

Draft Report

ISSUE PAPER 1 ASSURING ADEQUATE DISPOSAL CAPACITY

Hamilton County Solid Waste Management District

August 2004



Hamilton County Solid Waste Management District

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R. W. BECK

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This report has been prepared for the use of the client for the specific purposes identified in the report. The conclusions, observations and recommendations contained herein attributed to R. W. Beck, Inc. (R. W. Beck) constitute the opinions of R. W. Beck. To the extent that statements, information and opinions provided by the client or others have been used in the preparation of this report, R. W. Beck has relied upon the same to be accurate, and for which no assurances are intended and no representations or warranties are made. R. W. Beck makes no certification and gives no assurances except as explicitly set forth in this report.

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ISSUE PAPER 1

ASSURING ADEQUATE DISPOSAL CAPACITY

INTRODUCTION

A fundamental requirement of Ohio House Bill 592 (HB 592) is for solid waste management districts to demonstrate adequate long-term disposal capacity. For solid waste districts that update their solid waste management plans every five years, such as the Hamilton County Solid Waste Management District (the District), the definition of long-term is 15 years.¹ Thus, the purpose of this white paper is to assess the long-term disposal capacity available to the District and evaluate the strengths and weaknesses of various strategies for assuring adequate disposal capacity.

The strategies examined by the issue paper include:

- Retain Status Quo;
- Retain Status Quo but Modify Regional to Wasteshed and Conduct the Capacity Analysis Every Other Year;
- Facilitate the Development of an In-District Solid Waste Disposal Facility

Disposal Requirements

To project the District's disposal requirements throughout the 15-year planning period (2007 through 2021), R. W. Beck first examined historical data on the annual quantity of District-generated solid waste that required landfill disposal between 1998 and 2003. As shown in Table 1, District-generated solid waste that required landfill disposal ranged from a low of 1,147,058 tons in 2002 to a high of 1,274,089 tons in 2000.

¹ Solid Waste Districts that update their plans every 3 years must demonstrate at least 10 years of disposal capacity

Table 1
Disposal Quantities (1998-2003)²

Year	Population ³	Waste Exported Out-of-State (TPY)	Industrial Disposed In-State (TPY)	Residential/ Commercial Disposed In-State (TPY)	Exempt Disposed In-State (TPY)	Total Disposed (TPY)	Per Capita Disposal Rate (TPY)
1998	851,576	48,843	85,917	912,435	95,148	1,158,195	1.36
1999	850,443	130,779	133,400	903,778	67,949	1,238,153	1.46
2000	845,303	181,761	103,693	929,827	55,707	1,274,089	1.51
2001	839,431	272,339	97,673	818,293	24,829	1,191,113	1.42
2002	831,739	151,544	98,087	877,721	19,706	1,147,058	1.38
2003	828,503	189,308	109,927	875,671	31,849	1,206,750	1.46

As shown in Table 1, the highest per capita disposal rate during the last five years was 1.51 tons. Since HB 592 requires solid waste management districts to demonstrate adequate disposal capacity throughout the planning period, R. W. Beck recommends that the 1.51 tons per capita rate be applied to the projected District population to project future solid waste disposal requirements. Using the highest historical per capita rate offers a conservative approach to disposal capacity assurance. Using this approach and as shown in Table 2, the projected annual disposal requirements range from 1,243,417 tons in 2007 to 1,160,072 tons in 2021.

Table 2
Disposal Requirements (2007 -2021)

Year	Projected Population ⁴	Projected Disposal Rate (Tons per Capita)	Projected Disposal Quantity (Tons per Year)
2007	823,455	1.51	1,243,417
2008	819,802	1.51	1,237,902
2009	816,150	1.51	1,232,386
2010	812,497	1.51	1,226,870
2011	808,548	1.51	1,220,907
2012	804,599	1.51	1,214,944
2013	800,650	1.51	1,208,981

² Source: Ohio EPA Facility Data Reports

³ Source: Hamilton County Regional Planning Department

⁴ Source: Hamilton County Regional Planning Commission

Year	Projected Population ⁴	Projected Disposal Rate (Tons per Capita)	Projected Disposal Quantity (Tons per Year)
2014	796,701	1.51	1,203,018
2015	792,752	1.51	1,197,055
2016	789,452	1.51	1,192,073
2017	786,153	1.51	1,187,090
2018	782,853	1.51	1,182,108
2019	779,553	1.51	1,177,125
2020	776,254	1.51	1,172,143
2021	768,259	1.51	1,160,072

Available Disposal Capacity

Historical Regional Capacity Analysis

Since its inception, the District has been able to demonstrate long-term disposal capacity through the solid waste disposal facilities located within a 200 mile radius of the County. In the 1996 District Plan, a total of 273,051,911 cubic yards or 163,831,147 tons⁵ was identified as being available to the District within this radius. In addition, Rumpke Inc. indicated that even if the Hughes Road facility in Hamilton County closed after it reached permitted capacity in 2004, they could annually accept 626,476 tons of Hamilton County-generated waste through 2011 at their other regional facilities⁶. Also in 1996, the owner of the Bond Road Landfill, Solutia Inc, indicated that they would be able to accept 4,000 tons per day. The current owner of this facility is Rumpke, and this facility has yet to become fully operational. During 1992, the Bond Road Landfill only accepted 52 tons of solid waste.

