Core ID:_____

Ohio Environmental Protection Agency

Division of Materials and Waste Management

Facility Annual Report for Landfill Facilities: Municipal, Industrial, and Residual

Facility Annual Operational Report for 2011

Directions: This report must be submitted to Ohio EPA by April 1, 2012. Please send **2** copies to the appropriate Ohio EPA District Office and one copy to the appropriate local health department. If you have any problems with or questions about this form, please contact your Ohio EPA District Office**.** Unless otherwise noted, all responses should represent the 2011 calendar year.	(Date Received)

1. FACILITY INFORMATION

Solid Waste Facility Name:		Is this facility government owned?	☐ YES ☐ NO
Facility Type: ☐ Municipal ☐ Industrial ☐ Residual			
Core ID (**See Licensed Facility Lists in Appendix**):		Ohio EPA District*:	
Ohio Solid Waste Management District:			
Address of the Physical Location of the Facility:			
County:	City/Township:	Zip: -	

* CDO = Central District; NEDO = Northeast District; NWDO = Northwest District; SEDO = Southeast District; SWDO = Southwest District

2. PERSON COMPLETING THIS REPORT

Name:		Job Title:
Address:		
City:	State:	Zip: -
Phone: ( ) -	Fax Phone: ( ) -	
E-Mail Address:		
Business Relationship to the licensee*:		
Signature:		Date:

***NOTE:** Examples of business relationships to the licensee would be: employee, co-owner, consultant, legal counsel, etc.

☐ **Entered** ____ / ____ / ____ **Initials:**_____	**PLEASE DO NOT WRITE BELOW THIS LINE**	**Program:** _____ **County:** _____ **Fac/Entity:** _____ **Subcategory:** _____

3. SOLID WASTE FACILITY OPERATIONAL STATUS

Please indicate the status of operation during calendar year 2011. Check all that apply.

☐	Check here if facility accepted waste in 2011	☐	Check here if facility permanently ceased receiving waste and Ohio EPA notified in accordance with OAC 3745-27-11, 3745-29-11, or 3745-30-09.
Dates operated : From: To:			
☐	Check here if facility was inactive in 2011*		Date facility ceased taking waste:
Dates facility was inactive From To			(mm/dd/yyyy):

*For purposes of this form, "inactive" means that a facility with remaining approved capacity and/or a current license that has temporarily ceased receiving waste but has not begun closure activities.

4. FACILITY ACCESS

A. Are there any service area restrictions on who may use the facility? ☐ YES ☐ NO

If you answered "YES" above, then in the space below, please specify the service area restrictions:

B. Did this facility receive any waste in 2011 that was transported by rail? ☐ YES ☐ NO

If you answered "Yes" to question B, was the waste (select all that apply):

- ☐ Off-loaded from rail cars on-site (within the facility's boundaries)
- ☐ Off-loaded from rail cars off-site and then trucked into the facility
- ☐ Other method of receiving waste via rail (describe):

5. MEASURING WASTE RECEIPTS

Indicate the method of measuring incoming waste at the gate. Check all that apply.

☐	*Visually (by volume in cubic yards). **Please provide the conversion factor(s):**
☐	Scales (by weight in tons)
☐	By capacity of hauling vehicle

*** Conversion Factor:** All waste receipts must be reported on this report in tons. If your facility measures waste receipts by volume (e.g. cubic yards) and then converts this information into tons for purposes of this report, then provide the conversion factor(s) in the space(s) provided.

WASTE FLOW DATA TABLES (Sections 6 and 7) -- INSTRUCTIONS

Please read the instructions for sections 6 and 7 very carefully before you begin filling out the waste flow tables. Direct-hauled waste must be entered separately from transferred waste: Section 6 deals solely with waste hauled directly to the facility and Section 7 deals exclusively with waste that originated from a solid waste transfer station and/or that was shipped via rail.

General Instructions:
Convert all waste to TONS and report only in tons in Sections 6 and 7. If a conversion factor is used to determine tonnage, please provide the conversion factor(s) where indicated in Section 5.

The tables in this form may be reproduced as necessary. Instructions for editing this form in MS Word are provided in Appendix AA. (Please note: The Adobe PDF version of the form is not editable)

Note on using the "Sum" function in Tables: Remember that the Word document must be "protected" in order to enable the sum function in the tables to work. Please see Appendix AA for more information on protecting the form.

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6. DIRECT-HAUL WASTE

IMPORTANT: PLEASE DO NOT REPORT RAIL-TRANSPORTED WASTE IN SECTION 6. Rail transported waste is considered transferred waste.

Completing Section 6 – Direct-Haul Waste

Direct –Haul Waste – refers to waste that was hauled directly from a collection point to the facility for disposal and that was not consolidated or transferred to another vehicle before this facility received it.

Instructions for completing the tables in Section 6 are shown below:

Please use **1 row in each table for each county of origin** to report waste that was directly hauled to your facility in this section. Delineate waste by category as indicated in the tables. If the waste originated from outside the United States then report the origin by country. See Appendix AA for origin codes and additional explanations on definitions used in Section 6.

