-0000	\$52,298.66		Healthcare Premium & Deductible
Dental Insurance	1000-610-223-0000	\$785.19		Healthcare Premium
Workers' Compensation	1000-610-225-0000	\$2,480.06		1.92%
Uniforms and Clothing	1000-610-270-0000	\$245.81		
Utilities	1000-610-310-0000	\$0.00		
Other - Other Contractual Services	1000-610-399-0000	\$0.00		
Repairs and Maintenance of Motor Vehicles	1000-610-420-0000	\$0.00		
Other Capital Outlay	1000-610-433-0000	\$0.00		
Other Misc.	1000-610-590-0000	\$0.00		
Traffic Signs and Signals	1000-610-690-0000	\$2,000.00		Expenditure at the Discretion of Mayor or VA
Principal	1000-610-710-0000	\$0.00		
Interest	1000-610-720-0000	\$0.00		
Traffic Signs and Signals	1000-650-420-0000	\$0.00		
Other - Other Contractual Services	1000-670-399-0000	\$1,992.69		Sidewalk
Other - Other	1000-670-690-0000	\$2,000.00		Extra Money for Sidewalks Expenditure at the Discretion of Mayor or VA
Streets Department Total		\$211,232.44		
Salary - Administrator	1000-710-131-0000	\$34,557.38		2.8% COLA, 0.0% Anniversary Adjustment, 26 Pay-Periods
Salaries - Administrator's Staff	1000-710-132-0000	\$40,564.75		2.8% COLA, 0.0% Anniversary Adjustment, 26 Pay-Periods
Salary - Mayor	1000-710-161-0000	\$12,374.61		No Wage Adjustment, 26 Pay-Periods
Ohio Public Employees Retirement System	1000-710-211-0000	\$12,249.54		14.00%
Social Security	1000-710-212-0000	\$0.00		1.45%
Medicare	1000-710-213-0000	\$1,268.70		
Medical/Hospitalization/Vision	1000-710-221-0000	\$39,342.19		Healthcare Premium & Deductible
Dental Insurance	1000-710-223-0000	\$353.99		Healthcare Premium
Workers' Compensation	1000-710-225-0000	\$1,676.53		
Travel and Transportation	1000-710-252-0000	\$50.00		
Uniforms and Clothing	1000-710-270-0000	\$0.00		
Communications, Printing and Advertising	1000-710-320-0000	\$0.00		
Other - Other Contractual Services	1000-710-399-0000	\$23,011.49		2019 Retreat with 690 & 1000-715
Operating Supplies and Materials	1000-710-420-0000	\$2,940.35		
Repairs and Maintenance of Motor Vehicles	1000-710-433-0000	\$0.00		Vehicle Maintenance
Fuel, Oil, & etc.	1000-710-439-0000	\$0.00		Fuel & Oil
Other - Capital Outlay	1000-710-590-0000	\$0.00		
Other - Other	1000-710-690-0000	\$1,000.00		Expenditure at the Discretion of Mayor or VA
Administrative/Mayor Total		\$169,389.53		
Salaries - Council	1000-715-111-0000	\$20,170.84		No Wage Adjustment, 26 Pay-Periods
Ohio Public Employees Retirement System	1000-715-211-0000	\$2,823.92		14.00%
Social Security	1000-715-212-0000	\$292.48		1.45%
Medicare	1000-715-213-0000	\$0.00		0.00%
Medical/Hospitalization/Vision	1000-715-221-0000	\$38,651.20		Healthcare Premium & Deductible
Dental Insurance	1000-715-223-0000	\$1,083.02		Healthcare Premium
Workers' Compensation	1000-715-225-0000	\$5,780.07		
Travel and Transportation	1000-715-252-0000	\$0.00		
Housing and Meals	1000-715-260-0000	\$0.00		
Other - Employee Fringe Benefits	1000-715-290-0000	\$0.00		
Communications, Printing and Advertising	1000-715-320-0000	\$0.00		
Training Services	1000-715-320-0000	\$0.00		
Other - Other Contractual Services	1000-715-399-0000	\$11,057.72		2019 Retreat with 690 & 1000-710
Operating Supplies and Materials	1000-715-420-0000	\$1,199.02		
Repairs and Maintenance of Motor Vehicles	1000-715-433-0000	\$0.00		Vehicle Maintenance