In 1998, a third solid waste disposal facility located in the District closed. This facility, the ELDA Landfill, was owned and operated by Waste Management. Even though they no longer had an operating solid waste disposal facility in the District, Waste Management indicated that they could annually accept 350,000 tons of Hamilton County solid waste through 2011 by using their other Ohio and Kentucky landfills.

Current Regional Capacity Analysis

In April 2004, R. W. Beck conducted a new disposal capacity survey on behalf of the District. Based on the data received from this survey, 33 permitted and operating municipal waste disposal facilities are located within approximately 200 miles of Hamilton County that are legally permitted to accept Hamilton County waste⁷. The locations of these 33 municipal disposal facilities are as follows:

⁵ Based on 1,200 lbs. per cubic yard.

⁶ In 1999 Rumpke indicated could accept District waste until 2014, but did not indicate a quantity.

⁷ Some municipal waste landfills within this 200 mile radius are limited to either in-county or in-state waste receipts.

- Ohio - 16
- Indiana - 9
- Kentucky - 8

In aggregate, these 33 municipal waste facilities indicated their remaining, permitted capacity to be 376,743,078 cubic yards. Measurable changes have occurred in landfill operating equipment that has significantly increased solid waste compaction since the 1996 capacity analysis conducted by the District. Facility specific information is provided in Attachment A. Consequently, R. W. Beck requested each of the 33 municipal waste disposal facilities to estimate the pounds per cubic yard conversion ratio they use for their in-place waste, rather than use the 1,200 pounds per cubic yard ratio that was used in the 1996 study. The data from these 33 municipal waste disposal facilities indicates that the conversion ratios for in-place solid waste range from 900 to 1,800 pounds per cubic yard. R. W. Beck used the conversion ratio that each facility supplied to convert its reported cubic yards to tons of permitted disposal capacity. Using this approach, 276,141,385 tons of permitted disposal capacity is available within a 200 mile radius of the District.

Wasteshed Capacity Analysis

Based upon the information and analysis above, if the District disposed of a maximum of 1,243,417 tons per year of solid waste and all of the 276,141,385 tons of disposal capacity was available exclusively to the District, it could be demonstrated that the District has access to more than 222 years of capacity. However, the reality is that other communities are also depending upon this capacity and some of these facilities may not be used by the waste haulers that service District.

R. W. Beck further refined the capacity analysis to include solid waste disposal facilities that are within 200 miles of and currently used by the District. R. W. Beck obtained and evaluated their most recent annual waste receipts⁸. The quantity of waste each received and their remaining, permitted disposal capacity are shown in Table 3, and geographically depicted in Figure 1.

⁸ For Ohio waste disposal facilities the 2003 data has not yet been released from the state regulatory agencies. Thus, 2002 waste receipts were used. For the Kentucky and Indiana facilities, the 2003 waste receipts were used.

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**Table 3
Disposal Capacity Facilities**

Name of Facility	Facility Owner	Facility Address	Remaining Permitted Capacity (Tons)	Annual Waste Receipts (Tons)
Rumpke Sanitary Landfill, Inc.	Rumpke Waste, Inc.	10795 Hughes Rd. Cincinnati, OH 45251	6,676,762	1,959,623
Bond Road Landfill	Rumpke Waste, Inc.	11425 Bond Road, West Harrison, OH 45030	3,901,351	52
Pine Grove Regional Facility	Republic Services, Inc.	5131 Drinkle Road, Amanda, OH 43102	15,400,000	300,149
Stony Hollow Landfill	Waste Management, Inc.	2460 S. Gettysburg OH, Dayton, OH 45418	4,098,355	841,461
Suburban Landfill, Inc.	Waste Management, Inc.	3415 Twp. Rd. 447 Glenford, OH 43739	12,750,000	646,098
Brown County Landfill	Rumpke Waste, Inc.	9437 Beyers Road, Georgetown, OH 45121	1,134,750	179,865
Cherokee Run Landfill, Inc.	Allied Waste Industries Inc.	2946 U.S. Rt. 68N Bellefontaine, OH 43511	10,301,250	348,504
Medora Sanitary Landfill	Rumpke Waste, Inc.	CR 870 West, South of US 50 Medora, IN 47260	360,000	111,775
Pendleton County Landfill	Rumpke of Kentucky	1374 Bryan Griffin Rd., Butler, KY 41006	2,797,322	246,726
Epperson Waste Disposal	Republic Services of KY, LLC	2360 Cynthiana Rd., Williamstown, KY 41097	3,900,000	459,047
Bavarian Trucking Company	Bavarian Trucking Company	12764 McCoy Fork Road, Walton KY	9,000,000	250,000
TOTAL			70,319,790	5,343,300

Figure 1
Waste Shed Solid Waste Disposal



Using the information provided above, 70,319,790 tons of permitted disposal capacity is available to manage an annual 5,343,300 tons of waste. Thus, the current wasteshed is projected to have 13 to 14 years of remaining disposal capacity assuming the above annual landfill fill rates. This is slightly less than the 15 years that the District is required to demonstrate to comply with HB 592. Thus, R. W. Beck also requested these solid waste facilities in the wasteshed to provide information on pending disposal capacity that would be available to Hamilton County. Information on pending capacity and the timeframe for the development of this capacity is provided in Table 4.