Table 6.1: Subtotal **Direct-Haul** waste by **in-district county** of origin as directed in table 6.1.

Table 6.2: Subtotal **Direct-Haul** waste by **out-of-district county** of origin as directed in table 6.2.

Table 6.3: Subtotal **Direct-Haul** waste by **out-of-state origin** as directed in table 6.3.

Table 6.1: DIRECT–HAUL *IN-DISTRICT WASTE* DISPOSED

County	General Solid Waste	Industrial Solid Waste	Residual Solid Waste	C&DD Waste	Exempt Waste	Asbestos	Other Waste (1)	Other Waste (1)	TOTALS (2)
TOTALS (2)									

(1) Please describe "other wastes" in Section 8. If you have more than 2 types of "other waste" from the same county you may use the next row in the table.
(2) NOTE: To sum the rows and columns in MS Word, right-click a cell in the "TOTALS" row or column and select "Update Field"

Table 6.2: DIRECT – HAUL *OUT-OF-DISTRICT WASTE* DISPOSED

County	Origin	General Solid Waste	Industrial Solid Waste	Residual Solid Waste	C&DD Waste	Exempt Waste	Asbestos	Other Waste(1)	Other Waste(1)	TOTALS (2)
	OH									
	OH									
	OH									
	OH									
	OH									
	OH									
	OH									
	OH									
	OH									
	OH									
	OH									
	OH									
	OH									
	OH									
	OH									
	OH									
	OH									
	OH									
	OH									
	OH									
To sum the columns in MS Word, right-click the bottom cell and select "Update Field"										

(1) Please describe "other wastes" in Section 8. If you have more than 2 types of "other waste" from the same county you may use the next row in the table.
(2)Note: This page may be reproduced as necessary. Please note that each table only subtotals a single page. Please remember to provide grand totals in Section 9.

Table 6.3: **DIRECT–HAUL *OUT-OF-STATE* WASTE DISPOSED** (For origin codes, see Appendix AA)

County	Origin	General Solid Waste	Industrial Solid Waste	Residual Solid Waste	C&DD Waste	Exempt Waste	Asbestos	Other Waste(1)	TOTALS (2)
To sum the columns in MS Word, right-click the bottom cell and select "Update Field"									

(1) Please describe "other wastes" in Section 8. If you have more than 1 type of "other waste" from the same county you may use the next row in the table.
(2)Note: This page may be reproduced as necessary. Please note that each table only subtotals a single page. Please remember to provide grand totals in Section 9.

Note: This page may be reproduced as necessary. Please note that each table only subtotals a single page. Please remember to provide grand totals in Section 9.

7. TRANSFERRED AND RAIL–TRANSPORTED WASTE RECEIVED
(By Facility of Origin)

DIRECTIONS: Report all Transferred Waste in the tables in Section 7. Detailed instructions can be found in Appendix AA.

Definitions used in Section 7:

Transferred Waste - means any waste that has been consolidated from smaller waste collection vehicles into larger waste transportation vehicles in order to be shipped longer distances for disposal. This includes waste that is transported by rail cars.

Rail Transported Waste – Waste that is transported via rail cars is considered transferred waste. Therefore rail transported waste should be reported in Tables 7.1 through 7.4. Some rail facilities may not have a facility ID Number.

For Transferred Waste – Report totals by facility for each transfer facility that sent waste for disposal at your facility. See the instructions in Appendix AA for a more detailed example. See Appendix BB for a list of transfer facility ID numbers. If you have any questions, please contact Ohio EPA for assistance.

Remember: Report only transferred and rail-transported waste in Section 7.

Please use 1 row in each table for each facility of origin to report waste that was transferred to your facility in Tables 7.1 and 7.2. Delineate waste by category as indicated in the tables. In Table 7.3 report the origin of waste by state and county. If the waste originated from outside the United States then report the origin by country. See Appendix AA for origin codes.

Instructions for completing the tables in Section 7 are shown below:

Table 7.1: Subtotal **Transferred** waste by **in-district county** of origin as directed in table 7.1.

Table 7.2: Subtotal **Transferred** waste by **out-of-district county** of origin as directed in table 7.2.

Table 7.3: Subtotal **Transferred** waste by **out-of-state origin** as directed in table 7.3.

Table 7.1: IN-DISTRICT TRANSFERRED WASTE DISPOSED

Facility Name	Facility ID (see Appendix BB)	General Solid Waste	Industrial Solid Waste	Residual Solid Waste	C&DD Waste	Exempt Waste	Other Waste (1)	TOTALS (2)
TOTALS: (2)								

(1) Please describe "other wastes" in Section 8. If you have more than 1 type of "other waste" from the same county then enter the total in Table 7.1 and break down the waste materials by type in Table 8.1

(2) NOTE: To sum the rows and columns in MS Word, right-click the cell in the "TOTAL" row/column and select "Update Field"

7.2: OUT-OF-DISTRICT TRANSFERRED WASTE DISPOSED

Facility Name	Facility ID (see Appendix BB)	General Solid Waste	Industrial Solid Waste	Residual Solid Waste	C&DD Waste	Exempt Waste	Other Waste (1)	TOTALS (2)