Fuel, Oil, & etc.	1000-715-439-0000	\$0.00		Fuel & Oil
Other - Other	1000-715-690-0000	\$1,000.00		Expenditure at the Discretion of Mayor or VA
Legislative Total		\$82,058.27		
Other - Personal Services	1000-720-190-0000	\$11,372.87		2.8% COLA, 0.0% Anniversary Adjustment 26 Pay-Periods, % of Fiscal Officer
Ohio Public Employees Retirement System	1000-720-211-0000	\$1,592.20		14.00%
Medicare	1000-720-213-0000	\$164.91		1.45%
Medical/Hospitalization/Vision	1000-720-221-0000	\$1,491.20		Healthcare Premium & Deductible
Dental Insurance	1000-720-223-0000	\$43.32		Healthcare Premium
Workers' Compensation	1000-720-225-0000	\$217.92		2.15%
Travel and Transportation	1000-720-252-0000	\$0.00		
Training Services	1000-720-348-0000	\$247.20		

Description	Fund / Program	Temporary Appropriation		Non-binding Narrative for 2019 Budget
	/ Object #	Object&Program	Fund	FOR MEMORANDUM USE ONLY (Guidelines)
Account Name	Account Code	Total	Total	%s are times the Salary 190 Fund Account
Other - Other Contractual Services	1000-720-399-0000	\$6,918.19		Computer software upgrade 690 & 2904
Operating Supplies and Materials	1000-720-420-0000	\$1,094.26		
Other - Other	1000-720-690-0000	\$11,000.00		Expenditure at the Discretion of Mayor or VA
Mayors Court Total		\$23,142.07		
Salary - Clerk/Treasurer	1000-725-121-0000	\$22,750.87		2.8% COLA, 0.0% Anniversary Adjustment, 26 Pay-Periods
Ohio Public Employees Retirement System	1000-725-211-0000	\$3,185.12		14.00%
Medicare	1000-725-213-0000	\$329.89		1.45%
Medical/Hospitalization/Vision	1000-725-221-0000	\$4,660.01		Healthcare Premium & Deductible
Dental Insurance	1000-725-223-0000	\$135.38		Healthcare Premium
Workers' Compensation	1000-725-225-0000	\$435.93		1.92%
Travel and Transportation	1000-725-252-0000	\$0.00		
Housing and Meals	1000-725-260-0000	\$0.00		
Training Services	1000-725-348-0000	\$480.67		
Other - Other Contractual Services	1000-725-399-0000	\$2,149.29		
Operating Supplies and Materials	1000-725-420-0000	\$1,358.20		
Other - Other	1000-725-690-0000	\$1,000.00		Expenditure at the Discretion of Mayor or VA
Clerk Treasurer		\$35,485.36		
Salaries	1000-730-190-0000	\$10,125.00		Student Work and Jobs & Family Services Program
Ohio Public Employees Retirement System	1000-730-211-0000	\$1,417.50		14%
Social Security	1000-730-212-0000	\$0.00		
Medicare	1000-730-213-0000	\$0.00		0.00%
Workers' Compensation	1000-730-225-0000	\$0.00		0.00%
Uniforms and Clothing	1000-730-270-0000	\$0.00		
Utilities	1000-730-310-0000	\$37,647.96		
Telephone	1000-730-321-0000	\$0.00		
Other - Other Contractual Services	1000-730-399-0000	\$23,253.55		
Operating Supplies and Materials	1000-730-420-0000	\$7,864.41		Money from 690 will be moved for Banner support
Other - Capital Outlay	1000-730-590-0000	\$0.00		
Other - Other	1000-730-690-0000	\$2,000.00		Expenditure at the Discretion of Mayor or VA
Lands and Buildings Total		\$82,308.42		
Election Expenses	1000-735-345-0000	\$1,869.48		
Other - Other	1000-735-690-0000	\$0.00		Expenditure at the Discretion of Mayor or VA
Boards and Commissions Total		\$1,869.48		
Tax Collection Fees	1000-740-344-0000	\$11,705.36		
	1000-740-690-0000	\$0.00		Expenditure at the Discretion of Mayor or VA
County Auditor Total		\$11,705.36		
Auditing Services	1000-745-342-0000	\$0.00		
