Section VIII – Cost and Financing of Plan Implementation (ORC Section 3734.53 (A)(9), (12) and (B)

This section includes the costs for programs and activities, facilities constructed and the funding mechanisms used to meet the District's budget through 2027. Portions of this section are considered a part of the implementation schedule required in accordance with ORC Section 3734.53 (A)(12).

A. Funding Mechanisms and Amount of Money Generated

1. District Disposal Fees as per ORC Section 3734.57 (B)

The District will maintain the same level of disposal fees currently in place.

$1.50 per ton for disposal at a sanitary landfill located in the District, of solid wastes generated within the District. In addition, as per the Designation Agreements (Section VI), the District has imposed the same level of fee ($1.50/ton) for Mahoning County generated solid waste that is disposed in all sanitary landfills that are designated. Designation, as per Resolution of Final Designation in Appendix G, requires sanitary landfill officials to sign the Designation Agreement, also included in Appendix G.

$3.00 per ton for disposal at a sanitary landfill located in the District, of solid wastes generated outside the boundaries of the District, but inside the State of Ohio.

$1.50 per ton for disposal at a sanitary landfill located in the District, of solid wastes generated outside the boundaries of the State of Ohio.

$1.50 per ton for disposal at a sanitary landfill located in the District, of solid wastes generated in Cuyahoga County through the continuation of the Joint Use Agreement that commenced in May 1997 and through approval of the Board of Directors, continues indefinitely. Agreement in Appendix M. This is permitted as per ORC 343.02 and ORC 3734.57 (D)(2).

Total Disposal Fees Collected by District in Reference Year 2009: $2,589,228.00 (will round to whole dollars for all monetary calculations in this section). As noted in previous plan updates and on fee reporting forms, any difference between the reported fee revenue and plan calculated revenue is a result of the different accounting methods utilized: accrual-based vs. cash-based. The same for any variance in expenditures.

2. Generation Fees – The District will not impose a generation fee, thus Table VIII-2 is not required.

3. Summary of District Revenues

Table VIII – 1 shows the projections of disposal fee revenues throughout the planning period. As is evident by the disposal fee decline from 2003, the previous Plan Update

reference year, through 2009, the current reference year; the District has had to contend with declining revenue which is projected to be stagnant and not exceed 3-million dollars throughout the planning period.

2003:	$3,581,216.00
2004:	$3,337,369.00 – decline of 6.8% from 2003 revenue level
2005:	$3,091,400.00 – decline of 13.7% from 2003 revenue level
2006:	$3,110,533.00 – decline of 13.1% from 2003 revenue level
2007:	$2,852,559.00 – decline of 20.3% from 2003 revenue level
2008:	$2,834,385.00 – decline of 20.9% from 2003 revenue level
2009:	$2,589,228.00 – decline of 27.7% from 2003 revenue level
2010:	$2,823,945.00 – decline of 21.1% from 2003 revenue level

Although 2010 arrived at $2,823,945.00, the spike was due to temporary contracts that landfill operators had with in-state, out-of-district communities such as Portage County. There are 3 primary reasons for the decline in disposal fee revenues from 2003.

1) Due to the District's aggressive and successful recycling programs, less in-district solid waste has been generated, thus less landfill disposal fee revenues. 2009 in-district tons for fees: 232,859 tons vs. 2003 at 323,068 tons (- 90,209 tons or $135,314.00). Disposal tonnage confirmed with Facility Data Reports.
2) Through the constant and diligent efforts of the District, with assistance from the Board of Health landfill inspectors and the Litter Law Enforcement Deputies; haulers that traditionally were misrepresenting the origin of their loads have realized that they will be cited and prosecuted. Thus instead of these unscrupulous haulers taking their Trumbull County-generated loads to District landfills and falsely declaring the loads as originating in Mahoning County, thus avoiding the District's higher level fee ($3.00/ton vs. $1.50/ton), and their avoidance of paying the Geauga/Trumbull SWMD generation fee; they are truthfully representing the origin of loads for fear of being cited and prosecuted. The District realizes one or more haulers may not be in compliance; however, the rampant violation of this requirement has dramatically declined.
3) All 3 sanitary landfills have reported less long-haul or out-of-state solid waste being accepted at their facilities due to the spike in diesel fuel costs in 2008 causing truck operators to seek alternative disposal sites for New York, Pennsylvania, and New Jersey solid waste. In addition, other Ohio landfill facilities such as APEX in Jefferson County have provided competition to District-based landfills for out-of-state waste. Since the APEX facility opened in 2007, it has attracted out-of-state volume from local landfills as observed by facility operators. However, the downward trend has stabilized and Central Waste Landfill in Smith Township has rail capabilities in place for the acceptance of out-of-state waste, and Carbon Limestone had an 11.6% increase in out-of-state waste between 2009 and 2010 with 2011 data trending upward as of the writing of this update (+ 17% through August 2011). Thus the District projects the out-of-state waste level will increase slightly at just 1% annually as the landfills continue to provide competitive pricing for this source of solid waste.

As demonstrated below, both tiers 1 and 3 have declined. Note – Central Waste Landfill was not operational in 2006.

2009	Tier One	Tier Two	Tier Three	Cuyahoga	Total
Carbon L.L.	120,131	194,447	389,822	79,401	783,801
Central W.L.	31,868	125,496	168,277	11,644	337,285
Mahoning L.	80,860	68,940	66,384	0	216,184
Total	232,859	388,883	624,483	91,045	1,337,270

2006	Tier One	Tier Two	Tier Three	Cuyahoga	Total
Carbon L.L.	185,306	209,040	1,003,102	72,816	1,470,264
Central W.L.	0	0	0	0	0
Mahoning L.	144,130	87,986	74,280	0	306,396
Total	329,436	297,026	1,077,382	72,816	1,776,660

Tier One Comparison – loss of 96,577 tons equating to $144,866.00 (rounded to whole dollar) in less revenue.
Tier Three Comparison – loss of 452,899 tons equating to $679,349.00 in less revenue. The gain in Tier Two hardly offsets the loss in Tiers One and Three.

Hence, as evident in the projections listed in Table VIII-1, the District must maintain fiscal prudence by cutting expenditures that are not related to waste reduction programs which remain the top priority. In generating Table VIII-1, the District used actual data as listed on the monthly landfill fee reports for 2009 and 2010 (please note draft was being finalized prior to distribution of 2010 FDR, thus projections were based on historical information). 2011 Fees were based on the percentage ratio by reviewing the first 5-month performance of previous years and applying the percentage to data available at plan drafting time. Table VIII-I shows 2011 in-district tonnage at 234,000 for fees realizing that although declining from previous years, a projected 10,000 tons will be divided between the ETSI and TWL transfer stations located in Trumbull County. The District did not include transfer station acceptance after 2011 since TWL officially stopped accepting waste in mid-2011, and the belief based on designation agreement reports received through the first half of 2011 that haulers will direct haul to the landfills for economic reasons and not use the existing transfer station in Trumbull County.

For 2012 onward, fees were conservatively projected by applying a decline of .5% annually to Cuyahoga fees as the trend and observations support such conclusion. In-District tonnage levels were projected in Section V with an explanation provided for the continued decline in both residential/commercial and industrial solid waste generation.

A slight 1% annual increase for out-of-state tonnage was determined appropriate by considering the aggressive, competitive efforts District-based landfills (Carbon Limestone, Central Waste, and Mahoning Landfill) are utilizing to obtain more tonnage from New York, New Jersey, and Pennsylvania. Tier two fees are projected to increase by .5% annually as Ohio communities bordering the District continue to utilize the

landfills available. The 2010 vs. 2009 tier two fee-volume increased by 30.9%; and the Central Waste landfill alone witnessed a 65.5% increase between those two years largely due to its presence near the borders of Stark and Portage counties. However, that dramatic increase will not be sustained, thus the justification for a conservatively projected increase of .5% annually.

Table VIII-3 presents revenues anticipated from disposal fees and designation agreement fees. The District used the designation fees generated during the first half of 2011 to project the fees that will be generated from designated facilities that were required to commence paying $1.50/ton for Mahoning County generated solid waste in 2011. The District used internal monthly facility reporting records to determine that the designation agreement fees represented .07% of the total fees obtained during the first half of 2011. Thus, this percentage was applied to generate the amounts for DA fees in VIII-3 beginning in 2012 and continuing throughout the timeline.

Not included is the in-kind contribution provided to the District through the host agreement with Carbon Limestone Landfill as referenced previously. The contribution is the curbside recycling collection service as set through the 1994 Recycling Agreement with copy provided in Appendix J. The Agreement provides for the District to receive, at no cost, bi-weekly curbside recycling collection services for the following communities: cities of Youngstown, Struthers, Canfield and Campbell; villages of Lowellville, Poland and New Middletown, and the townships of Austintown, Boardman, Canfield, and Poland. In 2009, 3,793 tons of newspaper, magazines, ad slicks, pamphlets, metal food and beverage cans, glass and plastic (#1 thru #7) bottles were collected. The dollar value of this service is estimated at $1,200,000.00 per year; however, as this is not actual revenue that the District may expend, it is not included in Table VIII-3.

Contract Fees

In 2010, the District and Board of Commissioners (Board of Directors) negotiated and signed an agreement with Vogel, Inc., a company that operates several hauling firms and the Seneca Landfill located in Pennsylvania. As a contract fee and not disposal fee, the District may permit the revenues that may be generated from the agreement to be used by the County Commissioners for purposes they deem appropriate. Thus revenues will not be included in Table VIII-3 as they will be deposited for county general fund use as determined by the Commissioners. This was a goodwill gesture between the Mahoning County Commissioners and the Seneca Landfill. The Seneca Landfill, as explained in Section III (B) “Existing Solid Waste Landfill Facilities”, is not included for in-district tonnage. The agreement is in Appendix L.

In 2006, the Board of Commissioners negotiated and signed a contract fee agreement with Transload America, operators of the Central Waste Landfill in Smith Township. This included a per/ton fee on all out-of-state solid waste accepted at the facility to be collected and forwarded to the Mahoning County general fund for non-district uses. In addition, the company must pay Smith Township additional host fees that they will use for township purposes. Thus, this revenue will not be included in Table VIII-3. A copy is included in Appendix K.

