



## Calendar Year 2006 Annual District Report

Prepared in accordance with OAC 3745-27-90 (F)

### I. Reference Information

1a. Name of Primary District Contact David Held		1b. Title of the person listed in 1a. Executive Director	
2. Name of Solid Waste Management District or Authority Stark-Tuscarawas-Wayne Joint Solid Waste Management District			
3. Address of District 9918 Wilkshire Blvd. NE		City Bolivar	State OH
		Zip 44612 -	
4. Telephone: ( 800 ) 678 - 9839 Ext. FAX: ( 330 ) 874 - 2449		6. Does District have a Web site <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No    If yes, list address below: www.timetorecycle.org	
5. E-mail Address david@timetorecycle.org			
7. Name of person responsible for filling out this report. James A. Skora		8. Business relationship of # 7 (left) to District Consultant	
9. Telephone of # 7 (above) ( 330 ) 899 - 1103 Ext.		(Date Stamp – Please Do not write in this section)	
10. Address of # 7 GT Environmental, Inc. 567 East Turkeyfoot Lake Road Suite B1-5 Akron, Ohio 44319			

### II. Name and address of current Policy Committee Chair (District) -or- Board of Trustees Chair (Authority)

Name: William Franks	Date he/she assumed role: 01 / 2007 (mm / yyyy)	Phone: ( 330 ) 493 - 9904 x210
Address 1: Stark County Department of Health		FAX: (330) 493 - 9920
Address 2: 3951 Convenience Circle NW		E-mail: FranksB@starkhealth.org
City: Canton	State: OH	Zip: 44718 -

Please do not write below this line

Data			File	
<input type="checkbox"/> RECYC	<input type="checkbox"/> IMPS	<input type="checkbox"/> REV	Program _____ County _____ Fac/Entity _____ Subcategory _____	
<input type="checkbox"/> HHW	<input type="checkbox"/> ODNR	<input type="checkbox"/> Filed		
<input type="checkbox"/> NOV	<input type="checkbox"/> NOD			

**III. DISTRICT INFORMATION**

<p><b>1. Population of District (2006):</b></p> <p>587,199</p>	<p><b>2. Source(s) of Population Information:</b></p> <p>2006 projections from Ohio EPA Written Solid Waste Plan for District</p>
<p><b>3. Special Circumstances that affected District activities or waste generation in 2006:</b></p> <p>The Mount Eaton Landfill remained temporarily closed in 2006 due to regulatory issues. The closure has not affected the District with regards to landfill capacity.</p> <p>The District realized a fluctuation in disposal at District landfills from out-of-state generators and from out-of-district (in-state) generators. The District's solid waste generation has remained steady over the past five years. Although there is no direct or immediate impact to the District regarding the trends listed above, the District intends to monitor the in-flows of out-of-district solid waste disposal in the future.</p>	

**IV. OUT-OF-STATE SOLID WASTE FACILITIES USED BY THE SOLID WASTE MANAGEMENT DISTRICT\***

<p>Does the District have any contracts or other special agreements with out-of-state waste facilities or haulers that provide data on waste taken out of state? or Does the District keep it's own data on waste sent out of state? (check one below).</p>	
<p><input type="checkbox"/> Yes → Complete Table IV.1</p> <p><input checked="" type="checkbox"/> No → Continue with section V</p>	<p><b>NOTE:</b> If you maintain a list of out-of-state facilities that have accepted waste from the District but you do not know the amount, you may list the name(s) of the facility(ies) and an unknown amount of waste.</p>
<p>Source(s) of the out-of-state waste data:</p> <hr/> <hr/> <hr/>	