Other - Other	1000-745-690-0000	\$0.00		Expenditure at the Discretion of Mayor or VA
State Auditor Fee Total		\$0.00		
Other - Personal Services	1000-755-190-0000	\$24,478.63		2.8% COLA, 0.0% Anniversary Adjustment, 26 Pay-Periods
Ohio Public Employees Retirement System	1000-755-211-0000	\$3,427.01		14.00%
Medicare	1000-755-213-0000	\$354.94		1.45%
Medical/Hospitalization/Vision	1000-755-221-0000	\$0.00		
Dental Insurance	1000-755-223-0000	\$649.93		
Workers' Compensation	1000-755-225-0000	\$469.04		1.92%
Travel and Transportation	1000-755-252-0000	\$0.00		
Housing and Meals	1000-755-260-0000	\$0.00		
Other - Other Contractual Services	1000-755-399-0000	\$81,401.06		
Operating Supplies and Materials	1000-755-420-0000	\$1,993.79		
Other - Capital Outlay	1000-755-590-0000	\$0.00		
Other - Other	1000-755-690-0000	\$1,000.00		Expenditure at the Discretion of Mayor or VA
Tax Administration Total		\$113,774.40		
Other - Capital Outlay	1000-765-590-0000	\$0.00		
Distribution Income Tax Total		\$0.00		
Communications, Printing and Advertising	1000-790-320-0000	\$0.00		
Communications, Printing and Advertising		\$0.00		
Principal	1000-850-710-0000	\$54,500.00		
Interest	1000-850-720-0000	\$2,795.00		
Debt Service Total		\$57,295.00		
Transfers - Out	1000-910-910-0000	\$0.00		
Transfers - Out Other Misc	1000-910-910-0001	\$0.00		
Debt Service Total		\$0.00		
Advances Out	1000-920-920-0000	\$0.00		
Debt Service Total		\$0.00		
Contingencies	1000-930-930-0000	\$0.00		\$0.00
Contingencies - Construction Reserve	1000-930-930-5000	\$0.00		\$16,400.20
Contingencies - Capital Reserve	1000-930-930-5001	\$0.00		
Contingencies - Capital Reserve	1000-930-930-5002	\$0.00		\$25,107.00
Contingencies Total		\$0.00		
Other - Other Financing Uses	1000-990-990-0000	\$0.00		
Other Total	Revenue Generated	\$0.00		Certificate from Pickaway County
General Fund Total	\$2,831,537.73		\$2,231,389.43	\$2,231,398.00
Other-Communications, Printing & Advertising	2011-610-329-0000	\$0.00		
Other - Personal Services	2011-620-190-0000	\$0.00		2.8% COLA, 0.0% Anniversary Adjustment, 26 Pay-Periods
Ohio Public Employees Retirement System	2011-620-211-0000	\$0.00		14.00%
Medicare	2011-620-213-0000	\$0.00		1.45%

Description	Fund / Program	Temporary Appropriation		Non-binding Narrative for 2019 Budget		
	/ Object #	Object&Program	Fund	FOR MEMORANDUM USE ONLY (Guidelines)		
Account Name	Account Code	Total	Total	%s are times the Salary 190 Fund Account		
Medical/Hospitalization/Vision	2011-620-221-0000	\$0.00		Healthcare Premium & Deductible		
Dental Insurance	2011-620-223-0000	\$0.00		Healthcare Premium		
Workers' Compensation	2011-620-225-0000	\$0.00		1.92%		
Uniforms and Clothing	2011-620-270-0000	\$370.76				
Other Employee Fringe Benefit	2011-620-290-0000	\$0.00				
Other - Other Contractual Services	2011-620-399-0000	\$7,996.01				
Operating Supplies and Materials	2011-620-420-0000	\$11,284.05				
Repairs and Maintenance of Motor Vehicles	2011-620-433-0000	\$12,103.83		Vehicle Maintenance		
Fuel, Oil, & etc.	2011-620-439-0000	\$8,145.91		Fuel & Oil		
Other - Capital Outlay	2011-620-590-0000	\$12,582.03				
Other - Other	2011-620-690-0000	\$53,500.00				
Other - Other Contractual Services for Street Cleaning, Snow & Ice Removal	2011-630-399-0000	\$10,433.17				