Designation Agreement Fees
Although at the same level of disposal fees ($1.50/ton) for District-generated solid waste that is accepted by any sanitary landfill that is designated in Section VI, since these are fees generated by out-of-district landfill facilities; they are listed separately in Table VIII-3. The projected revenue level is based on reports received from the designated facilities for the first six months of 2011. The District will not receive $1.50/ton on Mahoning County generated solid waste taken to transfer stations as only landfills must pay the fee. There were 2 transfer stations located in Trumbull County that accepted District waste in 2009 and 2010; however, the largest of the facilities – Total Waste Logistics – has stopped acceptance as per the official notification received on July 26, 2011 that states: "Total Waste Logistics LAS, LLC ceased its transfer station activity on June 23, 2011" – signed Jeffery Carr, Controller.

A copy of the Designation Agreement and monthly fee report is included in Appendix G as well as the TWL notification referenced in the preceding paragraph.

Recycling Revenue
Although funds generated from the value of collected recyclable materials is a method for revenue generation, the District will maintain the current system whereby drop-off site and business recycling route servicing costs are kept lower by permitting the contracted companies to keep the revenues from the value of the materials. The District holds firm the belief that significant savings have been realized by entering into multi-year contracts with service providers with a locked-in price per bin pull (drop-off sites and schools) or per business collection, versus a higher pull or route cost with the District receiving constantly fluctuating recyclable material commodity value.

The District's director previously served as the recycling coordinator in the 1990's and can recall initial drop-off site contracts whereby the District received a value for the materials. The 2010 per 30 cubic yard bin pull cost is $84.00/pull versus over $100.00/pull almost twenty years ago. The amount of revenue provided to the District did not offset the high pull costs. The decision was made in the late 1990's to no longer bid the service with recyclable material commodity value returned to the District as this resulted in a higher cost. The District has saved considerable revenue by structuring multi-year, locked-in pricing without concern of commodity value in return. Thus, Table VIII-3 will not include revenues generated by the value of the recyclable materials.

Grants
Although the District has been successful and extremely appreciative of the grants received, these are uncertain and periodic. The Rural Recycling Education and Awareness grants previously received through the United States Department of Agriculture are not continual and the District can not predict with any degree of certainty that they will be continued past 2011. The Ohio Division of Recycling and Litter Prevention grants received by the District are generally Market Development Grants that serve as pass-through revenue sources for private companies to build MRF structures or to purchase equipment in order to expand their ability to process recyclable or

compostable materials. The Community Development grants require a cash match from the District and are highly competitive thus not predictable. Thus, as the District greatly appreciates the grants that have been awarded and will continue to draft and submit grant applications to state and federal sources; the District can't predict the awarding of grants and so grant revenues will not be included in Table VIII-3.

Hence, Table VIII-3 will only include District Disposal Fees and Designation Agreement Fees. The District does not anticipate loans that would be secured by the District, thus Table VIII-4 is not included. As listed in Section VI – Table 4, total tonnage capacity available in Carbon Limestone, Central Waste, and Mahoning Landfill equal 27,757,379 (2009 FDR) tons. Total tons for placement thru 2027 as per Table VIII-I equal 25,295,885 tons, thus sufficient capacity will exist to accommodate the total tonnage anticipated for revenues. This doesn't include the designated facilities that increase capacity for in-district generated waste.

B. Costs of Plan Implementation

1. Fee Allocation

The following section identifies the process and sets the District's priorities for expenditure of disposal fees as enumerated in Section 3734.57(G)(1-10) of the Ohio Revised Code for preparing, revising, and implementing the District's Plan.

The District's annual budgeting process will continue as current, and in May of each year the Policy Committee (PC) will commence initial discussion. Public input is always welcomed whereby local government officials, business or industry personnel, and residents may make comment regarding the District's programs and the budget. In June, the PC permits stakeholders which include all entities and agencies that receive District funds such as the Board of Health, County Engineer's Dept., local governments that receive annual community recycling assistance, and other entities an opportunity to express the progress they have made during the past year and the need for continued funding. This meeting generally lasts several hours and the public is encouraged to attend and provide comment at the end. This process will continue indefinitely.

In August, the PC, after reviewing the Plan Update to ensure goals and objectives are met within the following year's budget and after reviewing the financial status of the District with information provided by the director and his staff – generate a draft budget and vote for majority approval. The director includes the budget approved by the PC in the annual Office of Management and Budget (OMB) forms due in September to the Board of Commissioners who serve as the District's Board of Directors. In November, the director is provided a budget hearing opportunity with the Board of Directors, and then approval occurs shortly thereafter. The annual budget process affords the public and interested parties ample opportunity to provide input although the District must abide by the ORC and Plan Update in order to ensure all Plan stated strategies are implemented in a timely and comprehensive manner. The PC and Board of Directors may decide to edit various parts of the budget which will not adversely affect the goals and mission of the District.

To guide the PC and Board of Directors in their annual budget creation process, the following priorities shall be used for the allocation of revenue.

PRIORITY ONE: Funding for costs associated with completion of the required draft and final solid waste management plan for the District and required reports and updates. This includes costs associated for monitoring the implementation of the plan to ensure all strategies are implemented as written, and costs for the administrative and operational components of the District.

PRIORITY TWO: Funding for costs associated with implementing waste reduction and recycling programs, without limitation, in order to serve the residents, businesses, and industries in Mahoning County; and to meet the mandates of the State Solid Waste Management Plan while protecting the health, safety and welfare of all residents.

PRIORITY THREE: Funding to provide financial assistance to the Mahoning County Board of Health for active and closed landfill inspections, and for collecting and analyzing samples from water wells on lands adjacent to landfill facilities on an as needed basis.

PRIORITY FOUR: Funding to provide financial assistance for litter prevention and illegal dumping law enforcement programs through the Mahoning County Sheriff's Department.

PRIORITY FIVE: Funding for costs associated with providing assistance to Mahoning County governmental entities such as the County Engineer and Emergency Management Agency to defray the added expenses for safety, emergency services, roadway, and facility maintenance.

The PC shall meet a minimum of eight times per year with the following agenda items completed in a timely fashion. Agenda items may be moved or continued from one meeting to another to permit appropriate and productive flexibility.

First Meeting (Jan. or Feb.):

- Review strategies and programs implemented in the previous year as to cost-effectiveness and productivity.
- Review strategies and programs to be implemented in the current year as per the Plan Update.
- Review the financial condition of District including cash and net-cash balances, carry-over amount, projections of disposal fee revenues for current year.
- Hold preliminary discussion regarding the budget creation process that will be implemented later in year.
- Other pressing business.

Second Meeting (March)

- Review the District's financial condition and the January disposal fee amounts.
- Discuss any needed adjustments to current budget.

- Discuss if indicators have determined a material change in circumstances as listed in Section One.
- Review recycling and waste reduction data for the first two months of year in contrast to the previous year and scrap metal recycling reports.
- Other pressing business.

Third Meeting (April)

- Review the first quarter disposal fee revenue received and determine the percentage change from the previous year.
- Hear updates from landfill operators to determine if fees will remain consistent or will change later in the year.
- Set the budget creation process and plan date for stakeholder's to address the Committee regarding requests for the following year.
- Review the Plan implementation progress report from director to determine if alterations are needed and if District is adhering to the goals and objectives.
- Other pressing business.

Fourth Meeting (May)

- Finalize plans for the budget creation process.
- Review income and expenditure projections from director and consider alterations if needed.
- Review the items that will comprise the Annual District Report due June 1st.
- Review Plan implementation progress as provided by director.
- Review the scrap metal processors' reports received to date for inconsistencies.
- Other pressing business.

Fifth Meeting (June)

- Provide an opportunity to all stakeholders, including township, city, and village local government officials; and agencies and entities that receive District funding to review their programmatic success and appeal for inclusion in the following year's budget.
- Set a firm date for the draft budget to be completed.
- Review the submitted Annual District Report.

Sixth Meeting (August)

- Discussion and completion of the District's draft budget for the following year.
- Officially request the District's director to present the budget to the Commissioners who serve as the District's Board of Directors for final approval.
- Other pressing business.

Seventh Meeting (October)

- Review Plan implementation progress with emphasis on the waste reduction and recycling initiatives that were implemented thus far and their apparent success or need for restructuring.

- Review the financial status of the District in terms of expenditures and revenues, and consider adjustments if needed.
- Discuss if any indicators have determined a material change in circumstances as listed in Section One.
- Review the scrap metal reports received.

Final Meeting (December)

- Review progress made with implementation of Plan strategies.
- Listen to director's year-end report and discuss progress made and possible changes that must be considered.
- Prepare for the following year with programs that will be implemented as per the Plan Update's list of waste reduction strategies.
- Review the decision of the Board of Directors regarding the full adoption or editing of the budget that was passed in August.
- Other pressing business.

2. Fee Assurance

Table VIII-5 lists the projected annual cost of plan implementation for the strategies and programs as stated in the Plan Update. Table VIII-8 lists the expenditures per the ORC Ten Allowable Uses beginning with 2009 and ending with 2027 with anticipated revenues and cumulative balance. Please note that the 2009 expenditure level variance between what was reported in the quarterly financial reports submitted to Ohio EPA, and the rectified total as determined through careful review of internal and county auditor records in preparation for this update, was a mere $43.00 (sum of 2009 financial reports - reported expenditures: $3,051,427.00 – internal records confirmed: $3,051,470.00 – as per Table VIII-5).

Below are costs commencing in 2013 with inflationary increases for the remainder of the timeline although in some cases the amount is either frozen or will decline depending on the priority level of the expenditure. Included is an explanation of the categories of costs as per the Ohio Revised Code, Section 3734.56. Although a 3 to 4% inflation rate was stated as reasonable in Format 3.0, the District is projecting more conservative, annual inflationary adjustments due to revenue generation levels and the need to sustain a sufficient cumulative balance throughout the timeline.

1) Preparation of the Solid Waste Management Plan of the District under section 3734.54 of the ORC, monitoring implementation of the Plan, and conducting the periodic review and amendment of the Plan as required by section 3734.56 of the ORC by the Policy Committee with Board of Director supervision.

<u>Year – 2013</u>
Total amount to be received in fees: **$2,671,445.00**
Amount to be distributed in 2013: **$220,000.00**
Frequency of distribution – annually.
Annual Inflationary Rate: 1% increase

Breakdown of Expenses: Director and Business Manager – salaries and benefits combined: $175,000; Legal – Mahoning County Prosecutor's Office: $45,000.00

Tasks: Director and Business Manager will ensure all funds are received, deposited into the appropriate account, and utilized for specific purposes as stated in the Plan Update. Director will ensure that all Plan strategies are implemented as stated in a timely and comprehensive manner and retains responsibility for completion and submission of all required reports. Management will maintain constant review of disposal fee revenues to ensure that correct fees are paid by facilities in accordance with all appropriate statutes and rules. Management will organize all Policy Committee meetings so tasks are completed as stated previously in this section. Management will ensure that staff conducts daily business in accordance with all appropriate county and other related rules and restrictions to ensure that the Plan Update is implemented in a cost-effective and efficient manner. Director will utilize the services of the Mahoning County Prosecutor's Office for all legal matters including generating agreements, contracts, review of documents, and prosecuting cases where violations occur.