Table 4
Pending Disposal Capacity in the Wasteshed

Name of Facility	Planned Future Capacity (Tons)	Timeframe for Future Capacity
Rumpke Sanitary Landfill, Inc.	30,160,000	Currently waiting for final permit from Ohio EPA. A decision should be announced by October 2004.
Bond Road Landfill	0	
Pine Grove Regional Facility	0	
Stony Hollow Landfill	75,000	Plan to start development in 2004 or 2005
Suburban Landfill, Inc.	0	
Brown County Landfill	24,952,800	Currently in the permitting process
Cherokee Run Landfill, Inc.	18,750,000	Currently in the permitting process and plan to have the new cell operational by 2006.
Medora Sanitary Landfill ⁹	0	
Pendleton County Landfill	25,600,000	Plan to begin the development process in 2012 and have the new cell operational by 2013.
Epperson Waste Disposal	0	
Bavarian Trucking Company	16,250,000	The new capacity is currently under construction.
TOTAL	115,787,800	

If all of this pending capacity becomes available, the total disposal capacity in the wasteshed increases to 186,107,590 tons and over 34 years of capacity is available if the annual disposal requirements remain at 5,343,300 tons.

Conclusions

On a wasteshed basis, the District will be able to conservatively demonstrate between 13 and 14 years of disposal capacity. However, as shown in Table 4, several of the disposal facilities in the wasteshed report pending disposal capacity that could become available within the 15-year planning period. In addition, both CSI and Waste Management are in the process of either developing or expanding solid waste transfer stations, which should enable the haulers who serve Hamilton County to transport waste further distances and increase the radius of the wasteshed to include more solid waste disposal facilities with permitted capacity.

⁹ The Medora Solid Waste Disposal Facility does have plans for expansions. However, this additional capacity will only be available to generators within a 75-mile radius of the facility.

Contingency Strategies for Assuring Long-Term Disposal Capacity

It appears the District will be able to demonstrate adequate disposal capacity throughout the 15-year planning period. However, OhioEPA does require the Solid Waste Management District to include contingencies for capacity assurance. Therefore, R. W. Beck has included the following contingency options:

Contingency Strategy 1 - Status Quo

The contingency in the 1996 District Plan reads as follows:

“Due to the amount of permitted disposal capacity within a 200 mile radius to Hamilton County-generated waste, the District’s contingency for disposal capacity will be to annually conduct a regional disposal capacity analysis. If access to this capacity requires the development of a transfer station, the District will work with the developers in the siting of and community education on this facility.”

Contingency Strategy 2 – Retain Status Quo but Modify Regional to Wasteshed and Conduct the Capacity Analysis Every Other Year

Since the recent capacity analysis was conducted on a wasteshed basis, an additional contingency option could be to modify the 1996 contingency to read as follows:

“Due to the amount of permitted disposal capacity within the *regional wasteshed*, the District’s contingency for disposal capacity will be to conduct a *wasteshed* disposal capacity analysis every other year. If the *wasteshed* analysis indicates that adequate permitted disposal capacity is not available, the District will work with haulers that serve the District to determine if they plan to use solid waste disposal facilities outside of the waste shed and obtain capacity information from the facilities they identify.

If access to this capacity requires the development of a transfer station, the District will work with the developers in the siting of and community education on this facility.

Every other year, the District will obtain annual facility data reports from OhioEPA to identify facilities that receive District waste to address the overall wasteshed and new disposal facilities.”

Contingency Strategy 3 – Facilitate the Development of an In-District Solid Waste Disposal Facility

If it is determined that adequate disposal capacity is not available within the wasteshed, the District will facilitate the development of an in-District solid waste disposal facility. This facility could be:

- Publicly-owned and operated
- Publicly-owned and privately-operated
- Privately-owned and privately-operated

It should be noted that the development of an in-District solid waste disposal facility would need to be initiated at least three to five year before the capacity is required.

Contingency Options – Strengths and Weaknesses

Option	Strengths	Weaknesses
<p>Option 1 Status Quo</p>	<ul style="list-style-type: none"> ■ Accounts for capacity at solid waste disposal facilities beyond the facilities currently being used by the district. ■ Monitoring capacity on an annual basis allows for the District to include new facilities, as well as expansions and closures, in the capacity analysis on a timely basis. 	<ul style="list-style-type: none"> ■ It may not be cost effective to transport the waste to all of the facilities within a 200 mile radius. ■ Obtaining the data from all of the facilities in a 200 mile radius may prove challenging and time consuming. ■ The District may need to support a transfer station, which may be opposed by the host community.
<p>Option 2 Conduct Capacity Analysis on a Wasteshed Basis</p>	<ul style="list-style-type: none"> ■ Capacity will be assessed only at facilities that have reported accepting waste from Hamilton County. ■ It may be more realistic for the District to conduct a detailed analysis from a smaller number of facilities. ■ If facilities outside of the wasteshed begin accepting District waste, this will be discovered through the review of the OhioEPA annual facility data reports. 	<ul style="list-style-type: none"> ■ The District may need to support a transfer station, which may be opposed by the host community.