Operating Supplies and Materials for Street Cleaning, Snow & Ice Removal	2011-630-420-0000	\$0.00				
Operating Supplies and Materials	2011-640-420-0000	\$0.00				
Operating Supplies and Materials Traffic Signs & Signals	2011-650-420-0000	\$686.67				
Other - Capital Outlay	2011-650-590-0000	\$2,060.00				
Other - Other	2011-650-690-0000	\$0.00		Expenditure at the Discretion of Mayor or VA		
Principal	2011-850-710-0000	\$18,486.76				
Interest	2011-850-720-0000	\$87.36				
Street Maintenance and Repair Total	Calculated Revenue	\$268,904.21	\$137,736.55	\$137,736.55	Certificate from Pickaway County	\$137,775.00
Operating Supplies & Materials Street Maintenance & Repair	2021-620-420-0000	\$0.00				
Other - Capital Outlay Street Maintenance & Repair	2021-620-590-0000	\$12,272.87				
Operating Supplies and Materials	2021-630-420-0000	\$0.00				
Operating Supplies and Materials	2021-640-420-0000	\$0.00				
Electricity Traffic Signals, Signs	2021-650-311-0000	\$310.48				
Other - Other Contractual Services	2021-650-399-0000	\$0.00				
Operating Supplies and Materials	2021-650-420-0000	\$0.00				
Other - Capital Outlay	2021-650-590-0000	\$0.00				
Principal	2021-850-710-0000	\$0.00				
Interest	2021-850-720-0000	\$0.00				
State Highway Total	Calculated Revenue	\$39,190.15	\$12,583.35	\$12,583.35	Certificate from Pickaway County	\$12,586.58
Other - Other Contractual Services	2041-310-399-0000	\$0.00				
Other - Capital Outlay	2041-310-590-0000	\$3,228.67				
Other - Other Outlay	2041-310-690-0000	\$0.00				Expenditure at the Discretion of Mayor or VA
Parks Total	Calculated Revenue	\$10,954.40	\$3,228.67	\$3,228.67	Certificate from Pickaway County	\$3,732.73
Other - Other Contractual Services	2042-320-399-0000	\$0.00				
Buildings and Other Structures	2042-320-530-0000	\$0.00				
Parks Special Total	Calculated Revenue	\$0.00	\$0.00	\$0.00	Certificate from Pickaway County	\$200.00
Other - Other Contractual Services	2081-110-399-0000	\$0.00				
Operating Supplies & Materials Street Maintenance & Repair	2081-620-420-0000	\$0.00				
Special Police Fund	Calculated Revenue	\$1,612.17	\$0.00	\$0.00	Certificate from Pickaway County	\$0.00
Streets, Highways, Curbs and Sidewalks	2101-610-396-0000	\$80,873.33				
Operating Supplies and Materials	2101-610-420-0000	\$9,204.40				
Other - Capital Outlay	2101-610-590-0000	\$0.00				
Streets, Highways, Curbs and Sidewalks	2101-640-396-0000	\$0.00				
Operating Supplies and Materials	2101-640-420-0000	\$0.00				
Other - Capital Outlay	2101-640-590-0000	\$3,637.16				
Motor Vehicle Total	Calculated Revenue	\$90,432.59	\$93,714.89	\$93,714.89	Certificate from Pickaway County	\$94,012.55
Other - Other Contractual Services	2271-110-348-0000	\$4,475.77				
Special Police Education Fund	Calculated Revenue	\$12,895.67	\$4,475.77	\$4,475.77	Certificate from Pickaway County	\$4,520.00
Other - Other Contractual Services	2901-610-399-0000	\$8,414.00				
Street Building Fund Total	Calculated Revenue	\$21,904.00	\$8,414.00	\$8,414.00	Certificate from Pickaway County	\$8,628.33
Other - Other Contractual Services	2902-640-399-0000	\$0.00				
Operating Supplies and Materials	2902-640-420-0000	\$0.00				
Surface Water Fund Total	Calculated Revenue	\$26,441.14	\$0.00	\$0.00	Certificate from Pickaway County	\$8,468.47