Core ID:_____

Table 7.3: OUT-OF-STATE TRANSFERRED WASTE DISPOSED (For origin code, see Appendix AA)

Facility Name	County	Origin (1)	General Solid Waste	Industrial Solid Waste	Residual Solid Waste	C&DD Waste	Exempt Waste	Other Waste(2)	TOTALS (3)

7.3: OUT-OF-STATE TRANSFERRED WASTE DISPOSED (continued) (For origin code, see Appendix AA)

Facility Name	County	Origin (1)	General Solid Waste	Industrial Solid Waste	Residual Solid Waste	C&DD Waste	Exempt Waste	Other Waste(2)	TOTALS

8. Description of "Other Waste" reported in Sections 6 and 7

Table 8.1: "Other Waste" Received

County or Facility*	Origin*	Other Waste Description	Other Waste Tons

* Enter the county of origin for direct-haul waste and the facility of origin for transferred waste

** Enter the state or origin code for out-of-state waste

9. WASTE SUMMARY

A. Grand total of waste received

Table 9.1: Subtotal of Transferred and Direct-Haul Waste Received in 2011

Origin of Waste	Direct-Haul Waste	Transferred Waste	Total
(A) Total Tons of In-District Waste			
(B) Total Tons of Out-of-District Waste			
(C) Total Tons of Out-of-State Waste			
(T) Total tons of wastes received [Sum of (A), (B), & (C) above]			

B. Materials diverted for beneficial reuse and/or recycling (optional)

Table 9.2 has been provided for facilities to report any beneficial recycling activities or recycled materials that may have been handled in 2011. This refers to recycled materials that either were recovered from mixed waste or handled as source-separated materials that were diverted from disposal and transferred off-site.

If this is a captive industrial facility, you may use this section to report waste that was diverted from disposal at any point in the waste disposal stream for reuse or recycling.

If this facility has no recyclables to report then please check the box where indicated and continue with Section 9.

☐ **This facility has no recycled materials to report in 2011** (please continue with Section 10)

Table 9.2 – Total Waste Received in 2011 from all sources

Did this facility separate (recover) any recyclables from waste received?	☐ YES ☐ NO
Did this facility receive and then transfer source-separated recyclables?	☐ YES ☐ NO
(R) Tons of recyclables handled as noted above:	

10. SCRAP TIRE MANAGEMENT

Did this facility also operate a scrap tire collection facility? (Check one below)

☐	Yes – (**Reminder:** you should have submitted form # ST-65 (J) to Ohio EPA on January 31, 2012)
☐	No

Scrap Tire Management Methods – In Table 10.1 please report the management method applied to any tires received by this facility. This includes tires that may have been received incidentally in loads of other solid waste, regardless of whether the facility operated a scrap tire facility. Complete the table below by entering the requested data. Please use the management method codes below to complete Column "MM":

1 = Transferred to a beneficial use project for reuse
2 = Transferred to a monofill or monocell for disposal
3 = Transferred to a recovery facility for processing
4 = Transferred to a storage facility
5 = Transferred to a collection facility for consolidation
6 = Processed on site by a mobile recovery facility
7 = Stored on-site

In Column 2 – List the name of the facility. For Ohio facilities you may use the Core ID (see appendices). For beneficial use projects, include the project approval number.

Table 10.1 - Scrap Tire Management Methods

MM	Facility Name, Location (City, County, State) and/or Core ID or Beneficial Use Project and project approval number	No. of PTE's	Tons
	Totals		

Table 10.2 - Scrap Tire Transporters Used by the Facility– Indicate the registration number and name of scrap tire transporters used by your facility to manage tires leaving the facility. Include the number of passenger tire equivalents (PTE's). Assume 20 lbs. per PTE carried by each hauler. List destination(s) reported by transporter (Facility name, project name or number, or facility Core-ID number).

Registration No.	Name of Transporter	PTE's	Destination(s)

If you need additional space, please attach additional pages.

11. INFORMATION ON FEES COLLECTED BY THE FACILITY

A. Host community fees and contract fees negotiated between the facility and a local community or solid waste management district (SWMD)

In Table 11.1 below, please list any of the following fees collected at this facility:

a.) Host Community Fees (up to $0.25/ton fee) collected in accordance with Ohio Revised Code 3734.57(C))
b.) Any per-ton "Contract Fees" that were negotiated individually between a facility and a local community or SWMD.

☐ Check here if this facility did not collect any fees described above

Please note: You do not need to report any other statutory fees in this table. Please contact Ohio EPA if you have any questions about this section.

Table 11.1: Contract Fees and Local Surcharges

Type of Fees Collected (select fee type from the menu)	**Name of Township/Municipality**	Select type of jurisdiction from the menu	**$/Ton Fee**	**Total $ Collected**
☐ ORC 3754.57(C) ☐ Contractual		Select juristiction	/ ton	
☐ ORC 3754.57(C) ☐ Contractual		Select juristiction	/ ton	
☐ ORC 3754.57(C) ☐ Contractual		Select juristiction	/ ton	
☐ ORC 3754.57(C) ☐ Contractual		Select juristiction	/ ton	
☐ ORC 3754.57(C) ☐ Contractual		Select juristiction	/ ton	
☐ Please check here if additional pages are attached			**Total:**	

Note: You may attach additional sheets as necessary.

