
Section II - EXECUTIVE SUMMARY

The overall goal of this plan is to develop an integrated solid waste management system that will be implemented in an environmentally sound, technically feasible, cost effective and publicly acceptable manner. The plan and its implementation shall be consistent with the requirements of House Bill 592, the State Solid Waste Management Plan and the administrative rules, regulations and procedures of the State of Ohio. The planning of additional recycling activities, composting facilities, incinerators, waste to energy facilities and landfills in the District is expected to be consistent with the following goals and objectives.

The plan has five specific goals that it wishes to achieve through a planning process. Each of these goals is described below:

1. To promote and protect the health, safety and welfare, and to provide, through the provisions of strict environmental regulations, the best quality of life and environment for the citizens of Mahoning County Solid Waste Management District.
2. To insure that all District citizens have an environmentally and economically viable method of solid waste disposal readily available.
3. To develop and implement waste reduction, reuse and recovery systems as alternatives to landfill disposal as projected for each year of the forecast period of this plan.
4. To develop an integrated approach to solid waste management, meeting the needs of all municipalities and townships in the District.
5. To define management responsibilities and assign appropriate roles as needed to guarantee that necessary action is taken to implement the solid waste plan.

Section III – Inventories

The purpose of this section is to inventory landfill, incineration, recycling and composting facilities as well as activities used by the District during the reference year 2003. Three sanitary landfills, located within District boundaries, were used to dispose of 94.9% of the District's total waste being landfilled. Three (3) landfills (BFI Carbon Limestone, AWS Mahoning Landfill, and Central Waste) received 99.5% percent of residential/commercial waste generated in the District that goes to landfill. There are no incineration facilities known to be active in the District. Four transfer facilities were used in transportation of 17,327 tons of District waste. There are 22 buy-back and brokerage (recycling) facilities located within or near the District plus the District itself. For reference year 2003, the recyclables processed from the buy-backs and brokerages is 19,390 tons. The District has 22 Drop-Off sites placed throughout Mahoning County to encourage residents to recycle. In year 2003, approximately 6,841 tons of recyclables are processed from the drop-off program. Curbside collection is provided by Allied Waste (formerly BFI) per contract agreement with the District. A total of 37,892 households participate in the curbside collection program. For reference year 2003, 4,318 tons of recyclables were collected from this program. There are twenty-three (23) registered Class III and IV composting facilities located in the District. Only three (3) of these composting facilities reported processing waste from the SWMD. In reference year 2003, these three (3) composting facilities received 16,980 tons of District yard waste. A list of District activities, which account for recycling tonnage is given in this section. Per the OEPA Format Version 3.0, tonnage total calculated in Section III tables do not account for double counting.

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

This section discusses the reference year population of the District, and details the methods of determining waste generation of residential/commercial and industrial sectors. Based on figures from the 2003 estimates by the Ohio Department Office of Strategic Planning, the District's population for 2003 was 254,620. The residential / commercial generation rate for 2003 was determined to be 6.42 lbs./person/day, with a generation of 298,153 tons. Industrial generation in the baseline year was estimated through disposal and recycling records. Table JJ-2 of the state plan format 3.0 and industrial surveys are utilized to establish the distribution of industrial waste generation between the various SIC categories. Mahoning County industrial waste generation in 2003 is estimated to be 130,642 tons. The residential and commercial waste generation is identified as 298,153 tons. The exempt and other waste generation value is estimated to be 2,188 tons. Therefore, the total waste generation for reference year 2003 is calculated at 430,983 tons.

Waste Reduction information is presented in Tables IV-5 and IV-6. Table IV-5 shows projections for residential and commercial sectors while Table IV-6 lists projections for industry. The amount of waste reduced in reference year 2003 from the residential and commercial sector is 36,370 tons and 51,775 tons from the industrial sector.

In accordance with OEPA Format Version 3.0, tonnages presented in Section IV tables have taken double counting into account. Therefore, the total tonnages provided in Section III will differ from Section IV totals.