Other - Capital Outlay	2903-790-590-0000	\$19,064.82				
General Building Fund Total	Calculated Revenue	\$33,641.82	\$19,064.82	\$19,064.82	Certificate from Pickaway County	\$19,064.82
Other - Other Contractual Services	2904-720-399-0000	\$3,045.00				Software upgrade
Operating Supplies and Materials	2904-720-420-0000	\$589.15				
Other - Capital Outlay	2904-720-590-0000	\$0.00				
Mayors Court Total	Calculated Revenue	\$1,497.05	\$3,634.15	\$3,634.15	Certificate from Pickaway County	\$3,635.04
Other - Other	2905-690-690-0000					
Transfers - Out	2905-910-910-0000	\$0.00				
FEMA	Calculated Revenue	\$1,497.05	\$0.00	\$0.00	Certificate from Pickaway County	\$0.31
Grant Contractual	4201-800-399-0000	\$0.00				Some Money Already Debited
Past Grant	Calculated Revenue	\$0.31	\$0.00	\$0.00	Certificate from Pickaway County	\$0.00
Grant Contractual	4202-800-399-0000	\$0.00				
Past Grant	Calculated Revenue	\$0.00	\$0.00	\$0.00	Certificate from Pickaway County	\$0.00
Grant Contractual	4203-800-399-0000	\$0.00				Some Money Already Debited
OPWC Railroad Crossing Relocation	Calculated Revenue	\$0.00	\$0.00	\$0.00	Certificate from Pickaway County	\$0.00
Other - Personal Services	5101-531-190-1000	\$33,653.33				2.8% COLA, 0.0% Anniversary Adjustment, 26 Pay-Periods
Ohio Public Employees Retirement System	5101-531-211-0000	\$4,711.47				14.00%
Medicare	5101-531-213-0000	\$487.97				1.45%
Medical/Hospitalization/Vision	5101-531-221-0000	\$27,798.79				Healthcare Premium & Deductible
Dental Insurance	5101-531-223-0000	\$140.79				Healthcare Premium
Workers' Compensation	5101-531-225-0000	\$644.83				1.92%

Description	Fund / Program	Temporary Appropriation		Non-binding Narrative for 2019 Budget		
	/ Object #	Object&Program	Fund	FOR MEMORANDUM USE ONLY (Guidelines)		
Account Name	Account Code	Total	Total	%s are times the Salary 190 Fund Account		
Travel and Transportation	5101-531-252-0000	\$0.00				
Other - Other Contractual Services	5101-531-399-0000	\$1,608.65				
Operating Supplies and Materials	5101-531-420-0000	\$543.30				
Vehicle Maintenance New Account	5101-531-433-0000	\$0.00			Vehicle Maintenance New Account	
Fuel & Oil	5101-531-439-0000	\$0.00			Fuel & Oil	
Other - Other	5101-531-690-0000	\$5,000.00			Expenditure at the Discretion of Mayor or VA	
Other - Personal Services	5101-532-190-0000	\$11,289.91			2.8% COLA, 0.0% Anniversary Adjustment, 26 Pay-Periods	
Ohio Public Employees Retirement System	5101-532-211-0000	\$1,580.59			14.00%	
Medicare	5101-532-213-0000	\$163.70			1.45%	
Medical/Hospitalization/Vision	5101-532-221-0000	\$3,075.60			Healthcare Premium & Deductible	
Dental Insurance	5101-532-223-0000	\$89.35			Healthcare Premium	
Workers' Compensation	5101-532-225-0000	\$216.33			1.92%	
Travel and Transportation	5101-532-252-0000	\$0.00				
Communications, Printing and Advertising	5101-532-320-0000	\$0.00				
Other - Other Contractual Services	5101-532-399-0000	\$2,450.84				
Operating Supplies and Materials	5101-532-420-0000	\$3,429.09				
Other - Capital Outlay	5101-532-590-0000	\$0.00				
Other - Other	5101-532-690-0000	\$3,000.00			Expenditure at the Discretion of Mayor or VA	
Other - Personal Services	5101-533-190-0000	\$69,843.68			2.8% COLA, 0.0% Anniversary Adjustment, 26 Pay-Periods	