B. TIPPING FEES

Tipping Fees - Please enter the price for each applicable category for a "typical load" of solid waste disposed. That is an average price that would apply to the majority of waste accepted at this facility. If unable to define a "typical" load, then please report the facility's posted rates or attach a price sheet. (**Please do not include state or local fees or surcharges in the prices in this table**):

Table 11.2: Tipping Fees

Tons (as measured with scales)	$	per ton
Compacted cubic yards	$	per cubic yard
Uncompacted cubic yards	$	per cubic yard

12. DISPOSAL CAPACITY

NOTE: The information for this section is required in accordance with OAC 3745-27-19(M), 3745-29-19(M), and 3745-30-14(M). Please do not use unapproved pending PTI applications and draft PTIs as sources of information for this section. Facilities are encouraged to contact their Ohio EPA district office for assistance with completing this section. Note: Capacities should be listed in cubic yards (Yds^3).

Table 12– Remaining Disposal Capacity, Capacity Used, and Daily Use Characteristics

1. New Permitted Capacity in 2011 (see footnote 1) Was any additional capacity permitted at the facility during **2011**? [1]					
☐ Yes ☐ No	If yes, amount of new capacity permitted in 2011:				**Yds** [3]
2. Remaining Capacity					
a. Enter total remaining gross permitted airspace – as of Dec 31, 2011 (This should Include the amount from 1 above.)					**Yds** [3]
b. Remaining constructed capacity: Enter the amount as of *Dec 31, 2011*. (This figure should be based upon the practical volume available in all constructed cells that were completed and certified ***on or before December 31, 2011***)					**Yds**[3]
c. Projected additional constructed capacity – enter any amount that will result from construction activities that will be performed in and certified in **2012** only. **(This figure should not include the volume shown for 2.b above.)**					**Yds** [3]
3. Remaining Life (in years) - Enter the total remaining life of the facility based upon the total remaining gross airspace in 2.a. above, and rates of waste receipts listed below:					
a. Authorized Maximum Daily Waste Receipts (AMDWR)				Annual receipts at AMDWR	tons/yr
AMDWR:	tons/day			Remaining Life	years at AMDWR
b. Actual Recent Waste Receipts				Actual 2011 receipts	tons
Days operated during year[2]:		Avg. Tons/day:		Remaining Life	years at 2011 rate of receipts
4. Remaining Tons for Waste Placement					
The total amount of waste (in tons) which can be disposed in your facility based upon the total remaining gross airspace (from 2.a above) minus cover material volume:					**Tons**
5. Gross Airspace Used During 2011					
Enter the gross airspace or volume used in 2011 in the space to the right. [3]					**Yds** [3]
6. Primary Contact for capacity issues					
If the primary contact for questions concerning capacity issues is different than the person completing this report, then please provide the appropriate contact information below.					

1. Use only information from approved PTI's and Findings and Orders. Be sure to account for capacity approved during the report year when calculating gross airspace remaining.
2. You may use half-days in the calculation. Example calculation: (5.5 days / week) x (52 weeks / year) – 3 Holidays = 283 days
3. If the number of days between flyovers/surveys differs significantly from 365, be sure to apply a correction factor that will adjust the gross airspace used for a 365 day year.

Table 12– Remaining Capacity (continued)

7. Capacity Calculations – Please show the calculations used to generate the numbers in categories 3, 4 and 5 above. In addition, identify the values for all variables indicated, as applicable, and any other relevant variables used in the calculations. You may also attach additional sheets of paper as necessary.

☐ Calculations attached on a separate sheet.

Compaction Ratio(s):

Days between overflights or surveys:

Additional Variables:

Calculations:

12(B). Permits pending or intended and/or other factors that may affect future facility capacity and/or circumstances that resulted in significant changes in waste receipts in 2011:

Why do we ask this? The answer is that Ohio EPA is required to monitor solid waste disposal capacity in Ohio. Data provided in this section is intended to assist that endeavor. Please assist us by reporting information described below. You may also use this section to communicate any other factors that you feel may affect this facility's future disposal capacity, including those factors outside of the control of those who own operate and/or manage the facility.

If there are any pending permits for this facility, or if you applied for any new permits for this facility in 2011 or if you intend to apply for any new permits in 2012, please briefly explain below. This would include any permits that would result in changes in disposal capacity, changes in AMDWR, or changes in the way waste is received at the facility (e.g. new rail infrastructure, ownership changes, contract expiration, etc.) that may affect future capacity. You may also use this section to communicate circumstances that resulted in a significant increase or decrease in waste receipts in 2011.

13. MISCELLANEOUS INFORMATION

A. General feedback

You may use this space to provide any comments that you wish to share concerning the preparation of this report, the data contained in it, Ohio EPA's review of the report, or suggestions for improving the reporting process in the future.