Section V – Planning Period Projections and Strategies

It is estimated that throughout the plan period, the District will experience a 6.3 percent decline in population. The population is expected to drop from 251,280 (2006) to 234,245 (2022). With the expected decrease in population, it is anticipated that the total amount of residential/commercial solid waste generated by the District will also decline even though the generation rate per person is anticipated to increase during the planning period. The total amount of residential/commercial solid waste generated by the District during the planning period is expected to decrease from 299,745 tons (2006) to 293,104 (2022). According to the Ohio Bureau of Employment Services, employment in the manufacturing sector is expected to decrease. Taking this fact into account, industrial waste generated is expected to decrease from 124,709 tons in 2006 to 98,551 tons in 2022. Section V details the District's programs and strategies, which include:

OPPORTUNITY TO RECYCLE PROGRAM

Drop off Recycling Sites:

The District began implementation of recycling drop off sites in 1991 and has continued adding sites throughout the years. In 2003, the District had 23 sites and plans to increase the sites to 45 by 2008. This will provide even greater access to recycling. This program is predicted to yield 3,577 tons in 2006, and increasing by 3% in 2008 and throughout the remainder of the plan. The District continues funding for communities hosting recycling sites throughout the plan period (see Table VIII-8).

Non-Subscription Curbside:

The District plans no major changes for this program throughout the plan period. Non-subscription curbside is provided through the Carbon Limestone Agreement and will continue to exist for the life of the Carbon Limestone Sanitary Landfill. The District has worked with Allied Waste (formerly BFI), the provider of curbside collection, to expand curbside to condominium associations and new developments. In 2005, Amendment Four (4) of the Carbon Limestone Agreement was passed by the Mahoning County Commissioners and contained the expansion to materials accepted at the curb. The collection of magazines, catalogs and glossy newspaper slicks enable residents to get more use of the curbside program. This program is no cost to the District.

Christmas Tree Collection:

The District provides Christmas tree collection at sixteen (16) sites in Mahoning County from December 26 through January 31. Through this program, the District diverted 17,000 lbs. of Christmas trees from landfills in 2003, and 48,000 lbs. in 2005. The District continues funding for this program through the plan period, providing advertising and labor through contracted services.

Magazine/Catalog Recycling Drive:

This program will be discontinued in 2006 due to expanded curbside materials and increased recycling sites, particularly the 4 new sites located within the City of Youngstown.

Appliance Drive:

The District provides funds for individual community collections once per year. In 2003, 186.5 tons of white goods were diverted from landfills through this program. The District continues funding for this program throughout the plan period.

Office Paper Recovery:

The District provides technical assistance and personnel for the collection for mixed paper collection from public and private sector offices. The collection of office paper and publications expanded greatly in 2005 by adding 99 private businesses. The District anticipates adding one hundred fifty companies every year throughout the plan period. The District provides funding for this program in Table VIII-8, under the "opportunities to Recycle" program.

Rural Recycling and Awareness Program (RREAP):

This USDA grant was awarded to supply and address specific needs of rural residents with outlets for specialized recycling markets. Examples include animal bedding, landscaping nurseries and material exchanges not listed through the CERTT program. In 1994, the District received the first grant awarded to a District in Ohio under the USDA Rural Development Administration, Rural Recycling Education and Awareness grant. The first \$113,600 grant, approved in September of 1994, funded a solid waste education program concentrating on youth, adults and businesses located in the District's rural communities.

The District expects to financially support this agenda and its curriculum throughout the planning period.

School Fiber Program:

This new program collects high-grade paper, mixed low-grade paper, shredded documents, computer paper, most paper publications and cardboard, generated from area schools. A four (4) yard recycling container is situated at participating schools. Teachers collect the paper products from the classrooms and stage them to be taken to the recycling bin. Once filled, they are reported to the District for scheduled pull and recycling.