Through attrition and working with the County Auditor's office to streamline fiscal matters, the District anticipates reduction of personnel in 2016 thus resulting in significant savings. In addition, the District anticipates that contract simplification will prompt an appropriate reduction in legal services' costs in 2016 from $45,000.00 to $41,212.00 or approximately 8.5% if not sooner.

2) Implementation of the approved Plan or amended Plan of the District, including, without limitation, the development and implementation of solid waste recycling or reduction programs.

Year - 2013

Amount to be distributed in 2013: **$2,092,500.00**
Frequency of distribution – annually.
Categories
***District Administration – Staff*: $445,000.00** (salaries and benefits with 1% annual inflationary rate) FTE = Full-Time Equivalent, PT = Part-Time
Includes FTE positions of Environmental Education Specialists (2), Receptionist, Secretary, Waste/Stats Specialist, Field Operators (2), and Commercial/Industrial Waste Reduction Coordinator and one PT worker.
The staff, under direction of management, will implement all the waste reduction strategies as listed in Section V. Through attrition, the District anticipates the elimination of positions in 2016 that will not be filled throughout the remainder of the timeline. All strategies will be implemented with the remaining staff. This will result in significant savings for personnel costs beginning in 2016.

Office Overhead – Includes the following expenditures with a 1% annual inflationary rate:
County cost allocation - $50,000.00 for office space/utilities

Office Supplies - $10,000.00
Postage – $4,000.00
Subscriptions - $200.00
Printing - $7,000.00
Equipment Lease - $3,500.00
Maintenance Agreements - $9,000.00
Insurance Liability - $3,600.00
Organization Dues - $700.00
Seminars/conferences - $1,000.00
Travel - $1,000.00
Telephone - $ 10,000.00
Software - $2,000.00
Total - $102,000.00

***Facility Operations* – 0**
District Headquarters – 0 (*permanent headquarters realized in 2011*)
MRF – 0 (*both are privately owned and operated*)
Landfills – 0 (*privately owned and operated: Carbon Limestone, Central Waste, and Mahoning Landfill*)
Composting Facilities – 0 (*privately owned and operated*)
Transfer Stations – 0 (*none in the District*)
Recycling Centers – 0 (*privately owned and operated buy-backs*)

***Tire Collection* - $14,000.00** with a **1%** annual inflationary adjustment
Centralized Bin for collection of tires: $4,000.00
Community Grants for implementation of one or multi-day tire recycling events: $10,000.00 for 10 community events.

***Household Hazardous Waste Collection Event*: $40,000.00** with a **1%** annual inflationary adjustment rate. Note: If the District experiences an excess in revenues for any one year or multiple years during planning period, funds will be used to provide an additional HHW drive. <u>This category will remain top priority to receive any extra carry-over funds.</u>

***LAB and Household Battery Collection Program* - $31,000.00** with a **2%** annual inflationary adjustment rate.
1) LAB Program - $1,000.00 ($500 each for 2 communities to host collection points at their drop-off sites)
2) Battery Processing Cost: $30,000.00 (private company contracted to provide service)

***Oil Collection Program* - $1,500.00 – Frozen**
Funds divided among 3 communities that host oil collection programs at their drop-off recycling sites.

***Yard Waste Management*: $82,000.00 - Frozen**

*Leaf Collection Program***:** $75,000.00 frozen throughout planning period as communities will provide increased financial contributions in order to implement fall leaf collection programs.
Backyard Composting Workshop Bins - $7,000.00 – frozen as participants will be requested to increase their contribution, currently at $10.00, for the total composting bin cost.

Recycling Collection
*Collection Drives***: $68,000.00** with a **1%** annual inflationary adjustment.

1) E-Drives - $4,000.00 for mini-grants for 4 communities to host events with each receiving $1,000.00
2) Appliance Recycling Drives - $14,000.00 for mini-grants for 7 communities to host events with each receiving $2,000.00
3) Business Recycling Route - $50,000.00 – for collection of recyclable materials from commercial entities, government facilities, and institutions such as museums and libraries.

Curbside Recycling – Equipment:

1) Curbside Bi-weekly Collection – provided by Allied/Republic Waste Services at no cost to District or residents through the 1994 Agreement (Appendix J).
2) Curbside Bins – purchase for new residents and replacements - **$30,000.00** with a **1%** annual inflationary rate.

Community Recycling Drop-off Service: **$490,000.00** with **1 %** annual inflationary rate. Includes 3 components:

1) Contract for bin servicing for 35 drop-off sites and approximately 80 schools: $420,000.00 (vendor will retain commodity value as it will reflect in lower per/pull pricing)
2) Drop-off Site Improvements - $20,000.00 – includes repair/replace pads, fences, signs.
3) Bin Repair/Replacement - $50,000.00 – includes re-welding, re-priming and painting, re-labeling, and replacement if needed.

Litter Collection/Recycling Supplies: **$40,000.00** with a **1 %** annual inflationary adjustment rate.

1) Supplies (i.e. bags, gloves, etc.) - $2,000.00
2) Special Containment (i.e. bottle bins) - $25,000.00
3) Fuel for District Vehicles - $10,000.00
4) Repair of Vehicles - $3,000.00

Litter Collection and Recycling Services
Day Reporters through Mahoning County Sheriff's Department – use of non-violent offenders supervised by deputies.
Amount: **$120,000.00** with **1%** annual inflationary adjustment rate.

Other Services/Contracts
Community Recycling Assistance - **$479,000.00** with a **1%** annual inflationary rate. Funds to be used by communities to hire a local recycling coordinator, for the operations of drop-off site(s), education and awareness, and for implementing

special recycling awareness events. This vital strategy may experience more flexibility in an upward funding trend than other strategies as the community recycling coordinators are the District's main conduit to local residents and businesses to promote the curbside and drop-off programs, and other activities.

Community	**Annual Assistance 2013**
Austintown Township	$42,000.00
Beaver Township	$11,000.00
Beloit Village	$3,000.00
Berlin Township	$11,000.00
Boardman Township	$42,000.00
Campbell City	$11,000.00
Coitsville Township	$11,000.00
Ellsworth Township	$9,000.00
Goshen Township	$9,000.00
Green Township	$9,000.00
Jackson Township	$9,000.00
Milton Township	$9,000.00
Lake Milton State Park	$9,000.00
Lowellville Village	$3,000.00
Poland Township	$30,000.00
Smith Township	$17,000.00
Springfield Township	$13,000.00
Struthers City	$11,000.00
Canfield Township	$20,000.00
City of Youngstown	$200,000.00
TOTAL:	**$479,000.00**

YSU Recycling/re:CREATE/Materials Exchange: **$110,000.00** with a **1%** annual inflationary rate.

1) YSU Recycling Program – collection of campus-generated recyclable materials and organics composting - $70,000.00
2) re:CREATE – District's reuse program - $40,000.00
3) Materials Exchange – operated by YSU re:CREATE for free exchange of residential, commercial, and mainly industrially-generated materials.

Education/Awareness

Rural Recycling Education and Awareness Program – no separate cost as included under staffing for education specialists.

Advertising: **$40,000.00** with a **1 %** annual inflationary adjustment rate.

Funds to be used for the purchase of print, radio, and TV ads thru local media.

3. **Providing financial assistance to Boards of Health within the District if solid waste facilities are located within the District, for enforcement of this chapter and rules, orders, and terms and conditions of permits, licenses, and variances adopted or issued under it, other than the hazardous waste**

provisions of this chapter and rules adopted and orders and terms and conditions of permits issued under those provisions.

Frequency of distribution is annual
Included is Mahoning County Board of Health funding to provide active and closed landfill facility inspections and closely monitor facility daily logs to ensure accuracy. The Mahoning County Board of Health has been approved by Ohio EPA for this function as is required.

2013, 2014: **$200,000.00**, then **frozen at $150,000.00** for remainder of timeline to more closely correlate with volume level projections at the landfill facilities.
NOTE: *If landfill volumes increase significantly (20%) over a 12-month period as determined by the designation agreement required monthly reports and the annual FDR, then the amount may be increased for one particular year as determined by the Board of Directors with input provided by the Policy Committee.*

4) Providing financial assistance to each county within the district to defray the added costs of maintaining roads and other public facilities and of providing emergency and other public services resulting from the location and operation of a solid waste facility within the county under the District's approved Plan or amended Plan.

Frequency of distribution is annual.
County Road Repair – Mahoning County Engineer's Dept. for roads in the townships with active landfills - $50,000.00 for 2012 thru 2020 <u>only if revenues permit such expenditure</u>. Funds terminated after 2020. The District has dramatically decreased the amount provided since 2008 to coincide with the disposal fee decline. If revenues are essential to waste reduction strategy implementation in any given year, then the first source to subtract funding will be from road repair.
Mahoning County Emergency Management Agency for emergency debris removal program and related solid waste emergency situations - <u>$10,000.00 frozen</u>
Total: $60.000.00 frozen then $10,000.00 frozen after 2020 due to the necessity of utilizing limited funds to implement all the waste reduction strategies as listed previously and in consideration of annual inflationary adjustments for such implementation.

5) Pursuant to contracts entered into with Boards of Health within the District in which solid waste facilities contained in the District's approved Plan or amended Plan are located, for paying the costs incurred by those Boards of Health for collecting and analyzing samples from public or private water wells on lands adjacent to those facilities.

Frequency of distribution – annual.

2013, 2014: **$200,000.00,** then **frozen at $150,000.00** for remainder of timeline as the testing frequency will mirror waste volumes accepted at the landfill facilities. *NOTE: Increased volumes (20%) over a 12-month period may spur consideration of increased funding to be determined by the Board of Directors with input provided by the Policy Committee for any single year.*

6) Developing and implementing a program for the inspection of solid wastes generated outside the boundaries of this state that are disposed of at solid waste facilities included in the District's approved Plan or amended Plan. Moneys in the special fund of the District arising from the fees levied under Sec. 3734.57 (B) (3) shall be expended exclusively for these purposes.

Costs associated with this task are included in the overall Board of Health contractual expenditures as listed in item #3.