Ohio Public Employees Retirement System	5101-533-211-0000	\$9,778.12			14.00%	
Medicare	5101-533-213-0000	\$1,012.73			1.45%	
Medical/Hospitalization/Vision	5101-533-221-0000	\$25,174.31			Healthcare Premium & Deductible	
Dental Insurance	5101-533-223-0000	\$338.45			Healthcare Premium	
Workers' Compensation	5101-533-225-0000	\$1,338.27			1.92%	
Travel and Transportation	5101-533-252-0000	\$59.88				
Housing and Meals	5101-533-260-0000	\$150.00				
Uniforms and Clothing	5101-533-270-0000	\$335.09				
Utilities	5101-533-310-0000	\$36,126.52				
Telephone	5101-533-321-0000	\$1,180.00				
Training Services	5101-533-348-0000	\$295.27				
Other - Other Contractual Services	5101-533-399-0000	\$70,773.18				
Other - Other Contractual Services Water Tower Payment	5101-533-399-0001	\$79,093.55			Amount for Tower Maintenance	
Operating Supplies and Materials	5101-533-420-0000	\$90,311.86				
Repairs and Maintenance of Motor Vehicles	5101-533-433-0000	\$3,061.00			Vehicle Maintenance	
Fuel, Oil, & etc.	5101-533-439-0000	\$1,192.78			Fuel & Oil	
Other - Capital Outlay	5101-533-590-0000	\$0.00			Emergency Fund Based Upon OhioEPA Recommendation	
Other - Other	5101-533-690-0000	\$169,051.65			Expenditure at the Discretion of Mayor or VA	
Other Debt Service Principal	5101-850-710-0000	\$1,446.04				
Other - Debt Service Interest	5101-850-720-0000	\$20.79				
Other - Debt Service	5101-850-790-0000	\$0.00				
Advances Out	5101-920-920-0000	\$0.00				
Water Total	Calculated Revenue	\$656,800.89	\$660,467.70	\$660,467.70	Certificate from Pickaway County	\$709,558.63
Other - Personal Services	5201-541-190-0000	\$37,635.81			2.8% COLA, 0.0% Anniversary Adjustment, 26 Pay-Periods	
Ohio Public Employees Retirement System	5201-541-211-0000	\$5,269.01			14.00%	
Medicare	5201-541-213-0000	\$545.72			1.45%	
Medical/Hospitalization/Vision	5201-541-221-0000	\$27,810.02			Healthcare Premium & Deductible	
Dental Insurance	5201-541-223-0000	\$95.65			Healthcare Premium & Deductible	
Workers' Compensation	5201-541-225-0000	\$721.14			1.92%	
Travel and Transportation	5201-541-252-0000	\$0.00				
Utilities	5201-541-310-0000	\$0.00				
Telephone	5201-541-321-0000	\$0.00				
Training Services	5201-541-348-0000	\$0.00				
Other - Other Contractual Services	5201-541-399-0000	\$1,666.95				
Operating Supplies and Materials	5201-541-420-0000	\$994.14				
Repairs and Maintenance of Motor Vehicles	5201-541-433-0000	\$0.00			Vehicle Maintenance	
Fuel, Oil, & etc.	5201-541-439-0000	\$0.00			Fuel & Oil	
Other - Other	5201-541-690-0000	\$0.00			Expenditure at the Discretion of Mayor or VA	
Other - Personal Services	5201-542-190-0000	\$11,289.91			2.8% COLA, 0.0% Anniversary Adjustment, 26 Pay-Periods	
Ohio Public Employees Retirement System	5201-542-211-0000	\$1,580.59			156218.00%	
Medicare	5201-542-213-0000	\$163.70			25784.00%	
Medical/Hospitalization/Vision	5201-542-221-0000	\$3,075.60			Healthcare Premium & Deductible	
Dental Insurance	5201-542-223-0000	\$89.35			Healthcare Premium & Deductible	
Workers' Compensation	5201-542-225-0000	\$216.33			19960.00%	
Travel and Transportation	5201-542-252-0000	\$100.00				
Communications, Printing and Advertising	5201-542-320-0000	\$0.00				
Other - Other Contractual Services	5201-542-399-0000	\$0.00				