Twenty-two Schools participated in 2003 in a two-stage rollout. The program integrated thirty-two (32) additional schools at the end of 2004, and a total of 81 schools were members in 2005. The remainder of District schools are scheduled to join (84 in total) by the conclusion of 2006.

This program's funding is enveloped within the District Drop-Off Recycling program, and as one of the most successful District programs to date, continues to be funded throughout the plan period.

Waste Tire Removal:

A central collection point at the Mahoning County Engineers office is provided to collect discarded tires littered on Mahoning County's public roadways. All county, township and municipal street departments are encouraged to utilize this free benefit. This program is slated to remain a District strategy throughout the planning period.

In 2005 Mahoning County's first Tire Amnesty Day was conducted. This program was established to augment the small tire grants program that was in operation during previous years. The intent is to

offer tire recycling to all residents of Mahoning County and not just within the communities that opted to participate in the grant program. The grant strategy will cease to exist in its present form and will only be dispersed after budgeting for the countywide Tire Amnesty Day is complete. All remaining funds allocated to tire disposal in sections VIII-8 will then be offered in the form of tire grants.

Competitive Funding Program:

This program provides funding to local governments, educational institutions, and non-profit organizations for solid waste reduction and buy recycled programs. All awards must include a component of recycling and/or reuse initiatives. The District requires a 20% match from the agency or entity applying for the grant, documentation of project's expenses, and a timeline of the project activities.

In 2003, the District earmarked \$298,184 in grants for this program. Future funding levels are projected to level off at around \$50,000 commencing in 2007. Funding for this program is anticipated to cease after 2010. Continuation of grant levels beyond 2010 will be based on review of District revenues to be applied towards recycling percentage goals.

Build America Beautiful:

This District program seeks to persuade contractors and their subcontractors to observe an eco-friendly approach to construction. This program promotes the minimization of environmental impact concerning material waste, excavation, indigenous wildlife and the reduction in use of virgin materials by implementing recycled products. It introduces consumers and event attendees to the Build America Beautiful concept, introduces the use of recycled building materials, and gets publicity for eco-friendly construction practices.

Household Hazardous Waste Collection:

This program provides for the collection of the following materials; paint, flammables, aerosols, pesticide liquids/solids, antifreeze, cleaners, reactives, mercury, propane cylinders, lead acid batteries, asbestos, R-22/12 Freon, oxygen cylinders, and oil.

Mahoning County intends to reduce the number of collections from two (2) held in 2004 and 2005 to one (1) annual event and continue with one event throughout the plan period.

Household Battery Collection:

The Household Battery Collection Program allows residents to drop off dry cell batteries at various locations in Mahoning County such as public libraries, schools and government offices. The dry cell batteries are sorted by District staff and shipped to Battery Solutions in Wayne, Michigan for recycling. Rechargeable batteries are sent to Inmetco located in Ellwood City, PA. Program costs are attributed to shipping and the recycling process.

The District continues this program for residents throughout the plan period.

Electronics Collection :

The Electronics Collection provides residents with an opportunity to bring electronic items such as computers, keyboards, monitors, radios and other electronics to a collection site rather than disposing of the items in a landfill. Components are eventually deconstructed and recycled. The District held single day collections in 2003-2005.

In 2006, a change in frequency may provide increased tonnages as well as convenience. The District intends on conducting sixteen (16) smaller collections in participating municipalities. The District plans to expand the electronics recycling operation with weekly collection events for a minimum of 4 months per year commencing in 2006. The District continues funding for this collection at \$18,500 in 2006 through 2009. Mahoning County anticipates this strategy will be privatized within

the next few years and therefore associates no cost from 2010 through the remaining of the planning period.

Township LAB Collection:

Both Milton & Berlin Twp drop-off sites continued to accept limited quantities of LAB during the reference year. The batteries are accepted at either of the recycling centers and then are taken at no cost by a local battery recycler. The funding provided to the townships for recycling coordinators funds this program.