**Table IV.1 OUT-OF-STATE Facilities Used by the Solid Waste Management District**

Amount of District Solid Waste Disposed by Type of Waste (tons) <sup>3</sup>								
OUT-OF-STATE Facility Name	State	Amt. un-known	Asbestos	Municipal Solid Waste	Industrial Solid Waste	Exempt Waste <sup>1</sup>	Other	Total
None		<input type="checkbox"/>						
		<input type="checkbox"/>						
		<input type="checkbox"/>						
		<input type="checkbox"/>						
		<input type="checkbox"/>						
		<input type="checkbox"/>						
		<input type="checkbox"/>						
		<input type="checkbox"/>						
		<input type="checkbox"/>						
		<input type="checkbox"/>						
		<input type="checkbox"/>						
<b>Out-of-State Disposal Total<sup>2</sup></b>								
<p>1 Exempt waste is defined as materials which are exempted or “excluded” from the definition of solid waste. Examples include non-toxic foundry sand, and non-toxic fly ash and bottom ash.</p> <p>2. Net total of solid waste disposed out-of-state. Waste that went through an out-of-state transfer station and disposed in an out-of-state landfill has been adjusted to eliminate double counting.</p> <p>3. All Amounts are reported in tons. The following conversion factors were used to convert volumes to tons: n/a</p>								

V. VOLUME-BASED BILLING / PAY-AS-YOU-THROW PROGRAMS ACTIVE IN THE DISTRICT IN 2006

Table V.1 Pay-As-You-Throw Disposal Programs

Name of the community (city, village, or township) served by the PAYT program	#HH <sup>1</sup>	District Role	Contact Information	What recycling services are available to residents in the community (check one)
None		<input type="checkbox"/> Operate <input type="checkbox"/> Fund <input type="checkbox"/> None	Name: Telephone: Org:	<input type="checkbox"/> Non-subscription curbside recycling <input type="checkbox"/> Subscription curbside recycling <input type="checkbox"/> Drop-off recycling   <input type="checkbox"/> None
		<input type="checkbox"/> Operate <input type="checkbox"/> Fund <input type="checkbox"/> None	Name: Telephone: Org:	<input type="checkbox"/> Non-subscription curbside recycling <input type="checkbox"/> Subscription curbside recycling <input type="checkbox"/> Drop-off recycling   <input type="checkbox"/> None
		<input type="checkbox"/> Operate <input type="checkbox"/> Fund <input type="checkbox"/> None	Name: Telephone: Org:	<input type="checkbox"/> Non-subscription curbside recycling <input type="checkbox"/> Subscription curbside recycling <input type="checkbox"/> Drop-off recycling   <input type="checkbox"/> None
		<input type="checkbox"/> Operate <input type="checkbox"/> Fund <input type="checkbox"/> None	Name: Telephone: Org:	<input type="checkbox"/> Non-subscription curbside recycling <input type="checkbox"/> Subscription curbside recycling <input type="checkbox"/> Drop-off recycling   <input type="checkbox"/> None
		<input type="checkbox"/> Operate <input type="checkbox"/> Fund <input type="checkbox"/> None	Name: Telephone: Org:	<input type="checkbox"/> Non-subscription curbside recycling <input type="checkbox"/> Subscription curbside recycling <input type="checkbox"/> Drop-off recycling   <input type="checkbox"/> None
		<input type="checkbox"/> Operate <input type="checkbox"/> Fund <input type="checkbox"/> None	Name: Telephone: Org:	<input type="checkbox"/> Non-subscription curbside recycling <input type="checkbox"/> Subscription curbside recycling <input type="checkbox"/> Drop-off recycling   <input type="checkbox"/> None

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1. Number of Households Participating in program

**VI. SOLID WASTE MANAGEMENT DISTRICT WASTE REDUCED AND RECYCLED [OAC 3745-27-90 (F)(3)]**

**IMPORTANT NOTICE:** When reviewing data submitted with the ADR, Ohio EPA evaluates the data for consistency with data from previous years and for quantities that seem particularly unusual for a given material. Ohio EPA strongly encourages districts to do the same prior to submitting the ADR. This is particularly important if this will be the data used for the reference year for a solid waste management plan update. The data reported in this section may be subject to increased scrutiny when used as reference year data in a plan update. Districts are encouraged to provide supporting data and documentation whenever possible for the recycling numbers reported in this section, and are encouraged to contact Ohio EPA with any questions.