7) Providing financial assistance to Boards of Health within the district for the enforcement of section 3734.03 of the Revised Code or to local law enforcement agencies having jurisdiction within the District for enforcing anti-littering laws and ordinances.

Cost for 1 FTE Mahoning County Sheriff's Dept. Deputy: **$80,000.00** with an annual 1% inflationary rate applied.

8) Providing financial assistance to Boards of Health of Health Districts within the District that are on the approved list under section 3734.08 of the Revised Code to defray the costs to the health districts for the participation of their employees responsible for enforcement of the solid waste provisions of this chapter and rules adopted and orders and terms and conditions of permits, licenses, and variances issued under those provisions in the training and certification program as required by the rules adopted under division (L) of section 374.02 of the Revised Code.

Board of Health staff training costs shall be included in the contractual expenditures listed in Item # 3.

9) Providing financial assistance to individual municipal corporations and townships within the District to defray their added costs of maintaining roads and other public facilities and of providing emergency and other public services resulting from the location and operation within their boundaries of a composting, energy or resource recover, incineration, or recycling services to the District pursuant to a contract or agreement with the District's Board of Directors.

No costs are associated with item # 9.

10) Payment of any expenses that are agreed to, awarded, or ordered to be paid under Section 3734.35 of the Revised Code and of any administrative costs incurred pursuant to that section. In the case of a joint solid waste management district, if the commissioners of one of the counties in the district is negotiating on behalf of affected communities, as defined in that section , in that county, the board shall obtain the approval of the board of directors of the district in order to expend moneys for administrative costs incurred.

No costs associated with item # 10.

Summary
As listed in Table VIII-5, total annual District expenditures for the 15-year planning period are as per below:

2013: $2,852,500.00; 2014: $2,875,450.00; 2015: $2,800,707.00; 2016: $2,634,635.00; 2017: $2,657,957.00; 2018: $2,681,543.00; 2019: $2,705,394.00; 2020: $2,735,508.00; 2021: $2,709,896.00; 2022: $2,734,558.00; 2023: $2,759,800.00; 2024: $2,785,049.00; 2025: $2,815,560.00; 2026: $2,841,358.00; 2027: $2,867,446.00.

C. Funds Allocated from OCR 3734.57 (B), ORC 3734.572 and ORC 3734.573

The sources of District revenue will continue to be:

1) **The District Disposal Fee** collected and submitted with required monthly reporting as per the tiers listed in the beginning of this section: $1.50/$3.00/$1.50 with the Cuyahoga County Joint Use Agreement remaining at $1.50/ton.
2) **Designation Agreement Fees** – for those landfill facilities out-of-district that intend to accept Mahoning County-generated solid waste.
3) Grants – as stated previously, being unpredictable, grants are not listed as revenue for the purposes of this Plan.
4) Allied/Republic Waste Services curbside recycling collection contribution – as stated previously, this is an in-kind contribution resulting from the 1994 Carbon Limestone Landfill Agreement, thus not considered revenue and not included as a revenue generator.

Table VIII-6 shows expenditures of revenue as per the categories specified in ORC 3734.57(G). Categories:

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 counties within the District 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 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) Compensation to affected communities.

D. Contingent Funding or Financing

The District has a high degree of certainty that the funding mechanism as stated previously in this section will maintain the District throughout the planning period. However, in case of a disposal facility emergency such as a temporary closure due to a natural or man-made disaster; the District will utilize the annual carry-over each year for continuation of operations. As listed in Table VIII-8, the lowest projected carry-over balance throughout the planning period exceeds a quarter-million dollars (2015). However, the closure of a landfill located in the District would cause a material change in circumstances thus initiating consideration of expenditure adjustments as determined by the Board of Directors with input from the Policy Committee, specifically in non-recycling activities until disposal fee revenues are restored.

All projected fees are from fully licensed and compliant disposal facilities with excellent records of operation. The District does not anticipate receiving revenue from:

- A grandfathered site landfill which has received a draft permit denial,
- State or Federal legislative action which is anticipated and depended upon by the SWMD,
- Fees collected from a facility that has not yet received a permit.

Since the District retains a high degree of certainty regarding the receipt of fees, Table VIII-7 is not necessary. The District realizes that two facilities: Mahoning Landfill and Central Waste Landfill will reach their volume capacity prior to the end of the timeline as illustrated in Section VI; however, the District firmly believes both facilities will receive the required permit expansions from Ohio EPA as the application process is proceeding appropriately. Without the two landfills, Carbon Limestone can handle all the volumes projected in Table VIII-1. Total tons projected including all tiers: 25,295,885 tons. Total tons capacity available from 3 in-district landfills Section VI: 27,757,379 tons. Balance: 2,461,494 tons.

E. Summary of Costs and Revenues

As stated previously, the District's source of revenue shall be the Disposal Fees supplemented by the Designation Agreement Fees. Due to the unpredictability of grants and the non-quantifiable nature of the Allied/Republic Waste Services contribution through providing free bi-weekly curbside collection service; these two items will not be listed. Table VIII-8 serves to list the annual projected net revenues each year of the

planning period along with the annual costs for programs and activities as detailed in Section V. This section is considered a part of the implementation schedule required in accordance with ORC Section 3734.53. Although briefly covered previously in this section, a more comprehensive and in-depth expenditure analysis follows.

Note – The District made annual inflationary rate adjustments on certain expenses based on local historical data and observed trends both locally and statewide. Although it is challenging to predict costs for future budgets; based on the cost increases from past budgets the District was able to provide projections that are realistic and appropriate for each category. In addition, through attrition a minimum of two staff positions will be eliminated as reflected in the reduction in personnel costs in Tables 6 and 8 projected for 2016.

1) **Plan Monitoring and Preparation: $220,000.00 in 2013**

As presented in Table VIII-8
District Management: Preparation of the Plan Update and monitoring the implementation of all strategies, including overseeing the fiscal concerns of the District, is vital for continued successful operations. The District will continue to have on staff a director who is the primary supervisor of staff. The director must possess the knowledge, skills and professional experience that are demanded for this vital position. Qualifications include a minimum Bachelor's degree with 5 years of solid waste professional experience, preferably in management. The salary range shall be $60,000.00 to $65.000.00 in 2013 with an annual inflationary rate of 1%, and full county benefits applied.

The District will have the Business Manager maintain all fiscal tasks such as monitoring all financial aspects and providing detailed reports to the Director. In addition, the Business Manager must generate and follow-up on all agreements and contracts with local government officials and private companies that provide services. Although titled manager, this position will not have supervisory authority and will report directly to the director. The B.M. must possess a Bachelor's degree in accounting or related field, with preference for a CPA or MBA degree; and a minimum of 5 years professional experience in financial areas. The salary range shall be $45,000.00 to $50,000.00 in 2013 with an inflationary rate of 1%, and full county benefits applied.

In 2016, a reduction in personnel is anticipated through attrition.

Legal Services: The District will continue the annual contract with the Mahoning County Prosecutor's Office for use of a prosecuting attorney to review all contracts, agreements, generate any future host agreements or amendments to current agreements, provide opinions on all legal matters, and provide representation for all litigation which could include lawsuits filed against haulers who violate statutes or rules. The contract will be set at $45,000.00 in 2013 or a negotiated amount less than $45,000.00 and reduced by 2016 to $41,212.00. Note: 2011 was an anomaly with $86,937.00 provided for the legal services due to a combination of factors significant to a one-year's large increase.

The Board of Directors may decide to contract the legal services to a private, qualified law firm at any time during the timeline if they determine that this would be more cost-effective while not jeopardizing the quality of legal representation and services essential to District operations.

2) **Plan Implementation: $2,092,500.00 in 2013**

District Staff

District staff is essential in order to implement the programs as detailed in Section V and will consist of the following personnel through 2015. Through anticipated attrition, one or more positions will be eliminated in 2016.

Environmental Educators – 2 FTE. The educators will implement the school and community group programs, contests, and activities related to creating awareness and providing facts about the need for students and their families to participate in the District's numerous waste reduction programs. Salary range: $29,000.00 to $35,000.00 depending on experience and educational background.

Receptionist – 1 FTE. The receptionist will answer phone calls, organize schedules, perform inventory, and maintain the central file.
Salary range: $25,000.00 to $28,000.00 depending on experience.

Secretary – 1 FTE. The secretary will assist the director with daily office tasks, answer phones, and coordinate policy committee and other meetings.
Salary range: $25,000.00 to $28,000.00 depending on experience.

Waste Stats/Specialist – 1 FTE. The specialist will gather and maintain all recycling, disposal, composting, and other statistics in a master database for completion of reports and records as directed. Specialist will serve as liaison with community recycling coordinators for all needs including bin pulls, and with the M.C. Sheriff's Dept. deputies for use of their Day Reporters. The specialist is in charge of arranging the logistics and technical aspects of all special recycling and composting events, and handle complaints and problems with the curbside and drop-off recycling programs.
Salary range - $39,000.00 to $45,000.00 depending on educational level and experience.

Commercial/Industrial Waste Reduction Coordinator – 1 FTE. The coordinator will conduct waste assessments for industrial and commercial entities as detailed in Section V and oversee the scrap metal recyclers' monthly reporting project. The Coordinator will oversee contract compliance with the private company that is selected to service commercial entities for the collection of recyclable materials.
Salary range - $35,000.00 to $43,000.00 depending on educational level and experience.

Field Operators – 2 FTE. The field operators will collect recyclable materials from institutions and commercial enterprises as assigned, and they will transport the materials to a processing facility. They will assist community recycling personnel with overflow

and site maintenance issues. They will handle the household battery sorting process at District headquarters.
Salary range - $21,000.00 to $28,000.00.

Part Time Worker – This employee will assist the field operators with the collection of recyclable materials, specifically at county government facilities.
PT - $10,000.00

Subtotal: $445,000.00 (with salary and benefits included) with a 1% annual inflationary rate applied.

Office Overhead: $102,000.00 (Itemized previously in this section)
Office overhead is essential in order to provide the supplies and necessary equipment for the administrative and operational functions of the District.
A 1 % annual inflationary adjustment rate is applied.

Facility Operations: 0
The District will not be operating facilities.

Tire Collection Program - $14,000.00
As detailed in Section V, the District will continue to provide townships, cities, and villages with a centralized tire container through contracting with a private hauler to transport the tires to be recycled or utilized in a waste-to-energy system. The bin is currently housed at the County Engineers and shall remain there unless instructed to relocate. Cost: $4,000.00 annually with a 1% annual inflationary adjustment rate applied.