RESIDENTIAL SECTOR EDUCATION & AWARENESS PROGRAMS

Recycling Promotional Campaign:

The “campaign” is an umbrella program name over many other subordinate programs. Primarily, it is the public relations vehicle that the District utilizes to convey its message. It involves the combined use of advertising, presentations, promotions, pamphlets, appearances, print and broadcast media features. The elements of the campaign are targeted to the appropriate recycling strategy. Some individual programs include:

- Cash for Cans
- Design a Placemat Contest
- Litter Prevention and Recycling Education Environmental Workshops
- Public Presentations
- Advertising
- Backyard Composting Program
- Resource Library
- Pay-as-you-throw

The District has great success with public awareness and promotional activities for children and adults. The District continues funding for these activities throughout the plan period.

District Web Site:

The District maintains a comprehensive web site to keep local residents, businesses and industry informed of upcoming news and events. Information presented includes recycling opportunities, recycling alternatives database, grant opportunities, breaking news and education programs. The website serves as an integral part of our overall advertising and educational strategies.

Six hundred dollars (\$ 600) is budgeted annually to pay for web hosting services and domain name registration.

Mahoning County intends to continue this strategy throughout the planning period. As technology advances, so will too our web presence.

YARD WASTE PROGRAMS

Leaf Collection Program:

This program is a new initiative that seeks to minimize the yard waste impact to our local landfills. The District intends to conduct an eight-week leaf collection for every urban municipality within the county. The timetable for deployment will add one or two municipalities per year compounded to the previous year’s additions. Ultimately, the program should incorporate all qualified areas by 2011.

The District will fund this program for communities throughout the plan period.

LITTER PROGRAMS

Litter Collection and Adopt-A-Road Programs:

The District contracts with a local correctional rehabilitation facility that assigns crews of non-violent inmates to pick up roadside litter and recyclables throughout the county.

The District also sponsors an Adopt-A-Spot program where individuals, groups or businesses volunteer to keep a specified section of roadway litter-free in exchange for roadside signs acknowledging the participants. Mahoning County will continue and expand its keep America beautiful affiliation. The District expects to financially support this agenda and its activities throughout the planning period.

Litter and Illegal Dumping Law Enforcement:

This program provides for two Mahoning County Sheriff Department deputies to conduct surveillance on known illegal dumping sites, patrol to enforce ORC 3767.32 (littering and illegal dumping), ORC 4513.31 (unsecured load), ORC 4511.82 (littering from motor vehicle), and ORC 1547.49 (littering from watercraft). The deputies cite violators, follow through the investigation phase, cooperate with the City and County Prosecutor personnel, and appear in court for hearings. The goal is to place strong emphasis on zero tolerance for littering and illegal dumping in Mahoning County.

A budget of \$60,000 annually is provided for this strategy throughout the planning period. The District anticipates this program to greatly impact illegal dumping and blight within Mahoning County.

INDUSTRIAL & COMMERCIAL/INDUSTRIAL HYBRID PROGRAMS

re:CREATE/Dump & Run:

The District, in cooperation with Youngstown State University, will launch a reuse awareness project entitled "YSU re:CREATE and Dump and Run". The re:CREATE manager will collaborate with District personnel on addressing the industrial reuse and waste reduction strategies currently in place for District based industries. The re:CREATE manager will also plan and implement community Dump and Run projects.

A budget of \$30,000 annually is provided for this strategy beginning in 2006 and continuing throughout the planning period.

Materials Exchange Database:

Through a small grant from the District, YSU will hire a full time re:CREATE manager who will be responsible for maintaining the materials exchange newsletter and online database. A searchable database developed by Youngstown State University provides access for over 1,009 registered companies. Participants can list as available or wanted any surplus inventory that may result from overproduction, production waste or surplus stock for exchange. The database is openly available to not only Mahoning County residents but surrounding areas as well.

This strategy is bundled with the re:Create program in costs (see above, re:CREATE).