Completing Sections 14 through 22:

Sections 14 through 22 will contain the remainder of the information required under Ohio Administrative Code (OAC) sections 3745-27-19(M), 3745-29-19(M), and 3745-30-14(M). Sections 14 through 22 consist of "cover sheets" with minimal form data to complete. Fill in information requested on the cover sheet and place the required information behind the appropriate cover sheet.

Each cover sheet contains applicable OAC references or rule language, and may contain one or more summary questions that must be answered. However, the report form is not intended to be a substitute for the rules. **Please refer to the actual rules in order to determine the correct requirements under the Ohio Administrative Code. Please refer to OAC section 3745-27-19(M) for municipal solid waste landfills, 3745-29-19(M) for industrial solid waste landfills and 3745-30-14(M) for residual solid waste landfills.**

14. TOPOGRAPHIC MAP

OAC 3745-27-19(M)(1), 3745-29-19(M)(1), and 3745-30-14(M)(1) require the annual operating report for landfill facilities to include a complete topographic map of all units of the sanitary landfill facility, certified by a professional skilled in the appropriate disciplines, with updated contour lines on the plan drawing containing information specified in rule 3745-27-06 of the Administrative Code. The scale and contour interval shall be consistent with the approved plans.

Note: The annual report is to represent existing topography of all units when the survey is conducted, not just those areas where filling and capping activities occurred. Thus contours determined for a previous year are not to be carried forward to a succeeding year, rather all units are to be resurveyed to determine current contours.

Place the required topographic map behind this coversheet.

OAC section 3745-27-19(M)(1), which applies to **municipal** solid waste sanitary landfills, states that the annual operational report must at a minimum include the following information summarizing the previous calendar year's operations:

(1) *A topographic map of the unit(s) of the sanitary landfill facility, certified by a professional skilled in the appropriate discipline(s), with updated contour lines on the plan drawing containing information specified in rule 3745-27-06 of the Administrative Code. The scale and contour interval shall be consistent with the approved plans. At a minimum, the owner or operator shall identify (i.e. label) the following:*

(a) The calendar year which the submittal represents.
(b) The areal extent of each phase of construction.
(c) The areal extent of closed areas of unit(s) that have a final cap system or have transitional cover.
(d) Areas that have intermediate cover.
(e) The current working phase and unit(s).
(f) The projected phase(s) and unit(s) for filling in the coming year.
(g) Access roads and buildings.
(h) On-site borrow areas and cover material stockpiles.
(i) A comparison of the actual vertical and horizontal limits of emplaced waste to the vertical and horizontal limits of waste placement authorized in the applicable authorizing document(s), including an approved permit(s) to install, plan approval, or operational report. If emplaced waste exceeds the limits of vertical and horizontal waste placement authorized in the applicable authorizing document(s), this comparison shall include a topographic map which delineates the areal extent of emplaced waste that exceeds approved limits specified in such authorizing documents. In addition, the topographic map shall contain notes that indicate the following information for waste exceeding authorized limits of waste placement: the maximum estimated volume, the maximum depth, and the average depth.

The requirements for **industrial** and **residual** solid waste sanitary landfills are reprinted on the next page. As with municipal landfills, the attached map should represent existing topography of all units at the time when the survey is conducted, not just those areas where filling and capping activities occurred. Contours determined for a previous year are not to be carried forward to a succeeding year, rather all units are to be resurveyed to determine current contours.

14. TOPOGRAPHIC MAP, continued

OAC section 3745-29-19(M)(1), which applies to **industrial** solid waste sanitary landfills, states that the annual operational report must include the following information summarizing the previous calendar year's operations:

(1) A topographic map of the industrial solid waste landfill facility, certified by a professional skilled in the appropriate discipline(s), with updated contour lines on the plan drawing containing information specified in paragraph (B)(3)(h) of rule 3745-29-06 of the Administrative Code. The scale and contour interval shall be consistent with the approved plans. At a minimum, the owner or operator shall identify the following:
(a) The calendar year which the submittal represents.
(b) The areal extent of each phase of construction.
(c) The areal extent of closed areas that have a final cap system or have transitional cover.
(d) Areas that have intermediate cover.
(e) The current working phase.
(f) The projected phase(s) for filling in the coming year.
(g) Access roads and buildings.
(h) On-site borrow areas and cover material stockpiles.
(i) A comparison of the actual vertical and horizontal limits of emplaced waste to the vertical and horizontal limits of waste placement authorized in the applicable authorizing document(s), including an approved permit(s) to install, plan approval, or operational report. If emplaced waste exceeds the limits of vertical and horizontal waste placement authorized in the applicable authorizing document(s), this comparison shall include a topographic map which delineates the areal extent of emplaced waste that exceeds approved limits specified in such authorizing documents. In addition, the topographic map shall contain notes that indicate the following information for waste exceeding authorized limits of waste placement: the maximum estimated volume, the maximum depth, and the average depth.