Option	Strengths	Weaknesses
<p>Option 3 Facilitate the Development of an in-District solid waste disposal facility</p>	<ul style="list-style-type: none"> ■ The most guaranteed approach for assuring disposal capacity for District waste. 	<ul style="list-style-type: none"> ■ Would require the siting of a new landfill which may generate public opposition and need to be initiated at least three to five years prior to the projected need. ■ If the facility is District-owned, would most likely require the plan to be revised to account for the District financial requirements.

Key Questions

The following are the key questions that District Staff and R. W. Beck are requesting from the District Policy Committee to assist in the development of a plan to assure adequate disposal capacity throughout the 15-year planning period:

1. Is R. W. Beck’s assessment of existing and pending disposal capacity consistent with the District’s understanding of the wasteshed?
2. Do the proposed contingency strategies require any modifications?
3. Are there any other strengths and weaknesses associated with the proposed contingency strategies that can be identified?
4. Are there any other disposal capacity contingency strategies that should be considered?
5. Which is the preferred contingency strategy to include in the solid waste management plan?

ATTACHMENT A

Name of Facility	Owner of Facility	Address/Phone No of Owner	Address of Facility	Operator of Facility
OHIO				
Crawford County Sanitary Landfill	Crawford County Bucyrus, Ohio 44820	112 East Manfield St. 419-562-5876	5128 Lincoln Highway East	Santech Environmental
Defiance County Landfill	Defiance County	500 Court St. Defiance, OH 419-782-5442	13207 Canal Rd. Defiance, OH 43512	Defiance County
Franklin County Sanitary Landfill	Solid Waste Authority of Central Ohio	6220 Young Rd. Grove City, OH 43123 614-871-5100	3851 London-Groveport Rd., Grove City, OH 43123	Waste Management of Ohio (Contract)
Gallia County Landfill, Inc	Gallia County Commissioners	18 Locust St., Gallipolis, OH 45631	497 Bidwell, OH 45614	Waste Management, Inc.
Beech Hollow Landfill	Rumpke Waste, Inc.	10795 Hughes Rd., Cincinnati, OH 45251 513-851-0122	24 A. W. Long Road, Wellston, OH 45692	Rumpke Waste, Inc.
Celina Sanitary Landfill	Allied Waste Industries Inc.	15880 N. Greenway-Hayden Loop Suite 100, Scottsdale, AZ 85260 480-627-2700	6141 Depweg Rd., Celina, OH 45822	Allied Waste of Ohio
Brown County Landfill	Rumpke Waste, Inc.	10795 Hughes Road, Cincinnati, OH 45251	9437 Beyers Road, Georgetown, OH 45121	Rumpke Waste, Inc.
Pine Grove Regional Facility	Republic Services, Inc.	5131 Drinkle Road, Amanda, OH 43102	5131 Drinkle Road, Amanda, OH 43102	Republic Services
Stony Hollow Landfill	Waste Management, Inc.	2460 S. Gettysburg, Dayton, OH 45418 937-268-1133	2460 S. Gettysburg OH, Dayton, OH 45418	Bob Downing
Rumpke Sanitary Landfill, Inc.	Rumpke Waste, Inc.	10795 Hughes Road, Cincinnati, OH 45251	10795 Hughes Rd. Cincinnati, OH 45251	Rumpke Waste, Inc.
Bond Road Landfill	Rumpke Waste, Inc.	10795 Hughes Road, Cincinnati, OH 45251	11425 Bond Road, West Harrison, OH 45030	Rumpke Waste, Inc
Coshocton Landfill	Waste Management, Inc.	19469 C. R. 7 Coshocton, OH 43812 740-622-5590	19469 C. R. 7 Coshocton, OH 43812	Waste Management, Inc.
Preble County Sanitary Landfill	Preble County Board of Commissioners	101 E. Main St. Eaton, OH 45320	4239 U. S. Rt. 127 S., Eaton, OH 45320	Preble County
Cherokee Run Landfill, Inc.	Allied Waste Industries Inc.	2946 U.S. Rt. 68N. Bellefontaine, OH 43311	2946 U.S. Rt. 68N Bellefontaine, OH 43511	Lynda A. Shipp/Randy Traub (GM)
Pike Sanitation Landfill	Pike Sanitation, Inc.	123 So. Lock St., Waverly, OH 45690 740-947-4200	1177 State Rt. 220, Waverly, OH 45690	Pike Sanitation, Inc.
Suburban Landfill, Inc.	Waste Management, Inc.	3415 Twp. Rd. 447 Glenford, OH 43739	3415 Twp. Rd. 447 Glenford, OH 43739	