Commercial/Industrial Specialist:

Programs utilizing a dedicated commercial/industrial specialist will be implemented in 2006. The focus will be on reduction, recycling and reporting. The District feels that there is a substantial amount of unreported waste reduction and recycling within these sectors. This assumption is predicated on the amount of unreported recycled and generated materials gathered in the most recent industrial survey. This unified and focused strategy should shed light on unreported activities.

As a District staff position, the funding for this is grouped under “Admin Salary, District Expenses” in Table VIII-8.

Waste Assessments Program:

A revised waste assessment program will be implemented in 2006. With the termination of the Youngstown State University CERTT program, no industrial assessments were conducted for 2005. This program will be reimplemented in 2006. The core focus will be to encourage businesses and institutions to establish waste disposal and production practices that benefit the environment and may introduce a cost benefit. The District will also provide opportunities for recycling and technical assistance for recycling with private haulers.

This strategy will be a combined effort between the Commercial/Industrial specialist and re:CREATE Manager. The costs associated with those programs will supply the necessary funding to support this endeavor.

OTHER

Material Recovery Facility:

The District received a commitment early in 2006 from Recycle Management, Inc. out of Pittsburgh PA to construct and operate a privately funded MRF in Mahoning County. It is estimated that the MRF will handle approximately 12,000 tons of recyclable material annually. The MRF is initially being designed to handle all curbside collected recyclables (approximately 5,000 tons per year). The facility will be under construction in 2006 and it is anticipated to be completed and in operation December 31, 2006.

Mahoning County Centralized Solid Waste Management District Headquarters:

In 2006, the District will begin the process of an internal needs assessment for developing a plan to acquire or build permanent housing for its administration and operation. The District intends to have the needs assessment completed by January 2007 in order to begin the process of building acquisition or construction per Ohio Revised Code sections 307.02 and 307.86 and in compliance with Mahoning County Purchasing policies and procedures.

Section VI – Methods of Management: Facilities & Programs to be Used

Section VI presents information regarding solid waste management methods used in the District to manage the projected waste generation quantities for the 15-year planning period. The total net tonnage of solid waste to be managed is expected to decline from 428,927 tons in 2006 to 396,128 in 2022. Recycling in the residential/commercial and industrial sectors combined is anticipated to grow from 93,517 tons in 2006 to 161,312 tons in 2022. Likewise, yard waste composting is anticipated to increase from 6,752 tons to 13,274 tons during the planning period. The net effect of these activities is that over the course of the planning period the district will require 4,589,976 tons in landfill capacity to dispose of District’s generated waste.

In conjunction with the implementation schedule for District Programs and the projected reduction rates associated the various strategies, the District demonstrates in Section VI sufficient access to existing landfill capacity at designated landfills for disposal of District waste throughout the planning period.

Section VII – Measurement of Progress toward Waste Reduction Goals

The State Solid Waste Management Plan mandates that the Mahoning County Solid Waste District must demonstrate at least 90 percent of the residential population within the County will have access to waste reduction and recycling programs by the year 2000 (Goal #1). In addition, the District

must also demonstrate that generators in the commercial/institutional sector have access to recycling or other alternative management methods. In Section VII, the District demonstrates fulfillment of Goal #1. Through the curbside and drop-off programs the District has demonstrated access to the residential sector. The four materials the District has selected to demonstrate access to the residential sector are newspaper, glass containers, aluminum containers, and plastic containers. Through the services offered by private entities and the Districts School Fiber and Office Paper Recovery Programs, the District provides access to recycling for the commercial/institutional sector. The four materials the District has selected for access demonstration to the commercial/institutional sector are corrugated cardboard, office paper, aluminum containers, and wood packaging.

The District continues to strive toward meeting Goal #2, which is: To reduce and/or recycle at least 25 percent of the residential/commercial and 50 percent of the industrial waste generated. The District anticipates through this plan that by relying on existing programs and implementing new strategies, by 2010 (the timeframe for the next scheduled plan update) the District will obtain a 20% recycling rate in residential commercial wastes and a 54% recycling rate for industrial wastes.