The District will provide townships, cities, and villages the opportunity to host tire recycling drives with a registered tire recycling vendor, and provide up to 10 mini-grants, $1,000.00 each, to interested communities. Cost is $10,000.00 annually with a 1% annual inflationary adjustment rate applied.

Household Hazardous Waste

HHW Program - $40,000.00
As detailed in Section V, the District will hold a minimum of one major household hazardous waste drive per year at a central and convenient location.
NOTE: This program takes priority along with the community recycling assistance funding, for infusion of any excess carry-over funds so that the District may implement an additional event during one or more years. A 1 % annual inflationary rate is applied.
Battery Collection/Recycling Program - $31,000.00
The components include:
Household Battery Collection/Recycling - $30,000.00 with a 2% annual inflation rate adjustment. The District will continue to provide collection points throughout the County as detailed in Section V for household batteries.

Lead Acid Battery Collection/Recycling - $1,000.00 with a 2% annual inflation rate adjustment. The District will continue to provide $500.00 each to 2 communities that host LAB collection sites at their drop-off centers.

Vehicle Oil Collection Program - $1,500

Funds will be used to help offset costs for 3 communities that host drop-off sites for the collection of used motor oil. Each community will receive $500.00 per year with no increase needed.

Yard Waste Management Program - $82,000.00

The components include:

Community leaf collection/composting mini-grants – for communities to continue to collect and compost leaves each year: $75,000.00.

Youngstown:	*$26,000.00*
Boardman:	*$13,000.00*
Austintown:	*$13,000.00*
Campbell City:	*$4,000.00*
Struthers City:	*$4,000.00*
Canfield Township:	*$7,000.00*
Lowellville Village:	*$2,000.00*
New Middletown Village:	*$2,000.00*
Beloit Village:	*$2,000.00*
Sebring Village:	*$2,000.00*

These mini-grant amounts will not increase throughout the planning period as the District expects each community to accept more of the financial responsibility to implement this popular program.

Backyard Composting Workshops - $7,000.00

The funds will be used to purchase the portable backyard composting units. The District anticipates not having to increase the amount budgeted through 2019 by requesting participants to provide additional funds to share the cost of the bins. The District will increase allocation an additional $6,000.00 from 2020 to 2024 and an additional $5,000.00 added until the end of the planning period. This is in anticipation that the State of Ohio will enact strict yard waste bans and eventually mandate composting, thus additional bin funds will be needed to meet the demand from residents.

Recycling Collection

Recycling Collection Drives - $68,000.00

The components include:

Community Electronics Recycling Drives – 4 Communities will receive mini-grant funds up to $1,000.00 to host e-drives that will be open to all District residents: $4,000.00. 1% Annual inflationary rate is applied.

Community Appliance Recycling Drives – 7 Communities will receive mini-grant funds up to $2,000.00 to cover all costs associated with hosting appliance recycling drives that must be open to all District residents: $14,000.00. 1% Annual inflationary rate is applied.

Business Recycling Route - $50,000.00 for a private company to collect recyclable materials from institutions and commercial enterprises as assigned by the District. 1% Annual inflationary rate is applied.

Curbside Recycling Program - $30,000.00
Components include:
Curbside Recycling Collection and Processing Costs – 0. This service will continue to be provided by Allied/Republic Waste Services through the 1994 Carbon Limestone Landfill Recycling Agreement which continues for the life of the landfill facility (Table VI-4 – Carbon Limestone Landfill with 26 years capacity as per 2009 FDR).
Curbside Bins - $30,000.00 per year. These funds will be used for replacing lost or non-repairable bins and for new residents who desire to participate. Approximately 4,000 bins will be purchased each year. A 1% annual inflationary adjustment rate is applied.

Drop-off Recycling Service - $$490,000.00
The components include:
Bins Servicing Contract - $420,000.00 to contract with a private company to provide services consisting of pulling and transporting full recycling bins at the District's 35 community recycling drop-off sites and from the schools participating in the fiber recycling program, to the MRFs located in Mahoning County. A 1% annual inflationary adjustment rate is applied. The District has experienced a decline in the cost of this service through the 2010 re-bid, and noting the cost of over $100.00 per pull in the 90's contrasted to just $84.00 per 30/yrd. bin pull in 2010 and 2011; the District believes projecting from the $420,000.00 level is both realistic and logical and prevents an overly inflated amount.
Drop-off Site Improvements - $20,000.00 to repair and if needed, replace cement bin pads, fences, and other components of the drop-off sites. A 1% annual inflationary adjustment rate is applied.
Bin Repair/Replacement/Labels/Banners - $50,000.00 to repair, paint, or if needed, replace the drop-off site and school fiber recycling bins, and to provide funds for new material labels and bin banners that promote recycling awareness. A 1% annual inflationary adjustment rate is applied.

Supplies/Fuel – Litter Collection and Recycling - $40,000.00
Components include:
General supplies for conducting litter collection and recycling tasks that include purchasing gloves, vests, bags, signage, and related materials - $2,000.00. A 1% annual inflationary adjustment rate is applied.
Recycling Bins for Special Events - $25,000.00. Events include the Canfield Fair, all local church and other festivals, school and college sporting events, local parks, soccer and baseball field events, and related activities.
Fuel for van and vehicles - $10,000.00 A 1% annual inflationary adjustment rate is applied.
Repair/Maintenance of vehicles - $3,000.00. A 1% annual inflationary adjustment rate is applied.

Litter Collection and Recycling Services - $120,000.00
The District will continue to contract recycling and litter collection services with the Mahoning County Sheriff's Department for use of non-violent offenders supervised by deputies. A 1% annual inflationary adjustment rate is applied.

Other Services

Community Recycling Assistance - $479,000.00
As detailed previously and in Section V (list of each community and amount), the District will provide each community that hosts a drop-off recycling site(s) with sufficient funds to maintain operations and to provide for a local community recycling coordinator who will service residents and businesses with waste reduction technical assistance. A 1% annual inflationary adjustment rate is applied.

YSU Recycling and re:CREATE Programs - $110,000.00
Fund will be used for the continued operations of these highly successful programs that serve both the campus and entire District. The YSU re:CREATE Program operates the "Materials Exchange". A 1% annual inflationary adjustment rate is applied.

Education/Awareness

Rural Recycling Education and Awareness Program – 0
Cost is included under staffing for both educators.

Advertising Awareness Program - $40,000.00
Advertising will remain a key component of the District's overall awareness campaign with public service announces and paid spots on local radio and television stations. In addition, ads will be printed in the Vindicator newspaper, the area's largest in terms of circulation, and local newsprint publications. The District has dramatically cut costs in this component, yet understands that a limited amount of paid advertising is vital in order to sufficiently reach residents and businesses with waste reduction messages. A 1% annual inflationary adjustment rate is applied.

Subtotal: $2,092,500.00

3. Health Dept. Enforcement – The District will provide $200,000.00 to the BOH for their services in 2013 and 2014, with a decline beginning in 2015 and continuing throughout the timeline at $150,000.00. However, as stated previously an upward adjustment mechanism is in place if landfill volumes increase substantially during any one year. The Mahoning County Board of Health is an approved agency by Ohio EPA to conduct the services of facility inspections.

NOTE: The Amendment V (Appendix J) with Carbon Limestone Landfill approved by the Board of Directors in 2011 includes a condition that the BOH will receive a total of $400,000.00 through 2014 contingent upon District revenues remaining at or above the 2010 level. If the level falls below $2,823,945.00 during 2013 or 2014, then the amount

may be lowered as per the decision by the Board of Directors with input provided by the Policy Committee.

4. County Assistance - The District will provide $60,000.00 for the following components: County road repair - $50,000.00 and Emergency Management Agency - $10,000.00 for the emergency debris management program. Road repair will be eliminated in 2021 and will only be included prior to then if the need exists as determined by the Board of Directors with input from the Policy Committee, and sufficient revenues are available.

5. Board of Health Well Water Testing
As indicated previously, well water testing will continue with $200,000.00 provided in 2013 and 2014, with a decline to $150,000.00 beginning in 2015 and continuing throughout the timeline unless testing results demonstrate significant health threats and the need for increased frequency, or a significant increase in landfill volume is determined as per the mechanism discussed previously. The decision as to any fluctuation in this service will be finalized by the Board of Directors with input provided by the Policy Committee. This is not anticipated based on the results of tests provided since 2005 through 2010 that have not shown any significant concerns as per the parameters selected. The cost per BOH well test in 2011 was $629.00/test. With slight inflationary increases predicted throughout the timeline, more than 200 tests annually may be conducted with the amount granted beginning in 2015.

6. Out of State Waste Inspections – 0
As indicated previously, as part of the BOH inspection program, inspectors shall perform this task on an as needed basis and may use funds from item 3 for this purpose.

7. Litter Law Enforcement - $80,000.00: 1% annual inflationary adjustment rate. This strategy will permit the District to provide to the townships, cities, and villages - one Mahoning County Sheriff's Deputy to enforce the ORC litter and illegal dumping statutes: ORC 3767.32 (littering and illegal dumping), ORC 4513.31 (unsecured loads), and ORC 4511.82 (litter from motor vehicle). The deputy selected will work a minimum of 40-hours per week on this task and will have the appropriate experience and training necessary to conduct investigations and cite offenders.

8. Board of Health Training – 0
The BOH, if it determines the need arises, may use funds provided in item 3 for this purpose.

9. Municipal and Township Assistance – 0

10. Compensation to Affected Communities – 0

<u>Summary</u>

The District will earmark the vast majority of expenditures for the purpose of planning and implementing the numerous waste reduction strategies as detailed in Section V. This is in sharp contrast to pre-2009 budgets whereby non-waste reduction expenditures often represented almost 30% of the total. Below is the year-by-year analysis of funds that are earmarked for waste reduction purposes which includes plan monitoring and preparation (Items I and II).

Year	Amount (Items 1 and 2)	% of Total
2013	$2,312,500.00	81.1%
2014	$2,334,650.00	81.2%
2015	$2,359,099.00	84.2%
2016	$2,192,211.00	83.2%
2017	$2,214,709.00	83.3%
2018	$2,237,462.00	83.4%
2019	$2,260,472.00	83.6%
2020	$2,289,737.00	83.7%
2021	$2,313,267.00	85.4%
2022	$2,337,063.00	85.5%
2023	$2,361,130.00	85.6%
2024	$2,385,796.00	86.5%
2025	$2,415,414.00	86.7%
2026	$2,440,311.00	85.9%
2027	$2,465,488.00	86.0%

The District holds firm that the majority of funds should be utilized for planning purposes and program implementation so that residents, businesses, and industries are provided excellent and convenient waste reduction services in order to continue to increase the District's waste reduction rate.