Name of Facility	Owner of Facility	Address/Phone No of Owner	Address of Facility	Operator of Facility
INDIANA				
Bartholomew County Landfill	Bartholomew Co. SWMD	720 S. Mapleton St., Columbus, OH 47201	811 E. CR 450 S., Columbus, OH 47201	District & Rumpke (working force)
Clark-Floyd Landfill	Clark-Floyd Landfill LLC	P. O. Box 2128, Clarksville, IN 47130 812-945-5976	14303 SR 60 Borden, IN 47106	Robert Lee
Worthington Landfill	Republic Services, Inc.	110 SE 6th Street, Ft. Lauderdale FL 33301 954-769-6000	832 Langsdale Avenue, Indianapolis, IN 46202	Steve Kaylor
Sycamore Ridge Landfill	Republic Services, Inc.	110 SE 6th Street Ft. Lauderdale, FL 33301 954-769-6000	5621 E. Cottom Drive, Pimento, IN 47866	Steve Kaylor
Wabash Valley Landfill	Republic Services, Inc.	110 SE 6th Street, Ft. Lauderdale FL 33301 954-769-6000	316 Spring Valley Road, Wabash, IN 46992	
New Paris Pike Landfill	Richmond Sanitary District - City of Richmond	2800 Lilbertyl Avenue 765-983-7457	5242 New Paris Pike, Richmond, IN 47374	Richmond Sanitary District
Twin Bridges RDF	Waste Management of Indiana LLC	124 Twin Bridges Rd. P. O. Box 9 Danville, IN 46122	124 Twin Bridges Rd, P. O. Box 9, Danville, IN 46122	Waste Management of Indiana LLC
Randolph Farms, Inc.	600 Land, Inc.	5300 Miller Road Kalamazoo, Michigan 49048 269-226-9200	7256 West C.R. 600 South, Modoc, IN 47358 8007455714	Randolph Frms, Inc.
Southside Landfill Inc.	Southside Landfill Inc	5300 Miller Road Kalamazoo, Michigan 49048 269-226-9200	2561 Kentucky Ave., Indianapolis, IN 46221	Southside Landfill, Inc.
KENTUCKY				
Hardin County Contained Landfill	Hardin County Fiscal Court	Box 568, Elizabethtown, KY 42701 270-765-2350	1620 Audubon Trace	Rumpke of Kentucky, Inc.
Maysville Mason County Landfill	Mason County Fiscal Court	606-759-7049	7055 Clarkson - Sherman, Maysvil	Mason County Fiscal Court
Epperson Waste Disposal	Republic Services of KY, LLC	2360 Cynthiana Rd, Williamstown, KY 41097 859-8243773	2360 Cynthiana Rd., Williamstown	Republic Services of KY, LC dba I
Tri K Disposal	Republic Services of KY, LLC	1905 KY Hwy 3249 P. O. Box 435 Stanford, KY 40484	1905 KY Hwy 3249 P.O. Box 435,	Dale Kirkpatrick
Blue Ridge RDF	Allied Waste		2700 Winchester Rd, Irvine, KY 40	BFI Waste Services, LLC
Pendleton County Landfill	Rumpke of Kentucky	10795 Hughes Rd., Cincinnati, OH 45251 513-851-0122	1374 Bryan Griffin Rd., Butler, KY	Rumpke of Kentucky, Inc.
Montgomery County Landfill	Rumpke of Kentucky	10795 Hughes Rd., Cincinnati, OH 45251 513-851-0122	30 Larison Rd., Jeffersonville, KY	Rumpke of Kentucky, Inc.
Bavarian Trucking Company	Bavarian Trucking Company	12764 McCoy Fork Road, Walton KY	12764 McCoy Fork Road, Walton	Bavarian Trucking Company