Operating Supplies and Materials	5201-542-420-0000	\$2.75				
Other - Capital Outlay	5201-542-590-0000	\$0.00				
Other - Other	5201-542-690-0000	\$60.77			Expenditure at the Discretion of Mayor or VA	
Other - Personal Services	5201-543-190-0000	\$79,277.50			2.8% COLA, 0.0% Anniversary Adjustment, 26 Pay-Periods	
Ohio Public Employees Retirement System	5201-543-211-0000	\$11,098.85			1178023.00%	
Medicare	5201-543-213-0000	\$1,149.52			101799.00%	
Medical/Hospitalization/Vision	5201-543-221-0000	\$29,834.31			Healthcare Premium & Deductible	
Dental Insurance	5201-543-223-0000	\$473.82			Healthcare Premium	
Workers' Compensation	5201-543-225-0000	\$1,519.04			176395.00%	
Travel and Transportation	5201-543-252-0000	\$193.86				

Description	Fund / Program	Temporary Appropriation		Non-binding Narrative for 2019 Budget	
	/ Object #	Object&Program	Fund	FOR MEMORANDUM USE ONLY (Guidelines)	
Account Name	Account Code	Total	Total	%s are times the Salary 190 Fund Account	
Housing and Meals	5201-543-260-0000	\$0.00			
Uniforms and Clothing	5201-543-270-0000	\$494.40			
Utilities	5201-543-310-0000	\$75,286.81			Add \$50,000 in Final Appropriation Budget
Telephone	5201-543-321-0000	\$2,838.69			
Training Services	5201-543-348-0000	\$1,222.27			
Other - Other Contractual Services	5201-543-399-0000	\$40,077.52			Add \$70,000 in Final Appropriation Budget
Operating Supplies and Materials	5201-543-420-0000	\$46,989.99			Add \$30,000 in Final Appropriation Budget
Repairs and Maintenance of Motor Vehicles	5201-543-433-0000	\$13,153.25			Vehicle Maintenance
Fuel, Oil, & etc.	5201-543-439-0000	\$2,642.38			Fuel & Oil
Other - Capital Outlay	5201-543-590-0000	\$0.00			Emergency Fund Based Upon OhioEPA Recommendation
Other - Other	5201-543-690-0000	\$0.00			Expenditure at the Discretion of Mayor or VA
Other Contractual I & I	5201-549-399-5004	\$131,584.20			
Other Contractual I & I	5201-549-439-5005	\$0.00			
Other - Debt Service Principal	5201-850-710-0000	\$476,581.48			OWDA and OPWC Loan Principal
Other - Debt Service Interest	5201-850-720-0000	\$77,440.38			Add \$140,677 in Final Appropriation Budget
Other -Debt Service	5201-850-790-0000	\$0.00			
Transfers - Out	5201-910-910-0000	\$0.00			
Sewer Total Revenue Adjusted for I & I \$668,637	Calculated Revenue	\$1,346,118.41	\$1,083,175.71	\$1,083,175.71	Certificate from Pickaway County \$1,089,630.52
Other - Capital Outlay	5701-800-590-0000	\$91,000.00			
Transfers - Out	5701-910-910-0000	\$0.00			
Advances - Out	5701-920-920-0000	\$0.00			
Water Improvement Total	Calculated Revenue	\$150,000.00	\$91,000.00	\$91,000.00	Certificate from Pickaway County \$91,325.66
Sewer Plant Expansion	5702-543-560-5003	\$87,514.50			OWDA
Other - Capital Outlay	5702-800-590-0000	\$0.00			
Principal	5702-850-710-0000	\$0.00			
Interest	5702-850-720-0000	\$0.00			
Advances - Out	5702-820-920-0000	\$0.00			
Sewer Improvement Total	Calculated Revenue	\$150,000.00	\$87,514.50	\$87,514.50	Certificate from Pickaway County \$88,000.38
Utility Distribution Systems	5703-800-399-0000	\$0.30			
Improvement Fund Total OPWC	Calculated Revenue	\$1,412,789.13	\$0.30	\$0.30	Certificate from Pickaway County \$548.30
Other - Personal Services	5704-640-190-0000	\$0.00			
Ohio Public Employees Retirement System	5704-640-211-0000	\$0.00			