MAHONING COUNTY SOLID WASTE MANAGEMENT DISTRICT
SOLID WASTE MANAGEMENT PLAN

TABLE VIII-1
PROJECTED DISPOSAL FEE SCHEDULE AND REVENUES

YEAR	Fee Schedule				Tons Disposed in District				Total Disposal
	In-District	Out-of-District	Cuyahoga County	Out-of-State	In-District	Out-of-District	Cuyahoga County	Out-of-State	Fee Revenue ($)
2009	$1.50	$3.00	$1.50	$1.50	232,859	388,882	91,046	624,483	$2,589,228
2010	$1.50	$3.00	$1.50	$1.50	205,077	508,952	46,931	612,718	$2,823,945
2011	$1.50	$3.00	$1.50	$1.50	234,000	472,158	42,238	539,918	$2,640,708
2012	$1.50	$3.00	$1.50	$1.50	240,122	474,519	40,337	545,317	$2,662,222
2013	$1.50	$3.00	$1.50	$1.50	236,274	476,892	40,135	550,770	$2,671,445
2014	$1.50	$3.00	$1.50	$1.50	232,454	479,276	39,934	556,278	$2,680,827
2015	$1.50	$3.00	$1.50	$1.50	228,664	481,672	39,735	561,841	$2,690,377
2016	$1.50	$3.00	$1.50	$1.50	224,898	484,081	39,536	567,459	$2,700,083
2017	$1.50	$3.00	$1.50	$1.50	221,156	486,501	39,338	573,134	$2,709,945
2018	$1.50	$3.00	$1.50	$1.50	217,437	488,934	39,142	578,865	$2,719,969
2019	$1.50	$3.00	$1.50	$1.50	213,740	491,379	38,946	584,656	$2,730,150
2020	$1.50	$3.00	$1.50	$1.50	210,062	493,836	38,751	590,500	$2,740,478
2021	$1.50	$3.00	$1.50	$1.50	205,904	496,305	38,557	596,405	$2,750,215
2022	$1.50	$3.00	$1.50	$1.50	201,770	498,786	38,365	602,369	$2,760,115
2023	$1.50	$3.00	$1.50	$1.50	197,658	501,280	38,173	608,393	$2,770,177
2024	$1.50	$3.00	$1.50	$1.50	193,569	503,786	37,982	614,477	$2,780,401
2025	$1.50	$3.00	$1.50	$1.50	189,497	506,305	37,792	620,622	$2,790,782
2026	$1.50	$3.00	$1.50	$1.50	185,444	508,837	37,603	626,873	$2,801,392
2027	$1.50	$3.00	$1.50	$1.50	181,408	511,381	37,415	633,096	$2,812,022

* 2009 data from monthly landfill fee reports received from Carbon Limestone, Mahoning, and Central Waste landfills and fees paid by said facilities.
* District to continue Joint Use Agreement @ $1.50/ton with Cuyahoga Co.
* 2010 data - source is the monthly landfill fee reports received from Carbon Limestone, Central Waste and Mahoning landfills and fees paid by said facilities.
* 2011 data - Due to plan drafting timeline, projections based on historical ratios from previous years and actual tonnage reported from January - June.
* 2011 Increase in tonnage for in-district due to Designation Agreement fees becoming active in 2011 for all landfills.
* 2011 in-district fee tonnage in Table VI-4 total 251,565 minus exempt 7,565, minus transfer stations used 10,000 = 234,000
* 2012 onward - District projected continued decline in both Cuyahoga and In-District waste. .5% decline annually based on Cuyahoga's less reliance on District landfills.
* District projects a 1% annual increase in Out-of-State and .5% in Out-of-District due to trends statewide and the aggressive nature and preparations made to obtain more east coast waste. Out-of-District increase is evident by the presence of Central Waste that borders Stark and Portage Counties, and the 65.5% increase between 2009 and 2010 (207,660 tons vs. 125,495 tons - source, District monthly landfill fee reports) Carbon Limestone had a 11.6% increase in out-of-state from 2009 to 2010 (435,150 tons vs. 389,822 tons)
* In District tonnage obtained from adding Table V-4 (Residential/Commercial and Industrial) and subtracting Table V-5 (R/C Waste Reduction) and Table V-6 (Ind. Waste Reduction). 2011 In-district tonnage is less than Table VI-4 total disposed tonnage due to continued use of transfer stations.
* 2012 onward - in-district level for fees matches total disposal amount in Table VI-4, minus exempt, as TWL transfer station stopped accepting waste in 2011 and prediction that waste haulers will direct haul to landfills and bypass transfer stations for economic reasons.
* NOTE: 2010 FDR draft was available near end of plan drafting time period, and the difference between 2010 tonnage applicable for fees and what was received was a mere 29-ton difference (fees actually paid in 2010 were for 1,373,678 tons as per table VIII-1 vs. FDR 1,373,649 tons for Carbon, Mahoning, and Central Waste landfills excluding exempt and C&DD).

MAHONING COUNTY SOLID WASTE MANAGEMENT DISTRICT
SOLID WASTE MANAGEMENT PLAN

TABLE VIII-3
SUMMARY OF PROJECTED REVENUE GENERATED

	Type of Revenue Mechanism and Amount Generated			Total Revenue Generated
YEAR	District Disposal Fees	Designation Agreement Fees	Generation Fee	
2009	$2,589,228		$0	$2,589,228
2010	$2,823,945		$0	$2,823,945
2011	$2,638,908	$1,800	$0	$2,640,708
2012	$2,660,359	$1,863	$0	$2,662,222
2013	$2,669,576	$1,869	$0	$2,671,445
2014	$2,678,950	$1,877	$0	$2,680,827
2015	$2,688,494	$1,883	$0	$2,690,377
2016	$2,698,193	$1,890	$0	$2,700,083
2017	$2,708,049	$1,896	$0	$2,709,945
2018	$2,718,067	$1,902	$0	$2,719,969
2019	$2,728,239	$1,911	$0	$2,730,150
2020	$2,738,559	$1,919	$0	$2,740,478
2021	$2,748,290	$1,925	$0	$2,750,215
2022	$2,758,183	$1,932	$0	$2,760,115
2023	$2,768,239	$1,938	$0	$2,770,177
2024	$2,778,455	$1,946	$0	$2,780,401
2025	$2,788,829	$1,953	$0	$2,790,782
2026	$2,799,432	$1,960	$0	$2,801,392
2027	$2,810,054	$1,968	$0	$2,812,022

NOTES:

1) No generation fees
2) The District did not include grants as they are unpredictable and past grants were mainly pass-thru types for private companies to build facilities - DRLP Market Dev. Grants in 2006 and 2008 for private MRFs
3) 2009 and 2010 did not include designation fees as agreements were not finalized until 2011, thus collection commenced during that year as reflected above.
4) The District did not include the in-kind, bi-weekly curbside collection provided by Allied Republic as this is not actual revenue the District may expend. Contribution is estimated at $1,200,000.00 annually, and the service is part of the 1994 Agreement with the Carbon Limestone Landfill owned and operated by Allied Republic.
5) District did not include the Central Waste and the Seneca Landfill contract agreement fees which go directly into the Mahoning County general fund.
6) Projection of designation agreement fees based on the first 6-months of 2011. The fees constitute 0.07% of the total landfill fees as a majority of District-generated solid waste that did not go to the 3 landfills located in Mahoning County went to one of two transfer stations in neighboring Trumbull Co. of which Total Waste Logistics stopped accepting in mid-2011. Designation Agreement fees do not apply to transfer stations.