**VI(A), Source(s) and Date(s) of Information for Table VI.1** (attach additional sheets if necessary)

Check where applicable: Additional data are attached: <input type="checkbox"/> to this sheet <input checked="" type="checkbox"/> in appendix	
Source(s) of data reported in Section VI (check all that apply)	Calendar Year(s)
<input checked="" type="checkbox"/> survey of recycling collection programs or activities	2006
<input checked="" type="checkbox"/> survey of recycled material brokers, processors, or scrap dealers	2006, 2005, 2004
<input checked="" type="checkbox"/> survey of industries	2006, 2005, 2004
<input checked="" type="checkbox"/> Other(s) (specify):	2006 survey of compost facilities, haulers, commercial businesses, institutional entities, institutions and municipalities.
_____	_____

**VI (B). Conversion factors used in the preparation of Table VI.1.**

**B.1. The number of scrap tires was converted to tons using the following method(s):**

<input checked="" type="checkbox"/> 1 Tire = 20 Lbs.	<input type="checkbox"/> weighed w/ scales	<input type="checkbox"/> Other, explain here
--	--	--

**B.2. Conversion factors and calculations used to convert cubic yards of yard waste to tons:**

3 CY = 1 Ton

**B.3. Other conversion factors, calculations or methodology used to complete Table VI.1:**

7.5 lbs/gallon for used oil, 8.34 lbs/gallon for antifreeze

**Table VI.1 Solid Waste Management District Waste Recycled (Tons)**

<b>NOTE:</b> Please read the 2006 ADR Instruction Manual carefully before filling out this table. Any materials not listed in one of the 20 pre-designated categories below must be specified so the district may receive proper credit for these materials.			
<b>Recyclable Categories*</b>	<b>Residential/Commercial Tons Recycled</b>	<b>Industrial Tons Recycled</b>	<b>Total Tons Recycled</b>
1. Appliances / "White Goods"	274.21	0.00	274.21
2. Lead-Acid Batteries	46.79	0.37	47.16
3. Dry Cell Batteries	0.00	0.00	0.00
4. Food	4,242.25	12,271.01	16,513.26
5. Glass	1,200.27	74.99	1,275.26
6. Household Hazardous Waste	454.78		454.78
7. Ferrous Metals	2,584.58	554,254.22	556,838.80
8. Non-Ferrous Metals	243.36	10,623.52	10,866.87
9. Corrugated Cardboard	3,745.32	105,315.98	109,061.30
10. All other paper	7,232.29	5,497.16	12,729.45
11. Plastics	180.95	900.27	1,081.22
12. Scrap Tires (tons)	910.86	0.50	911.36
13. Textiles	418.91	5.32	424.23
14. Used Motor Oil	88.92		88.92
15. Wood	320.84	66,299.11	66,619.95
16. Yard Waste	55,616.56	0.00	55,616.56
17. Commingled Recyclables	4,495.61		4,495.61
18. Electronics (all residential)	268.99		268.99
19. Ash (recycled ash only)	0.00		0.00
20. Non-Exempt Foundry Sand	0.00	15,595.00	15,595.00
21. Rubber	0.00	400.00	400.00
22. Refractory Brick	0.00	44,164.00	44,164.00
23. Sand	0.00	4,140.00	4,140.00
24. Swarf	0.00	5,206.00	5,206.00
25. Mill Scale	0.00	1,527.00	1,527.00
26. Slag	0.00	5,334.00	5,334.00
27. Dust	0.00	2,379.00	2,379.00
28. Packaging Materials	33.00	0.00	33.00
29.			
30.			
<b>31. Recycling Subtotals</b>	<b>82,358.49</b>	<b>833,987.45</b>	<b>916,345.94</b>
<b>Source / Volume Reduction and Incineration</b>			
32. Source Reduction (2006)	0.00	0.00	0.00
33. Incineration	0.00	0.00	0.00
<b>34. Source Reduction Subtotals</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>35. Grand Totals</b>	<b>82,358.49</b>	<b>833,987.45</b>	<b>916,345.94</b>
* Please read the instruction booklet carefully for definitions and restrictions on reportable categories so that the district may receive the proper recycling credit for all creditable materials.			