Name of Facility	Days/Hrs of Operation	Contact Person	Title	Phone	Person Supplying Information
OHIO					
Crawford County Sanitary Landfill	MF 7:30 - 4:00 S 8:00 - 12:00	Jack Stacey	General Manager	419-562-4039	Jack Stacey
Defiance County Landfill	M-F 7:30-4:30 Sat 8-12	Tim Houck	Landfill Manager	419-782-5442	Tim Houck
Franklin County Sanitary Landfill	M-F 5am-5pm Sat. 6-12noon	John Hautings	Site Manager	614-554-0644 cell	Albert J. Iosue
Gallia County Landfill, Inc	M-F 7:30am-3:00pm	Frank Fello	District Manager	740-787-2327	Frank Fello
Beech Hollow Landfill	M-F 8am-5pm Sat 8am-12noon	Bruce Downard	Landfill Manager	740-384-7074	John L. Hatterley
Celina Sanitary Landfill	M-F 7:30-4:00 First Sat. Month 8-12	Adam Burleson	Site Manager	419-925-4592	Adam Burleson
Brown County Landfill	M-F 8:00-5:00 Sat. 8:00-noon	Don Schroat	Landfill Manager	513-851-0122 ext. 7612	John L. Hattersley
Pine Grove Regional Facility	M-F 6:00-4:00 Sat. 7:00-12:00	Tony Furgieue	General Manager	740-969-4487	Tony Furgieue
Stony Hollow Landfill	M-F 7:00-5:00 Sat. 7-12:00	Frank Dockery	Operations Manager	937-603-9884	Greg Seleck
Rumpke Sanitary Landfill, Inc.	7 days per week	Larry Riddle	District Manager	513-851-0122 ext. 3526	Larry Ripple
Bond Road Landfill	Not receiving waste at this time	Larry Riddle	District Manager	513-851-0122 ext 3526	Larry Ripple
Coshocton Landfill	M-F 7-3:00 pm	Jill Burris	Office Administration	740-622-5590	Jill Burris
Preble County Sanitary Landfill	M-F 8:30am-4:00pm Sat. 8:30am-12:00pm	Tom Barnes	Manager	937-456-2621	Tom Barnes
Cherokee Run Landfill, Inc.	M-F 6am-5pm Sat. 7am	Lynda A. Shipp	Landfill Manager	937-593-3566	Lynda Shipp
Pike Sanitation Landfill	M-F 7am-5pm Sat. 7-12:00pm	Steve Thrasher	Engineer	740-947-5756	Steve Thrasher
Suburban Landfill, Inc.	M-F 7am-4pm	Frank Fello	Sr. District Manager	740-787-2327	Frank Fello

Name of Facility	Days/Hrs of Operation	Contact Person	Title	Phone	Person Supplying Information
INDIANA					
Bartholomew County Landfill	M-F 7:30-4:30 Sat. 7:30-4:00	Jim Murray	Director	812-376-2614	Jim Murray
Clark-Floyd Landfill	M-F 6:00am - 5:00pm Sat. 6-12:00	Robert Lee	President	502-935-1130	Robert Lee
Worthington Landfill		Steve Kaylor	General Manager	812-298-2131	John Drier
Sycamore Ridge Landfill	M-F Midnight-6:30pm Sat 6am-Noon	Steve Kaylor	General Manager	812-298-2131	John Drier
Wabash Valley Landfill		Dave Welling	Division Manager	260-563-2539	John Drier
New Paris Pike Landfill	M-F 7:30-3:30pm	Joe Bartle	Landfill Manager	705-983-7457	Joe Bartle
Twin Bridges RDF	M-F 5am-5pm Sat 6am-12pm	Brad Eisenhart	District Manager	317-745-2878	Brad Eisenhart
Randolph Farms, Inc.	M-F 7am-5pm Sat 7am-12pm	Gary Fine		800-745-5714	Gary Fine
Southside Landfill Inc.	M-F 24 hrs. Sat. mid-5pm Closed Sunday	Scott Fitzgerald	Administrtor	317-247-6808	Scott Fitzgerald
KENTUCKY					
Hardin County Contained Landfill	M-F 5:30am - 5:30pm Sat. 8:00am-12:00pm	Robert L. Hall	SWC, Hardin County	270-360-9207	R. L. Hall
Maysville Mason County Landfill	M-F 8:00 -4:00 Sat. 8-12:00	Robert F. DeVoe	Eng./Mgr.	606-759-7049	Robert DeVoe
Epperson Waste Disposal	M-F 6am-4pm Sat 8:30am-1:00pm	Jeam Hext	General Manager	859-824-3773	Jim Hext
Tri K Disposal	M-F 7am-5pm Sat 7am-12pm	Dale Kirkpatrick	General Manaer	606-365-7806	Dale Kirkpatrick
Blue Ridge RDF	M-F 6:30am-4:00pm Sat 8:00am-12:00pm	Wade Stevens	Site Manager	606-723-5552	Wade Stevens
Pendleton County Landfill	M-F 5:00am-6pm Sat 7am-Noon	Murray Caudill	Landfill Manager	859-472-7339	Bill Fairchild
Montgomery County Landfill	M-F 6am-6pm Sat 6am-Noon	Stanley Bob Anderson	Landfill Manager	859-498-6798	Bill Fairchild
Bavarian Trucking Company	M-F 4:30am - 5 pm; Sat 7 am -3pm	Rick Brueggeman	Sales Manager	859-485-4416	Rick Brueggeman