Medicare	5704-640-213-0000	\$0.00			
Medical/Hospitalization/Vision	5704-640-221-0000	\$0.00			
Dental Insurance	5704-640-223-0000	\$0.00			
Workers' Compensation	5704-640-225-0000	\$0.00			
Communications, Printing and Advertising	5704-640-320-0000	\$0.00			
Other - Other Contractual Services	5704-640-399-0000	\$0.00			
Operating Supplies and Materials	5704-640-420-0000	\$7,014.44			
Repairs and Maintenance of Motor Vehicles	5704-640-433-0000	\$2,825.11			
Other - Other	5704-640-590-0000	\$696.93			
Other - Other	5704-640-690-0000	\$480.67			
Other - Personnel	5704-800-190-0000 D	\$0.00			
Other Contractual Services	5704-800-399-0000	\$0.00			
Operating Supplies and Materials	5704-800-420-0000	\$17,954.00			
Other - Capital Outlay	5704-800-590-0000	\$0.00			
Other - Other	5704-800-690-0000	\$57,792.43			
Principal	5704-850-710-0000	\$0.00			
Principal (Other Misc)	5704-850-710-1000	\$13,211.89			
Interest	5704-850-720-0000	\$0.00			
Interest (Other Misc)	5704-850-720-1000	\$24.95			
Stormwater Department	Calculated Revenue	\$132,000.00	\$100,000.41	\$100,000.41	Certificate from Pickaway County \$100,507.51
Principal	5721-850-710-0000	\$0.00			
Interest	5721-850-720-0000	\$0.00			
TOTAL UTIL, DEBT SERV. RES. (5721)	Calculated Revenue	\$0.34	\$0.00	\$0.00	Certificate from Pickaway County \$0.34
Other - Debt Service	5741-850-790-0000	\$25,000.00			
FmHA Debt Reserve	Calculated Revenue	\$25,000.00	\$25,000.00	\$25,000.00	Certificate from Pickaway County \$0.00
Other - Debt Service	5742-850-790-0000	\$25,000.00			
5742 FmHA Debt Surplus	Calculated Revenue	\$25,000.00	\$25,000.00	\$25,000.00	Certificate from Pickaway County \$0.00
Deposits Refunded	5781-599-610-0000	\$2,700.00			
Deposits Applied	5781-599-620-0000	\$242.82			
Deposit Fund Total	Calculated Revenue	\$9,516.27	\$2,942.82	\$2,942.82	Certificate from Pickaway County \$3,013.27
Professional and Technical Services	9901-790-340-0000	\$15,000.00			
	Calculated Revenue	\$0.00	\$15,000.00	\$15,000.00	Certificate from Pickaway County \$15,000.00
		\$7,247,733.32		\$4,604,343.07	\$4,620,858.14

The yellow cells will be the focus of the Permanent Appropriation Budget in 2019 and the blue cells are new funding codes or earmarked funding codes. The Village Council authorizes that funds may be expended for coffee, meals, refreshments and /or other amenities for municipal officers, employees or other persons. The Village Fiscal Officer is authorized to draw warrants on the Village Treasury for payments from any of the appropriations upon receiving proper certificates and vouchers, approved by the Council or officers authorized by law, or an ordinance or resolution of council to make the expenditure; provided that no warrants shall be drawn or paid for salaries or wages except to persons employed by authority of and in accordance with law or ordinance. All interest earned by the Village of Ashville unless indicated differently by the Ohio Revised Code (ORC) will be applied to the General Fund. Provided further that the appropriations for contingencies can only be expended upon vote of two-thirds of Council for items of expense constituting a legal obligation against the village, and for purposes other than those covered by other specific appropriations.