OAC section 3745-30-14(M)(1), which applies to **residual** solid waste sanitary landfills**,** states that the annual operational report must include the following information summarizing the previous calendar year's operations:

(1) A topographic map of the residual solid waste landfill facility, certified by a professional skilled in the appropriate discipline(s), with updated contour lines on the plan drawing containing information specified in rule 3745-30-05 of the Administrative Code. The scale and contour interval shall be consistent with the approved plans. At a minimum, the owner or operator shall identify the following:
(a) The calendar year which the submittal represents.
(b) The areal extent of each phase of construction.
(c) The areal extent of closed areas that have a final cap system.
(d) Areas that have intermediate cover.
(e) The current working phase.
(f) The projected phase(s) for filling in the coming year.
(g) Access roads and buildings.
(h) On-site borrow areas and cover material stockpiles.
(i) A comparison of the actual vertical and horizontal limits of emplaced waste to the vertical and horizontal limits of waste placement authorized in the applicable authorizing document(s), including an approved permit(s) to install, plan approval, or operational report. If emplaced waste exceeds the limits of vertical and horizontal waste placement authorized in the applicable authorizing document(s), this comparison shall include a topographic map which delineates the areal extent of emplaced waste that exceeds approved limits specified in such authorizing documents. In addition, the topographic map shall contain notes that indicate the following information for waste exceeding authorized limits of waste placement: the maximum estimated volume, the maximum depth, and the average depth.

15. LEACHATE MANAGEMENT

Ohio Administrative Code sections 3745-27-19(M)(4), 3745-29-19(M)(4), and 3745-30-14(M)(3) require the annual operating report for landfill facilities to include information on leachate collection and treatment. **Place the required information behind this coversheet.**

OAC 3745-27-19(M)(4), 3745-29-19(M)(4), and 3745-30-14(M)(3), which apply to **municipal, industrial, and residual** solid waste sanitary landfills respectively, state that the annual operational report must include the following information for the report year:

A summary of the quantity of leachate collected for treatment and disposal on a monthly basis during the year, location of leachate treatment and/or disposal, and verification that the leachate management system is operating in accordance with this rule

Place the required information behind this coversheet.

16. LEACHATE TESTING RESULTS

Ohio Administrative Code sections 3745-27-19(M)(5), 3745-29-19(M)(5), and 3745-30-14(M)(4) require the annual operating report for landfill facilities to include leachate testing results. **Place the required information behind this coversheet.**

OAC 3745-27-19(M)(5), which applies to **municipal** solid waste sanitary landfills, states that the annual operational report must include the following information summarizing the previous calendar year's operations:

Results of analytical testing of an annual grab sample of leachate for the parameters specified in appendix I of rule 3745-27-10 of the Administrative Code and for polychlorinated biphenyls (PCBs). The grab sample shall be obtained from the leachate management system.

[Comment: If PCBs are detected in leachate that will be discharged directly to or transported and discharged to a wastewater treatment plant, then the owner or operator of the sanitary landfill facility generating the leachate should contact Ohio EPA, division of surface water, prior to discharging the leachate. If the wastewater treatment plant is not affiliated with the landfill facility, then the owner or operator should also contact the receiving wastewater treatment plant prior to discharge. The owner or operator of the sanitary landfill facility should inform Ohio EPA, division of surface water, (And the wastewater treatment plant, if applicable,) of the presence and concentration of PCBs detected in the leachate. Depending upon the wastewater treatment plant's permitted discharge limit for PCBs, the owner or operator of the sanitary landfill facility may be required to conduct pretreatment of the leachate to remove PCBs prior to discharging to the wastewater treatment plant.]

OAC 3745-29-19(M)(5), which applies to **industrial** solid waste sanitary landfills, states that the annual operational report must include the following information summarizing the previous calendar year's operations:

Results of analytical testing of an annual grab sample of leachate for the parameters specified in appendix I of rule 3745-29-10 of the Administrative Code and for polychlorinated biphenyls (PCBs) if the owner or operator has accepted PCBs for disposal in accordance with paragraph (E)(8)(D) of this rule. The grab sample shall be obtained from the leachate management system.

[Comment: If PCBs are detected in leachate that will be discharged directly to or transported and discharged to a wastewater treatment plant, then the owner or operator of the industrial solid waste landfill facility generating the leachate should contact Ohio EPA, division of surface water, prior to discharging the leachate. If the wastewater treatment plant is not affiliated with the landfill facility, then the owner or operator should also contact the receiving wastewater treatment plant prior to discharge. The owner or operator of the industrial solid waste landfill facility should inform Ohio EPA, division of surface water, (And the wastewater treatment plant, if applicable,) of the presence and concentration of PCBs detected in the leachate. Depending upon the wastewater treatment plant's permitted discharge limit for PCBs, the owner or operator of the industrial solid waste landfill facility may be required to conduct pretreatment of the leachate to remove PCBs prior to discharging to the wastewater treatment plant.]

OAC 3745-30-14(M)(4), which applies to **residual** solid waste sanitary landfills, states that the annual operational report must include the following information summarizing the previous calendar year's operations:

Results from analytical testing for a minimum of one leachate grab sample for the parameters specified in rule OAC 3745-30-03 and in appendix III of rule 3745-30-08 of the Administrative Code. The grab sample shall be obtained from the leachate management system according to the test methods specified in rule 3745-30-03 of the Administrative Code. Based on these results, the director may require additional leachate sampling and testing in accordance with rule 3745-30-03 of the Administrative Code to re-evaluate the landfill classification.