Formula example: 2021 total revenue - $2,750,215.00 X .0007 = $1,925.00 DA fees

MAHONING COUNTY SOLID WASTE MANAGEMENT DISTRICT
SOLID WASTE MANAGEMENT PLAN

TABLE VIII-5
EXPENDITURES

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
1. Plan Monitoring/Prep																			
a. District Management - Director and Business Mgr.	$ 77,098	$72,085	$161,750	$165,453	$175,000	$176,750	$178,518	$97,000	$97,970	$98,950	$99,940	$100,939	$101,948	$102,967	$103,997	$105,367	$106,421	$107,485	$108,560
b. Legal	$ 36,000	$0	$86,937	$45,000	$45,000	$45,000	$45,000	$41,212	$41,624	$42,040	$42,461	$42,885	$43,314	$43,747	$44,185	$44,627	$45,073	$45,524	$45,979
Subtotal	***$113,098***	***$72,085***	***$248,687***	***$210,453***	***$220,000***	***$221,750***	***$223,518***	***$138,212***	***$139,594***	***$140,990***	***$142,401***	***$143,824***	***$145,262***	***$146,714***	***$148,182***	***$149,994***	***$151,494***	***$153,009***	***$154,539***
2. Plan Implementation																			
a. District Administration																			
i District staff	$454,835	$462,437	$483,051	$520,373	$445,000	$449,450	$453,945	$355,000	$358,550	$362,136	$365,757	$369,415	$373,109	$376,840	$380,608	$384,414	$388,258	$392,141	$396,062
ii Office Overhead	$66,010	$74,614	$189,331	$172,144	$102,000	$103,020	$106,121	$108,243	$110,408	$112,616	$114,869	$117,166	$119,509	$121,899	$124,337	$126,824	$129,361	$131,948	$134,587
iii Legal Fees	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Facility Operation																			
i MRF																			
ii Landfill																			
iii Compost																			
iv Transfer																			
v Recycling Center																			
c. Tire Collection (central bin & community grants)	$10,474	$13,106	$20,000	$20,000	$14,000	$14,140	$14,281	$14,424	$14,568	$14,714	$14,861	$15,010	$15,160	$15,312	$15,465	$15,619	$15,776	$15,933	$16,093
d. HHW Collection	$49,501	$60,530	$40,000	$40,000	$40,000	$40,400	$40,804	$41,212	$41,624	$42,040	$42,461	$42,885	$43,314	$43,747	$44,185	$44,627	$45,073	$45,524	$45,979
i LAB and Household Battery Collection	$22,710	$29,588	$30,000	$27,000	$31,000	$31,620	$32,252	$32,897	$33,555	$34,226	$34,911	$35,609	$36,321	$37,048	$37,789	$38,545	$39,315	$40,102	$40,904
ii Veh. Oil Collection					$1,500	$1,500	$1,500	$1,500	$1,500	$1,500	$1,500	$1,500	$1,500	$1,500	$1,500	$1,500	$1,500	$1,500	$1,500
e. Yard Waste Management	$70,598	$76,125	$67,000	$72,000	$82,000	$82,000	$82,000	$82,000	$82,000	$82,000	$82,000	$88,000	$88,000	$88,000	$88,000	$88,000	$93,000	$93,000	$93,000
f. Recycling Collection:																	$0		
i Collection Drives (electronics, appliance, business)	$77,922	$77,052	$58,200	$58,200	$68,000	$68,680	$69,367	$70,060	$70,761	$71,469	$72,183	$72,905	$73,634	$74,371	$75,114	$75,865	$76,624	$77,390	$78,164
ii Curbside					$30,000	$30,300	$30,603	$30,909	$31,218	$31,530	$31,845	$32,163	$32,485	$32,810	$33,138	$33,469	$33,804	$34,142	$34,483
iii Drop-Off	$561,341	$532,634	$476,000	$467,000	$490,000	$494,900	$499,849	$504,847	$509,896	$514,995	$520,145	$525,346	$530,600	$535,906	$541,265	$546,677	$552,144	$557,666	$563,242
iv Litter Collection/Recycling Supplies/Containment & Veh. Fuel & Repair				$57,000	$40,000	$40,400	$40,804	$41,212	$41,624	$42,040	$42,461	$42,885	$43,314	$43,747	$44,185	$44,627	$45,073	$45,524	$45,979
g. Dump Cleanup																			
i Private Land																			
ii Public Land																			
h Litter Collection/Educ.																			
i Mahoning County Sheriff's Litter Collection & Recycling	$80,000	$120,000	$120,000	$120,000	$120,000	$121,200	$122,412	$123,636	$124,872	$126,121	$127,382	$128,656	$129,943	$131,242	$132,555	$133,880	$135,219	$136,571	$137,937
i. Engineering Srvs. Contrs.																			
j. Other Services Contracts																			
i Community Recycling Assistance	$516,500	$555,500	$454,524	$478,800	$479,000	$483,790	$488,628	$493,514	$498,449	$503,434	$508,468	$513,553	$518,688	$523,875	$529,114	$534,405	$539,749	$545,147	$550,598
ii YSU Recycling & re:CREATE/Materials Exchange	$90,000	$90,000	$90,000	$100,000	$110,000	$111,100	$112,211	$113,333	$114,466	$115,611	$116,767	$117,935	$119,114	$120,305	$121,508	$122,723	$123,951	$125,190	$126,442
k Education/Awareness																			
i District Staff																			
ii Rural Recycling Ed. and Awareness Program																			
iii Contracted Agencies/Srvs. (Advertising)	$59,798	$37,195	$38,519	$38,500	$40,000	$40,400	$40,804	$41,212	$41,624	$42,040	$42,461	$42,885	$43,314	$43,747	$44,185	$44,627	$45,073	$45,524	$45,979
l Other																			
Subtotal	***$2,059,689***	***$2,128,781***	***$2,066,625***	***$2,171,017***	***$2,092,500***	***$2,112,900***	***$2,135,581***	***$2,053,999***	***$2,075,115***	***$2,096,472***	***$2,118,071***	***$2,145,913***	***$2,168,005***	***$2,190,349***	***$2,212,948***	***$2,235,802***	***$2,263,920***	***$2,287,302***	***$2,310,949***
3. Health Dept. Enforcement	$288,175	$219,179	$200,000	$200,000	$200,000	$200,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000
4. County Assistance	$280,000	$245,000	$198,000	$60,000	$60,000	$60,000	$60,000	$60,000	$60,000	$60,000	$60,000	$60,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000
5. Well Testing	$190,508	$285,140	$200,000	$200,000	$200,000	$200,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000	$150,000
6. Out-of-State Waste Inspection	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
7. Litter Law Enforcement	$120,000	$146,000	$120,000	$120,000	$80,000	$80,800	$81,608	$82,424	$83,248	$84,081	$84,922	$85,771	$86,629	$87,495	$88,670	$89,253	$90,146	$91,047	$91,958
8. Health Dept. Training	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Municipal/Township Assist.	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
10. Compensation to Affected Communities	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total	**$3,051,470**	**$3,096,185**	**$3,033,312**	**$2,961,470**	**$2,852,500**	**$2,875,450**	**$2,800,707**	**$2,634,635**	**$2,657,957**	**$2,681,543**	**$2,705,394**	**$2,735,508**	**$2,709,896**	**$2,734,558**	**$2,759,800**	**$2,785,049**	**$2,815,560**	**$2,841,358**	**$2,867,446**

NOTES:
1 (a) - Assumption that through attrition, management personnel cost to decline in 2016 throughout timeline.
1 (b) - 2011 Legal services amount considered a one-time anomaly and not to continue throughout timeline.
2 (a)(i) - Assumption that through attrition, staff personnel cost to decline in 2016 throughout timeline.
2 (c) - Tire collection comprised of centralized bin (2013 at $4,000.00) and 10 community grants for implementation of tire drives @ $1,000.00 each with 1% inflationary rate after 2013.
2 (d) - HHW with one event annually at projected cost of $40,000.00 in 2013 based on 2009 cost with assumption of less material to handle as education/awareness program will cause significant prevention of generation. Cost based on first HHW drive of 2011.
2 (d)(i) - 2013 LAB cost will be $1,000.00 for 2 communities to host sites for collection @ $500.00 per community and continuing each year. $30,000.00 in 2013 for private company for the household battery program - both at 2% annual inflationary adjustment based on past expenditure levels.
2 (d)(ii) - Veh. Oil collection - 2013 for 3 communities to host drop-off containment ($500.00 each) frozen.
2 (e) - Yard Waste Management consists of leaf grants totaling $75,000.00 to 10 communities - level frozen, and backyard composting bin purchase @ $7,000.00 in 2013 with increased amounts projected in 2020 and 2025 due to anticipated demand.
2 (f)(i) - E-drives: 4 community grants @$1,000.00 ea., 7 appliance drive community grants @ $2,000.00 ea.; business route collection through contract with a private company at $50,000.00 based on previous costs - 1% inflationary adjustment.
2 (f)(ii) - Curbside service is free provided through the 1994 historic Carbon Limestone Landfill agreement. Replacement bins projected cost based on previous budgets with 1% annual inflationary rate.
2 (f)(iii) - Drop-off Service contract: projected at $420,000.00 in 2013 due to lower per/pull price obtained in 2010 ($84.00/pull for 30 yd. bin) with option to renew contract to 2013 and assumption recyclable commodity prices to remain stable thus sustaining the lower pull cost.
Site improvements and bin repair/replacement for drop-off sites based on past budgets/expenditures. Conservative 1% annual inflationary rate applied including bin pull service costs.
2 (f)(iv) - 2013 litter collection and recycling activity supplies ($2,000.00), bottle bins for special events ($25,000.00), fuel and repair of district vehicles ($13,000.00) - all costs based on past expenditures and fuel trends. 1% annual inflationary adjustment
2 (h)(i) - Sheriff's Dept. litter/recycling crew @ $120,000.00 annually to maintain sufficient deputy staffing to oversee "day reporters' crew" in 2013 and through timeline. 1% annual inflationary adjustment.
2 (j)(i) - Community recycling assistance breakout in Section VIII narrative: funds for each township, city, and village that host one or more drop-off site(s) primarily used to fund local recycling coordinators - 1% annual inflationary adjustment.
2 (j)(ii) - YSU Recycling and YSU re:CREATE which also handles the Materials Exchange (primarily an industrial waste reduction strategy) - both at $110,000.00 in 2013 with 1% annual inflationary adjustment
2 (k)(ii) - Rural Recycling Education and Awareness Program to continue regardless of USDA grant funding status each year. Program to continue with the RREAP educator who is included under 2 (a) for district staffing.
2 (k)(iii) - Advertising - projected need at $40,000.00 in 2013 with 1% annual inflationary adjustment for appropriate, comprehensive media buys/coverage for special waste reduction/district events.
3 - BOH inspections of landfills both active and closed. Amount to decrease to $150,000.00 in 2015 and continue throughout timeline unless significant increase in landfill volume occurs for possible upward adjustment.
4 - County road repair through the M.C. Engineer's Office in the townships containing landfills - $50,000.00 through 2020 then discontinued. EMS funds @ $10,000.00 frozen - for emergency debris management.
5 - Well testing conducted by BOH lab - decrease to $150,000.00 in 2015 through timeline unless significant increase in landfill volume occurs for possible upward adjustment.
6 - No cost
7 - Funds to provide one litter law enforcement deputy.
8, 9, and 10 - No cost
NOTE: 2-J(i) Community Recycling Assistance included Competitive Funding in 2009 - program discontinued after 2009.
NOTE: Variance between 2009 total expenditures as presented in Table VIII-5 and the EPA Quarterly reports is due to the cash vs. accrual accounting methods utilized.
2009 Quarterly $3,051,427 vs. $3,051,470 = $43 variance.