## VII. Explanation of data reported in Table VI.1

**Table VII.1 Additional Descriptions of specific materials reported in Table VI.1**

Row No. (Table VI.1)	Material Listed	Explanation of atypical numbers, significant changes in quantities of a material recycled compared with the 2005 ADR, and/or materials listed in rows 21 through 30 which require additional details.
	See Attached Report	See Attached Data Explanation Report
<b>Attach additional sheets as necessary.</b> If additional data are attached please check here: <input checked="" type="checkbox"/>		

**Table VII.2. Important issues affecting the 2006 recycling and waste reduction data in this report.**

The District is in the fourth year of comprehensive surveying of all sectors in the Tri-County area. This effort has produced a significant increase in recycling data. The District surveyed 1,585 industrial businesses, 4,930 commercial businesses, 64 compost facilities, all three county recycling offices, 31 recycling brokers and facilities and 51 solid waste haulers. The District did not count broker or hauler data in order to eliminate double counting issues. The District used the surveys and OEPA compost facility data to calculate yard waste data. All yard waste data was cross referenced to ensure no double counting was encountered.

**Section VIII OTHER WASTE REDUCTION / RECYCLING ACTIVITIES**

**Table VIII. 1 Other Beneficial Recycling Activities – materials not creditable toward Solid Waste recycling totals**

<b>Material Type</b>	<b>Residential/Commercial Tons Recycled (2006)</b>	<b>Industrial Tons Recycled (2006)</b>	<b>Total Tons Recycled (2006)</b>
Asphalt	0.00	158,750.00	158,750.00
Concrete	84.00	56.00	140.00
Fats, Oils, Grease	42.00	0.00	42.00
<b>Other recycling and waste reduction activities in the District in 2006 that were not reported in section VI:</b>			
None			



**Section IX**

**IX. REVISIONS AND ADDITIONS IN SOLID WASTE MANAGEMENT DISTRICT RULES (attached)**

Under Section 343.01(G) of the Ohio Revised Code, districts have the authority to adopt rules after final plan approval, provided the approved plan authorizes the solid waste management district to do so. Please attach one copy of all final rules adopted and/or modified by the district during 2006 [OAC 3745-27-90 (F)(5)].

Please check here if information pertaining to section IX is attached to this report.

**X. FEES AND FUNDING**

**A. Host Community Fees:**

County, Township or Municipality	Fee
Sandy Township, Stark County	\$ 0.25
Pike Township, Stark County	\$ 0.25
Dover Township, Tuscarawas County	\$ 0.25
Paint Township, Wayne County	\$ 0.25

**B. District Contract Fees with facilities, haulers, etcetera:**

Entity (party to contract)	Brief Description of Contract Fee
None	

**C. Changes in District Fees in 2006:**

Check this box if the District / Authority has passed a resolution exempting Automobile Shredder Residue (ASR) from generation fees (as authorized under ORC §3734.576(B), effective 03/29/2006) and include a brief narrative listing the major details of the resolution in the space below or attach a copy of the resolution to the back of this page. (Check here if a copy of the resolution is attached: )