17. RESIDUAL WASTE CHARACTERIZATION DATA (Residual Waste Landfills Only)

Ohio Administrative Code section 3745-30-14(M)(5) requires the annual operating report for **residual** waste landfill facilities to include waste characterization data. **Place the required information behind this coversheet.**

OAC 3745-30-14(M)(5), which applies to **residual** waste sanitary landfills, states that the annual operational report must include the following information summarizing the previous calendar year's operations:

A report detailing the results of tests required by OAC 3745-30-03

Paragraph (G) of OAC 3745-30-03 states (in part):

To confirm the residual waste is appropriate for the landfill class as established by rule 3745-30-04 of the Administrative Code, after the effective date of a permit to install for a residual waste landfill, the permittee shall characterize each residual waste in accordance with the following:

(1) Within twelve months of the effective date of the permit, establish a confirmation sampling date by collecting one sample of each residual waste and characterizing it in accordance with paragraphs (A) to (D) of this rule. Based on a concentration of a parameter which exceeds the upper limit of the confidence interval calculated for that parameter in accordance with paragraph (E) of this rule, the sampler, applicant, permittee, or the director may determine that more samples are required.

(2) Annually, within forty-five days of the confirmation sampling date established in accordance with paragraph (G)(1) of this rule, or according to a more frequent schedule as established by the director based on variability noted in previous sampling events and/or other factors affecting the predictability of waste characteristics, collect one (or more) sample(s) of each residual waste and characterize it in accordance with paragraphs (A) to (D) of this rule.

Municipal solid waste and industrial solid waste landfills have no similar requirements, and should proceed to section 18 of this form.

18. COST ESTIMATES

During 2011, your facility should have submitted an update of its financial assurance instrument. Normally this occurs on or before the anniversary date of the original financial assurance instrument. This section pertains to that update.

Ohio Administrative Code sections 3745-27-19(M)(6), 3745-29-19(M)(6), and 3745-30-14(M)(6) require the annual operating report for landfill facilities to include the most recent final closure and post-closure care cost estimates, and corrective measures cost estimate, if applicable. **Complete the check-list at the bottom of this page, and place the itemized required cost estimates behind this coversheet.** NOTE: Do not include the actual financial instrument with this report. The original signed instrument should be sent directly to Ohio EPA's financial assurance specialist.

The rule references below summarize what information should be included in this section of the annual operational report:

Municipal solid waste landfills: OAC 3745-27-19(M)(6)

The most recent updated final closure cost estimate, post-closure care cost estimate, and, if applicable, corrective measures cost estimate, adjusted for inflation and for any change in final closure cost estimate, post-closure care cost estimate, or corrective measures cost estimate required by rules 3745-27-15, 3745-27-16, and 3745-27-18 of the Administrative Code.

Industrial solid waste landfills: OAC 3745-29-19(M)(6)

The most recent updated final closure cost estimate and post-closure care cost estimate adjusted for inflation and for any change in final closure cost estimate, post-closure care cost estimate required by rules 3745-27-15 and 3745-27-16 of the Administrative Code.

Residual solid waste landfills: OAC 3745-30-14(M)(6)

The most recent final closure cost estimate and post-closure care cost estimate which have been revised in accordance with paragraph (E)(14)(a) of this rule.

The check-list below is provided to help make sure you have completed the financial assurance requirements as required by OAC 3745-27-15, OAC 3745-27-16, 3745-27-18, where applicable. The check-list addresses several common errors and omissions and helps to ensure that this section is reviewed properly. Please complete the checklist and note the associated comments. Once again, this list applies to the financial assurance instrument that you submitted to Ohio EPA on your anniversary date in 2011.

1. Are the attached cost estimates itemized? **Please Note:** If you answered "No" to #1, please itemize the estimates and attach them to this cover sheet.		☐ Yes	☐ No
2. Were the cost estimates adjusted for inflation? **Note:** The inflation factor that was used for updating costs in operating year 2011 was **0.9%**. This inflation factor applied to any financial assurance instrument that was required to be submitted during 2011.		☐ Yes	☐ No
3. Were the appropriate inflationary increases made to the financial assurance instrument?		☐ Yes	☐ No
4. If any of the itemized cost estimates were DECREASED, did you provide justification for the decreases? **Please Note:** If you answered "No" to any of the questions in 2, 3 or 4 above, then please contact a financial assurance specialist at Ohio EPA to determine whether or not you need to submit an amended instrument. Attach the original, itemized cost estimates to the back of this cover sheet.	☐ Not Applicable	☐ Yes	☐ No
5. Were any of the cost estimates increased from last year to reflect increases in estimated final closure, post-closure care, or corrective measures costs, <u>beyond adjustments made for inflation</u>?		☐ Yes	☐ No
6. Did you submit an amended, 2011 financial insurance instrument during 2011?		☐ Yes	☐ No