MAHONING COUNTY SOLID WASTE MANAGEMENT DISTRICT
SOLID WASTE MANAGEMENT PLAN

TABLE VIII-6
REVENUES AND ALLOCATIONS IN ACCORDANCE WITH ORC 3734.57, ORC 3734.572, AND ORC 3734.573

YEAR	TONS DISPOSED	Gross Revenue ($)	EXPENDITURES *										TOTAL EXPEND-ITURES	BALANCE	CUMULATIVE BALANCE
			1	2	3	4	5	6	7	8	9	10			
															$2,143,527
2009	1,337,270	$2,589,228	$113,098	$2,059,689	$288,175	$280,000	190,508	$0	120,000	$0	$0	$0	$3,051,470	$ (462,242)	$1,681,285
2010	1,373,678	$2,823,945	$72,085	$2,128,781	$219,179	$245,000	285,140	$0	146,000	$0	$0	$0	$3,096,185	$ (272,240)	$1,409,045
2011	1,288,314	$2,640,708	$248,687	$2,066,625	$200,000	$198,000	200,000	$0	120,000	$0	$0	$0	$3,033,312	$ (392,604)	$1,016,441
2012	1,300,295	$2,662,222	$210,453	$2,171,017	$200,000	$60,000	200,000	$0	120,000	$0	$0	$0	$2,961,470	$ (299,248)	$717,193
2013	1,304,071	$2,671,445	$220,000	$2,092,500	$200,000	$60,000	200,000	$0	80,000	$0	$0	$0	$2,852,500	$ (181,055)	$536,138
2014	1,307,942	$2,680,827	$221,750	$2,112,900	$200,000	$60,000	200,000	$0	80,800	$0	$0	$0	$2,875,450	$ (194,623)	$341,515
2015	1,311,912	$2,690,377	$223,518	$2,135,581	$150,000	$60,000	150,000	$0	81,608	$0	$0	$0	$2,800,707	$ (110,330)	$231,185
2016	1,315,974	$2,700,083	$138,212	$2,053,999	$150,000	$60,000	150,000	$0	82,424	$0	$0	$0	$2,634,635	$ 65,448	$296,633
2017	1,320,129	$2,709,945	$139,594	$2,075,115	$150,000	$60,000	150,000	$0	83,248	$0	$0	$0	$2,657,957	$ 51,988	$348,621
2018	1,324,378	$2,719,969	$140,990	$2,096,472	$150,000	$60,000	150,000	$0	84,081	$0	$0	$0	$2,681,543	$ 38,426	$387,047
2019	1,328,721	$2,730,150	$142,401	$2,118,071	$150,000	$60,000	150,000	$0	84,922	$0	$0	$0	$2,705,394	$ 24,756	$411,803
2020	1,333,149	$2,740,478	$143,824	$2,145,913	$150,000	$60,000	150,000	$0	85,771	$0	$0	$0	$2,735,508	$ 4,970	$416,773
2021	1,337,171	$2,750,215	$145,262	$2,168,005	$150,000	$10,000	150,000	$0	86,629	$0	$0	$0	$2,709,896	$ 40,319	$457,092
2022	1,341,290	$2,760,115	$146,714	$2,190,349	$150,000	$10,000	150,000	$0	87,495	$0	$0	$0	$2,734,558	$ 25,557	$482,649
2023	1,345,504	$2,770,177	$148,182	$2,212,948	$150,000	$10,000	150,000	$0	88,670	$0	$0	$0	$2,759,800	$ 10,377	$493,026
2024	1,349,814	$2,780,401	$149,994	$2,235,802	$150,000	$10,000	150,000	$0	89,253	$0	$0	$0	$2,785,049	$ (4,648)	$488,378
2025	1,354,216	$2,790,782	$151,494	$2,263,920	$150,000	$10,000	150,000	$0	90,146	$0	$0	$0	$2,815,560	$ (24,778)	$463,600
2026	1,358,757	$2,801,392	$153,009	$2,287,302	$150,000	$10,000	150,000	$0	91,047	$0	$0	$0	$2,841,358	$ (39,966)	$423,634
2027	1,363,300	$2,812,022	$154,539	$2,310,949	$150,000	$10,000	150,000	$0	91,958	$0	$0	$0	$2,867,446	$ (55,424)	$368,210

NOTES: * 1. Preparation and monitoring of plan implementation
2. Implementation of approved plan
3. Financial assistance to boards of health for SW enforcement
4. Financial assistance to counties within the district 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 SW 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 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 SW facilities.
10. Compensation to affected communities.

Calculation: Cumulative Balance Plus Revenue Minus Expenditure = Cumulative Balance for following year.

Calculation: Balance = Each year's Revenue Minus each year's Expenditure.

NOTE: Cumulative Balance at end of 2009 matches the "fund balance at the end of the last quarter" as stated on the first quarter 2010 Ohio EPA Fee Report.

MAHONING COUNTY SOLID WASTE MANAGEMENT DISTRICT
SOLID WASTE MANAGEMENT PLAN

TABLE VIII-8
SUMMARY OF REVENUES AND EXPENDITURES

Program Description	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Revenues	$2,589,228	$2,823,945	$2,640,708	$2,662,222	$2,671,445	$2,680,827	$2,690,377	$2,700,083	$2,709,945	$2,719,969	$2,730,150	$2,740,478	$2,750,215	$2,760,115	$2,770,177	$2,780,401	$2,790,782	$2,801,392	$2,812,022
Expenditures																			
1. Plan Monitoring/Preparation																			
(a) District Management	77,098	72,085	161,750	165,453	175,000	176,750	178,518	97,000	97,970	98,950	99,940	100,939	101,948	102,967	103,997	105,367	106,421	107,485	108,560
(b) Legal	36,000	-	86,937	45,000	45,000	45,000	45,000	41,212	41,624	42,040	42,461	42,885	43,314	43,747	44,185	44,627	45,073	45,524	45,979
2. Plan Implementation																			
(a) District Administration																			
- District Staff	454,835	462,437	483,051	520,373	445,000	449,450	453,945	355,000	358,550	362,136	365,757	369,415	373,109	376,840	380,608	384,414	388,258	392,141	396,062
- Office Overhead/Administrative Expenses	66,010	74,614	189,331	172,144	102,000	103,020	106,121	108,243	110,408	112,616	114,869	117,166	119,509	121,899	124,337	126,824	129,361	131,948	134,587
(b) Facility Operations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(c) Tire Collection	10,474	13,106	20,000	20,000	14,000	14,140	14,281	14,424	14,568	14,714	14,861	15,010	15,160	15,312	15,465	15,619	15,776	15,933	16,093
(d) HHW Collection																			
- Household Hazardous Waste Program	49,501	60,530	40,000	40,000	40,000	40,400	40,804	41,212	41,624	42,040	42,461	42,885	43,314	43,747	44,185	44,627	45,073	45,524	45,979
- LAB and Household Battery Collection	22,710	29,588	30,000	27,000	31,000	31,620	32,252	32,897	33,555	34,226	34,911	35,609	36,321	37,048	37,789	38,545	39,315	40,102	40,904
- Veh. Oil Collection	-	-	-	-	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
(e) Yard Waste Management																			
- Leaf Collection / Backyard Composting	70,598	76,125	67,000	72,000	82,000	82,000	82,000	82,000	82,000	82,000	82,000	88,000	88,000	88,000	88,000	88,000	93,000	93,000	93,000
(f) Recycling Collection																			
- Collection Drives (electronics, appliance, business)	77,922	77,052	58,200	58,200	68,000	68,680	69,367	70,060	70,761	71,469	72,183	72,905	73,634	74,371	75,114	75,865	76,624	77,390	78,164
- Curbside	-	-	-	-	30,000	30,300	30,603	30,909	31,218	31,530	31,845	32,163	32,485	32,810	33,138	33,469	33,804	34,142	34,483
- Drop-Off	561,341	532,634	476,000	467,000	490,000	494,900	499,849	504,847	509,896	514,995	520,145	525,346	530,600	535,906	541,265	546,677	552,144	557,666	563,242
- Litter Collection/Recycling Supplies/Containment & Veh. Fuel & Repair				57,000	40,000	40,400	40,804	41,212	41,624	42,040	42,461	42,885	43,314	43,747	44,185	44,627	45,073	45,524	45,979
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(g) Dump Cleanup	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(h) Litter Collection/Educ.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- Mahoning County Sheriff's Litter Collection & Recycling	80,000	120,000	120,000	120,000	120,000	121,200	122,412	123,636	124,872	126,121	127,382	128,656	129,943	131,242	132,555	133,880	135,219	136,571	137,937
(i) Engineering Srvs. Contrs.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(j) Other Services Contracts																			
- Community Recycling Assistance	516,500	555,500	454,524	478,800	479,000	483,790	488,628	493,514	498,449	503,434	508,468	513,553	518,688	523,875	529,114	534,405	539,749	545,147	550,598
- YSU Recycling & re:CREATE/Materials Exchange	90,000	90,000	90,000	100,000	110,000	111,100	112,211	113,333	114,466	115,611	116,767	117,935	119,114	120,305	121,508	122,723	123,951	125,190	126,442
(k) Education/Awareness																			
- Rural Recycling Ed. and Awareness Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- Contracted Agencies/Srvs. (Advertising)	59,798	37,195	38,519	38,500	40,000	40,400	40,804	41,212	41,624	42,040	42,461	42,885	43,314	43,747	44,185	44,627	45,073	45,524	45,979
(l) Other					-														
3. Health Dept. Enforcement	288,175	219,179	200,000	200,000	200,000	200,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000
4. County Assistance	280,000	245,000	198,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
5. Well Testing	190,508	285,140	200,000	200,000	200,000	200,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000
6. Out-of-State Waste Inspection		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7. Litter Law Enforcement	120,000	146,000	120,000	120,000	80,000	80,800	81,608	82,424	83,248	84,081	84,922	85,771	86,629	87,495	88,670	89,253	90,146	91,047	91,958
8. Health Dept. Training	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9. Municipal/Township Assist.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10. Compensation to Affected Communities	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Expenditures	**3,051,470**	**3,096,185**	**3,033,312**	**2,961,470**	**2,852,500**	**2,875,450**	**2,800,707**	**2,634,635**	**2,657,957**	**2,681,543**	**2,705,394**	**2,735,508**	**2,709,896**	**2,734,558**	**2,759,800**	**2,785,049**	**2,815,560**	**2,841,358**	**2,867,446**
Balance	($462,242)	($272,240)	($392,604)	($299,248)	($181,055)	($194,623)	($110,330)	$65,448	$51,988	$38,426	$24,756	$4,970	$40,319	$25,557	$10,377	($4,648)	($24,778)	($39,966)	($55,424)
Cumulative Balance $2,143,527	$ 1,681,285	$ 1,409,045	$ 1,016,441	$ 717,193	$ 536,138	$ 341,515	$ 231,185	$ 296,633	$ 348,621	$ 387,047	$ 411,803	$ 416,773	$ 457,092	$ 482,649	$ 493,026	$ 488,378	$ 463,600	$ 423,634	$ 368,210

NOTES:
1) Preparation and monitoring of plan implementation
2) Implementation of approved plan
3) Financial assistance to board of health for SW enforcement
4) Financial assistance to counties within the district to defray the costs of maintaining roads and other public services related to the location of solid waste facilities
5) Contract with board of health for collecting and analyzing samples from water wells adjacent to SW facilities: Poland Township, Springfield Township, and Smith Township
6) Out-of-State waste inspection program - included in Item 3 for board of health as part of their overall inspection curriculum
7) Financial assistance to local boards of health to enforce ORC 3734.03 or to local law enforcement agencies having jurisdiction for anti-littering and illegal dumping enforcement - funds for one deputy from Sheriff's Dept.
8) Financial assistance to local boards of health for Ohio EPA training and certification programs - BOH will cover all training costs internally without use of District funds.
9) Financial assistance to local communities and townships to defray the added cost of roads and services related to the operation of SW facilities.
10) Compensation to affected communities.

Calculation: Cumulative Balance Plus Revenue Minus Expenditure = Cumulative Balance for following year.
Calculation: Balance = Each year's Revenue Minus each year's Expenditure.