None

**D. Other funding issues relevant to District operations in report year 2006:**

None

**XI. HOUSEHOLD HAZARDOUS WASTE MANAGEMENT (HHW) PROGRAMS IN 2006**

**Table XI.I. HHW Management**

<b>A. Permanent General Collection Event(s)</b>		<input type="checkbox"/> Check here if you collected electronics at the event(s)
Check here if offered in 2006: <input type="checkbox"/>	Do you intend to offer this collection event in 2007? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Number of events held in 2006:		Hazardous waste contractor or entity that operated event:
Number of cars participating:		
Cost of collection program:	\$	Number of days event ran in 2006:
<b>Material Subtotals</b>		
Pounds disposed		<b>Comments on this event:</b>
Pounds recycled/reused		
<b>Total Pounds collected</b>		
<b>B. Temporary General Collection Event(s)</b>		<input checked="" type="checkbox"/> Check here if you collected electronics at the event(s)
Check here if offered in 2006: <input checked="" type="checkbox"/>	Do you intend to offer this collection event in 2007? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Number of events held in 2006:	4	Hazardous waste contractor or entity that operated event: Clean Harbors
Number of cars participating:	11,579	
Cost of collection program:	\$	Number of days event ran in 2006: 12
<b>Material Subtotals</b>		
Pounds disposed	138,678	<b>Comments on this event:</b> Includes electronics, scrap tires, oil and batteries as well as other HHW materials.
Pounds recycled/reused	2,067,399	
<b>Total Pounds collected</b>	2,206,077	
<b>B2. Electronics-Only Event(s)</b> (collection events limited to consumer electronics products, only)		
Check here if offered in 2006: <input type="checkbox"/>	Do you intend to offer this collection event in 2007? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Number of events held in 2006:		Hazardous waste contractor or entity that operated event:
Number of cars participating:		
Cost of collection program:	\$	Number of days event ran in 2006:
<b>Material Subtotals</b>		
Pounds disposed:		<b>Comments on this event:</b>
Pounds recycled/reused:		
<b>Total Pounds collected:</b>		

**Table XI.1 (Cont.) – HHW Management**

<b>D1. HHW Drop-off programs Limited or special collections for all other specified materials</b>						
Number of events held in 2006:			<b>Materials(s) collected:</b>			
Number of cars participating:						
Cost of collection program:		\$				
<b>Material Subtotals</b>						
Pounds disposed						
Pounds recycled/reused						
<b>Total Pounds collected</b>			Hazardous waste contractor or entity that operated event:			
<b>Note:</b> This section does not include tonnages reported in sections A,B or C.						
<b>D2. HHW Drop-off programs Limited or special collections for all other specified materials</b>						
Number of events held in 2006:			<b>Materials(s) collected:</b>			
Number of cars participating:						
Cost of collection program:		\$				
<b>Material Subtotals</b>						
Pounds disposed						
Pounds recycled/reused						
<b>Total Pounds collected</b>			Hazardous waste contractor or entity that operated event:			
<b>Note:</b> This section does not include tonnages reported in sections A,B or C.						
<b>D3. HHW Drop-off programs: Limited or special collections for all other specified materials</b>						
Number of events held in 2006:			<b>Materials(s) collected:</b>			
Number of cars participating:						
Cost of collection program:		\$				
<b>Material Subtotals</b>						
Pounds disposed						
Pounds recycled/reused						
<b>Total Pounds collected:</b>			Hazardous waste contractor or entity that operated event:			
<b>E. Grand Total for all HHW Collection Programs</b>			<input type="checkbox"/> Please check here if the district collected CRT television sets at any HHW events in 2006.			
E1. Total HHW Disposed		E2. Total HHW Recycled*		E3. Total HHW Collected (E1 + E2)		
138,678 Lbs	69.34 Tons	2,067,399 Lbs	1,033.70 Tons	2,206,077 Lbs	1,103.04 Tons	
* If this amount differs from the recycling amount reported in Table VI.1, please explain in Table VII.2						

## XII. Other/ Miscellaneous Information

### A.

**Feasibility Studies and Subcommittees:** If your current solid waste management plan includes any feasibility studies or subcommittees please complete this section as follows:

- If a study is completed, list the outcome. If a final report was prepared, indicate how a copy of the report can be obtained.
- If a study is in progress, indicate the state of progress and whether the study is on schedule. Describe any milestones achieved to date.
- If a study was delayed or discontinued, enter a brief explanation of the situation.

The District did not conduct any specific feasibility studies in 2006. The District relies on several committees and sub-committees of the Board of Directors and the Policy Committee for guidance on recycling, education/awareness and other solid waste issues. Some of the solid waste issues that were evaluated in 2006 by the committees included opposition to proposed landfill expansions and proposed constructions, curbside recycling, drop-off recycling and other miscellaneous issues.

### **XIII. Status of Plan Implementation Table**

District's shall complete the *Status of Plan Implementation Table*, in accordance with OAC §3745-27-90 (F).

The *Status of Plan Implementation Table* beginning on the next page includes all of The District's programs that were included in its most recent Solid Waste Management Plan. The District reports the status of each program and what activity was carried out under each program during the report year.