Section VIII – Cost and Financing of Plan Implementation

To assess the costs involved with various waste reduction and recycling activities, an analysis of capital and operating costs has been performed for each activity. This section also documents the funding mechanisms and amounts of money generated to continue the District's activities.

Revenues based on District's levied disposal fees are projected to range annually from \$3,257,228 in 2006 to \$3,190,215 in 2022. The District will continue to apply to applicable grant programs for assistance but cannot rely on the availability of any grant resources.

Planned District program expenses are budgeted at a high of \$4,018,585 in 2007 to \$3,539,292 in 2022. The proposed budget always maintains a substantial reserve fund balance. However, the reserve is generally declining over the course of the planning period. The balance ranges from a high of \$2,485,049 in 2006 to the minimum ending balance projected for 2022 of \$265,392.

(Note: Section X provides an alternate analysis that also projects District revenues.)

Section IX – District Rules

Ohio Revised Code Section 3734.53 (C) provides for the creation of four types of local rules under the solid waste management plan. These rules may:

1. Prohibit, or limit, out of district solid waste from being received at facilities covered by the Plan. (The Director of the Ohio EPA can modify the legislation to order the District to accept waste from other solid waste districts within the State of Ohio.)
2. Govern the maintenance, protection and use of any current or proposed solid waste collection, disposal, transfer, and recycling or resource recovery facility within the District. Requirements for the submission and approval of construction, enlargement or modification plans may be set under this section.
3. Develop and implement inspection programs for solid waste generation outside the State that is disposed at solid waste facilities included in the Plan.
4. Exempt the owner or operator of an existing or proposed solid waste facility provided for in the plan from compliance with an amendment to a township or rural zoning resolution that rezoned or redistricted the parcel within two years preceding the filing an application with the Ohio EPA of a permit to open a new or modify an existing solid waste facility.

The District is not authorizing specific rules in the Plan, but is reserving the right to do so if necessary under Sections 3734.53 (C) (1), (2) and (3). No authorization is being made in the Plan for adoption of rules under Section 3734.53 (C) (4). Any rule development under the plan will be coordinated with potentially affected townships and municipalities, the Mahoning County Board of Health and solid waste facility operators. Subsequent to the development of rules authorized under the plan, the County commissioners, as required in Ohio Revised Code 343.01 (F), must adopt, publish and enforce the rules for them to become effective.

Section X – Alternate Analysis

During the course of updating the Mahoning Solid Waste District Solid Waste Management Plan it became evident that there is an inherent degree of uncertainty surrounding the industrial sector solid waste generation. In the interest of District financial stability a planning approach was selected that provided a conservative estimation of District revenues. This same approach provided a demonstration of access to landfill capacity that assumes the low end of needed landfill capacity. In an effort to clearly demonstrate that the District has access to sufficient landfill capacity (under a worst case scenario) and to present an optimistic view of potential District revenues, this alternate analysis has been added to supplement the conclusions of the plan.

The re-analysis presented in Section X includes various tables labeled as the original table designation with “Alt.” following the table number.

These alternate analysis projections were used to calculate the aggregate quantities of in-District solid waste, which must be disposed of in solid waste facilities during the plan period, 2006 - 2022. As identified in Table VI-4 Alt, the District alternate analysis is projecting disposal of approximately 322,008 to 273,074 tons of District generated solid waste annually in Mahoning County landfills over the course of the planning period.

By 2011, five years into the planning period, the cumulative balance under the alternate analysis is approximately 12% higher than the estimate in Section VIII. But, by the end of the planning period the cumulative ending balance is \$1.194M, which is substantially higher than the \$0.265M balance projected by the original method.

Plan Profile

See Tables ES-1 through ES-4.