Name of Facility	Email Address	Title	Phone	Permit Number	Number of Permitted Acres
OHIO					
Crawford County Sanitary Landfill		Gen. Mgr.	419-562-4039	03-5721	48.5
Defiance County Landfill	Thouck@Defiance-County.com	Landfill Manager		03-8986	66
Franklin County Sanitary Landfill	jhautings@wm.com	Chief Engineer SWACO	617-801-6408	16132	120
Gallia County Landfill, Inc					30
Beech Hollow Landfill		Senior Engineer	513-851-0122 ext. 3162	65133	182
Celina Sanitary Landfill	Adam_Burleson@AWIN.com	Site Manager		Core ID# 140649 Solid Waste ID# 54-00-01	58
Brown County Landfill		Service Engineer	513-851-0122 ext. 3167	PTI 05-4179	72.5
Pine Grove Regional Facility		G. M.	740-969-4487	23-00-10	112
Stony Hollow Landfill	Fdockery@wm.com	Enviromental technician	937-603-8086	05-5457	60.4
Rumpke Sanitary Landfill, Inc.	Larry_Ripple@Rumpke.com			OEPA PIE 0511868	234
Bond Road Landfill	Larry_Ripple@Rumpke.com			OEPA PIE 05-7097	65
Coshocton Landfill	Jburris@wm.com			06-2076	376
Preble County Sanitary Landfill	tbarnes@preble.org	Manager	937-456-2621	68-00-01	54
Cherokee Run Landfill, Inc.		Landfill Manager	937-593-3566	05-7364	120
Pike Sanitation Landfill	landfill@zoomnet.net	Engineer	740-947-5756	06-07219 (most recent modification)	137
Suburban Landfill, Inc.	ffello@wm.com	Frank Fello	740-787-2327		99

Name of Facility	Email Address	Title	Phone	Permit Number	Number of Permitted Acres
INDIANA					
Bartholomew County Landfill	jmurray@bartholomewco.com	Director		OPP 3-8	250
Clark-Floyd Landfill	rlee@elotechky.com	President		IND 10-01	300
Worthington Landfill	keylors@repsrv.com	Area President	317-921-1667	28-02	425
Sycamore Ridge Landfill	keylors@repsrv.com	Area President	317-921-1667	84-06	165
Wabash Valley Landfill	wellingd@repsrv.com	Area President	317-921-1667	85-1	103.3
New Paris Pike Landfill	Jbartle@Ci.Richmond.in.us	Landfill Manager	765-983-7457	FP 39-2	139.6
Twin Bridges RDF	beisenhart@wm.com			FP 32-02	237
Randolph Farms, Inc.				68-01	113.7
Southside Landfill Inc.	sfitzgerald@aol.com	Administrator	317-247-6808	49-1	235
KENTUCKY					
Hardin County Contained Landfill	bobh.hcgo@hcky.org	SWC	270-360-9207	047-00040	437
Maysville Mason County Landfill		P.E.	606-759-7049	081-00006	560
Epperson Waste Disposal	hextj@repsrvcentral.com	General Manager	859-824-3773	041-00004	403
Tri K Disposal	kirkpatrickD@repsrvcentral.com	General Manager	606-365-7806	069-00004	317.449
Blue Ridge RDF				033-00084	149
Pendleton County Landfill	murray.caudill@rumpke.com	KY Site Engineer	859-230-9453 or 513-851-0122 x 3147	096-00001	227
Montgomery County Landfill	stanley.anderson@rumpke.com	KY Site Engineer	859-230-9453 or 513-851-0122 x 3147	087-00003	78
Bavarian Trucking Company	rickb@bavarianwaste.com	Sales Manager	859-485-4416	08-00004	551

Name of Facility	Disposal Area Acres	Remaining Permitted Capacity (Cubic Yards)	Remaining Permitted Capacity (Tons)	Permit Expiration Date	Authorized Daily Waste Receipt Limit Tons per day
OHIO					
Crawford County Sanitary Landfill	Unkown	4,229,180	2,537,508	Unknown	500
Defiance County Landfill		620,802	372,481	5/1/2010	500
Franklin County Sanitary Landfill	120	1,266,667	950,000		6,000
Gallia County Landfill, Inc	3.5	1,621,599	972,959	N/A	475
Beech Hollow Landfill	41	31,306,000	23,479,500	N/A	2,500
Celina Sanitary Landfill	58	292,033	204,423	12/4/2004	499
Brown County Landfill	71	1,513,000	1,134,750	N/A	2,500
Pine Grove Regional Facility		22,000,000	15,400,000	N/A	5,000
Stony Hollow Landfill	60	5,464,473	4,098,355		4,500
Rumpke Sanitary Landfill, Inc.	221	8,345,952	6,676,762	12-31-04 HCGHD	8,600
Bond Road Landfill	21	5,201,801	3,901,351	12-31-04 HCGHD	4,000
Coshocton Landfill	67	11,261,705	6,757,023	N/A (10-year BAT PTI review underway)	1,500
Preble County Sanitary Landfill		1,972,540	1,183,524	5/6/2006	195
Cherokee Run Landfill, Inc.	120	13,735,000	10,301,250	N/A	3,000
Pike Sanitation Landfill	137 acres eventually	16,000,000	15,000,000	None	2,000
Suburban Landfill, Inc.	99	17,000,000	12,750,000	N/A	5,000