MAHONING COUNTY SOLID WASTE MANAGEMENT DISTRICT SOLID WASTE MANAGEMENT PLAN

TABLE ES-1

GENERAL INFORMATION

District Name: Mahoning County Solid Waste Management District		
District ID # : 150	Reference Year: 2003	Planning Period: 2006 - 2022 (17 YEARS)
Plan Status:		
D	RD	DR Approved (date):
		OI (date)
		DA

Abbreviations: D - Draft, RD - Ratified draft, DR - Draft revised, OI - Ordered to be implemented,
DA - Draft ammended

TABLE ES-2

DISTRICT OFFICE

Name: James Petuch		
Address: Southside Annex Building, 2801 Market Street		
City: Youngstown	State: OH	Zip: 44507
Phone : (330) 740-2060		Fax : (330)740-2066

**MAHONING COUNTY SOLID WASTE MANAGEMENT DISTRICT
SOLID WASTE MANAGEMENT PLAN**

**TABLE ES-3
PLAN DATA SUMMARY**

PLAN DATA					
YEAR		2003 (ref. yr.)	2006	2011	2016
Population		254,620	251,280	244,842	240,006
Generation (TPY)	Industrial ¹	130,642	124,709	115,608	107,390
	Res/Com ²	298,153	299,745	296,534	295,057
	Exempt	2,128	4,413	4,413	4,413
	Other	60	60	60	60
	Total Generation	430,983	428,927	416,615	406,920
Waste Reduction (TPY)	Industrial Source Reduction ³	0	0	0	0
	Industrial Recycling ³	51,775	53,630	66,891	69,954
	Res/Com Source Reduction ⁴	0	0	0	0
	Res/Com Recycling ⁴	19,390	39,886	54,335	69,795
	Composting ⁴	16,980	6,752	9,589	11,116
	Incineration ⁵	0	0	0	0
	Ash Disposed ⁵	0	0	0	0
	Total Waste Reduction	88,145	100,269	130,815	150,865
Disposal (DL) (TPY)	In-District Landfill ⁶	325,182	312,634	284,959	255,301
	Out-of-District Landfill ⁷	17,656	16,025	841	754
	Total Landfill	342,838	328,658	285,800	256,054
Waste Reduction Rate (WRR) %		20.6	23.6	31.7	37.5

1. Table VI-3 2. Table VI-2 3. Table V-6 4. Table V-5 5. Table VI-1, VI-2, VI-3 6. Table VI-4
7. Table VI-4
WRR excludes Exempt & "Other" waste

**MAHONING COUNTY SOLID WASTE MANAGEMENT DISTRICT
SOLID WASTE MANAGEMENT PLAN**

**TABLE ES-4
EXISTING DISPOSAL FACILITIES**

EXISTING DISPOSAL FACILITIES USED IN THE REFERENCE YEAR (2003)				
NAME	COUNTY	DISTRICT TONS	TOTAL TONS	YEARS LEFT
BFI CARBON LIMESTONE LANDFILL	MAHONING	174,904	1,475,158	20.9
AWS MAHONING LANDFILL	MAHONING	139,687	327,415	10.5
CENTRAL WASTES LANDFILL	MAHONING	10,591	175,732	0.8
AMERICAN LANDFILL	STARK	15,707	1,611,890	3.9
AWS AMERICAN TIRE MONOFILL	STARK	385	7,172	74
RW COUNTYWIDE LANDFILL	STARK	322	1,377,983	38.8
KIMBLE SANITARY LANDFILL	TUSCARAWAS	23	340,538	92.3
SUBURBAN SOUTH R&D FACILITY LANDFILL	PERRY	32	606,165	23.5
LIBERT TIRE / C&E COAL TIRE PROJECT	STARK	940	50,673	0.2
EVERGREEN R&D LANDFILL	WOOD	247	504,087	14.1
TOTAL		342,838		

* Includes Exempt & "Other" Waste as per 2003 Facilities Data Report