Name of Facility	Disposal Area Acres	Remaining Permitted Capacity (Cubic Yards)	Remaining Permitted Capacity (Tons)	Permit Expiration Date	Authorized Daily Waste Receipt Limit Tons per day
INDIANA					
Bartholomew County Landfill	85	9,638,000	5,300,900	6/1/2008	None
Clark-Floyd Landfill	90	7,800,000	13,000,000	1/2010	None
Worthington Landfill	97.4	3,700,000	2,220,000	2008	Unlimited
Sycamore Ridge Landfill	165	31,083,500	22,862,500	6/1/2007	Unlimited
Wabash Valley Landfill	137	22,117,613	14,415,448	5/13/2008	N/A
New Paris Pike Landfill	6	16,000,000	10,400,000	12/20/07	N/A
Twin Bridges RDF	237	44,600,000	28,990,000	9/2004 renewal being submitted	Unlimited
Randolph Farms, Inc.	113.7	N/A		4/2009	NA
Southside Landfill Inc.	235	16,000,000	14,400,000	7/2008	N/A
KENTUCKY					
Hardin County Contained Landfill	61	6,931,000	4,158,600	Nov-05	1,000
Maysville Mason County Landfill	64 (41 contained 23 C/DD)	8,432,334	6,956,676	6/30/2007	N/A (limited by equip. cap. - inc. by acquisition)
Epperson Waste Disposal	100	6,000,000	3,900,000	6/30/2012	N/A
Tri K Disposal	18936	31,257,237	25,005,790	6/30/2007	3,000
Blue Ridge RDF	59.2	7,400,000	4,440,000	7/1/2007	900
Pendleton County Landfill	54	4,662,203	2,797,322	7/1/2008	1200
Montgomery County Landfill	68	4,290,439	2,574,263	4/9/2006	700
Bavarian Trucking Company	117	15,000,000	9,000,000	6/11/2007	open

Name of Facility	Expected Total Capacity (tons or cu yds)	Expected Lifetime (yrs)	Expected Start of Expansion Development	Start of Operations Date for New Cell	Does Facility meet Fed/State/Local Reg. & Guidelines
OHIO					
Crawford County Sanitary Landfill	All available land is permitted	25	2007	2007	Yes
Defiance County Landfill	30 million cys - "gate yards"	100	In progress	2009	Yes
Franklin County Sanitary Landfill	39,000,000 cy	31	April 2004 (now)	Oct-04	Yes
Gallia County Landfill, Inc	N/A				Yes
Beech Hollow Landfill					Yes
Celina Sanitary Landfill	6,000,000		Currently working on zoning for a 40 acre expansion of 6 million yards		Yes
Brown County Landfill	31,191,000 cubic yards	100-150	In progress	Early 2009	Yes
Pine Grove Regional Facility		40			Yes
Stony Hollow Landfill	1,000,000	4 additional years total 10 years	2004/2005	Unknown	Yes
Rumpke Sanitary Landfill, Inc.	37,700,000	15	Receipt of permit estimated 9/04	2006	Yes
Bond Road Landfill	N/A				Yes
Coshocton Landfill	N/A (same as existing)	25.6 (@ 1500 tons/day); 125 years @ 2003 rate	N/A	10/30/2004	Yes
Preble County Sanitary Landfill					Yes
Cherokee Run Landfill, Inc.	25 million cubic yard	25 years	Going on now.	2006	Yes
Pike Sanitation Landfill	No change in above	25-30 years	Underway	Oct. 1, 2004	Yes
Suburban Landfill, Inc.	N/A				Yes

Name of Facility	Expected Total Capacity (tons or cu yds)	Expected Lifetime (yrs)	Expected Start of Expansion Development	Start of Operations Date for New Cell	Does Facility meet Fed/State/Local Reg. & Guidelines
INDIANA					
Bartholomew County Landfill	9,600,000 cubic yds	40	Bulb cells as needed every 2-3 yrs		Yes
Clark-Floyd Landfill	33,000,000 tons	25	3rd qt 2005	2nd qt 2006	Yes
Worthington Landfill	3.7 million cu yd remaining on this permit	51 years	None at this time		Yes
Sycamore Ridge Landfill	24,800,000 tons	24 years at current rate	2019	Cells C&D 11/03 Cell E 11/04	Yes
Wabash Valley Landfill	22,117,613 cubic yds	28		Cell #8 8/2004	Yes
New Paris Pike Landfill	16,000,000	50 years	Now	Jan-04	Yes
Twin Bridges RDF	3,000,000 additional	3 additional years	2029	2029	Yes
Randolph Farms, Inc.	N/A		Zoning progress		
Southside Landfill Inc.	Unknown at this time	100 + years	2010	Unknown	Yes
KENTUCKY					
Hardin County Contained Landfill	30,000,000 cubic yards	40-50	In progress	2016	Yes
Maysville Mason County Landfill	None req'd at this time	We have over 55 years permitted			Yes
Epperson Waste Disposal	N/A	N/A	N/A	N/A	Yes
Tri K Disposal	26,643,507 tons	62.02	N/A	Sep-04	Yes
Blue Ridge RDF					Yes
Pendleton County Landfill	Approx. 32,000,000 cu yds	50+	Approx. 2012	Approx. 2013	Yes
Montgomery County Landfill	7,000,000 cubic yards	12	Approx 2008	Approx 2009	Yes
Bavarian Trucking Company	1000-1500 tpp	50+	under construction	First cell approval	