19. MAINTENANCE

Ohio Administrative Code sections 3745-27-19(M)(7), 3745-29-19(M)(7), and 3745-30-14(M)(7) require the annual operating report for landfill facilities to include information on maintenance performed on various monitoring and control systems at the facility. **Place the required information behind this coversheet.**

OAC 3745-27-19(M)(7), which applies to **municipal** solid waste sanitary landfills, states that the annual operational report must include the following information summarizing the previous calendar year's operations:

> *A summary of any maintenance performed on the leachate management system, ground water monitoring system, explosive gas monitoring system, and any other monitoring and control system installed at the sanitary landfill facility or performed in response to this rule*

OAC 3745-29-19(M)(7), which applies to **industrial** solid waste sanitary landfills, states that the annual operational report must include the following information summarizing the previous calendar year's operations:

> *A summary of any maintenance performed on the leachate management system, ground water monitoring system, explosive gas monitoring system, and any other monitoring and control system installed at the industrial solid waste landfill facility or performed in response to this rule*

OAC 3745-30-14(M)(7), which applies to **residual** solid waste sanitary landfills, states that the annual operational report must include the following information summarizing the previous calendar year's operations:

> *A summary of any maintenance performed on the leachate management system, ground water monitoring system, explosive gas monitoring system, if required, and any other monitoring and control system installed at the residual waste landfill facility or performed in response to paragraphs (J) and (K) of this rule.*

20. YARD WASTE REFUSAL (Municipal Solid Waste Sanitary Landfill Facilities Only)

Ohio Administrative Code section 3745-27-19(M)(10) requires the annual operating report for **municipal solid waste sanitary landfill facilities that have implemented a written yard waste restriction program**, to include a summary of instances in which the facility has recorded refusal of a vehicle due to the presence of yard waste in the vehicle load. **Place the required information behind this coversheet.**

OAC 3745-27-19(M)(9), (O)(2)(a), and (O)(2)(v) which applies to **municipal** solid waste sanitary landfills, states that the annual operational report for facilities that have implemented a written yard-waste restriction program must include the following information summarizing the previous calendar year's operations:

> *If applicable, a summary of instances recorded in accordance with procedures required in paragraph (O)(2)(a)(v) of this rule in which the owner or operator of a sanitary landfill facility refused acceptance of a vehicle due to the presence of source-separated yard waste or commingled yard waste in the vehicle load.*

Paragraph 3745-27-19(O) states that a written yard waste restriction program must contain (among other things):

> *Procedures for the recording of instances in which the sanitary landfill facility refused acceptance of a vehicle load due to the presence of a source-separated yard waste or mixed yard waste in the vehicle load*

The sanitary landfill yard waste management and restriction provisions can be found in OAC rule 3745-27-19(E)(8).

The yard waste provisions are not applicable to industrial solid waste and residual solid waste landfills.

21. GROUND WATER MONITORING PROGRAM (Industrial and Residual Landfills, Only)

Ohio Administrative Code sections 3745-29-19(M)(8), 3745-30-14(M)(8) and 3745-30-08(B)(5) require the annual operating report for **residual** and **industrial** landfill facilities to include an evaluation of whether the location of groundwater monitoring wells continues to satisfy the applicable ground water monitoring system requirements. The evaluation must include potentiometric maps. OAC 3745-30-08(B)(5), which applies to **residual** and **industrial** solid waste sanitary landfills, reads as follows:

> *Unless the ground water is monitored to satisfy the requirements of paragraphs (E) and (F) of this rule, the owner or operator shall, at least annually, evaluate the ground water surface elevation data obtained in accordance with paragraph (C)(2) of this rule to determine whether the requirements of paragraph (B) of this rule for locating the monitoring wells continue to be satisfied. The results of this evaluation shall be included in this report required in accordance with rule 3745-30-14 of the Administrative Code.*

OAC 3745-30-08(C)(2), which applies to **residual** and **industrial** solid waste sanitary landfills, reads as follows:

> *Ground water elevations shall be measured within a single twenty-four-hour period in all monitoring wells at least semi-annually and in each well prior to purging and sampling. The owner or operator shall determine, for the uppermost aquifer system and for all significant zones of saturation monitored, the direction of ground water flow at least semi-annually. The ground water elevations and direction(s) of flow shall be shown on a potentiometric map(s) submitted with the sampling data.*

Please place the required information behind this coversheet.

22. NOTARIZED CERTIFICATION

Please complete this section as described in OAC 3745-27-19(M)(8).

I, _____, (title) _____ as a representative of
(print name)

_____solid waste facility, do hereby swear that,

to the best of my knowledge, the information contained in this report is true and accurate.

Signature:_____ Date:_____

Sworn to and subscribed in my presence this _____ day of _____, 2011

Notary Public

My commission expires: _____/_____/_____

SEAL

2011 Facility Annual Operational Report Form Appendices

(Note: These appendices are for reference purposes only, do not include them with the final report)

Contents:

Appendix AA ……. Supplementary Instructions

- Instructions for Completing the Form Electronically
- Examples on how to complete tables in Sections 6 & 7
- Table AA – Origin Codes and State abbreviations

Appendix BB ……. Transfer Facility Core ID's

Appendix CC ……. MSWLF Facility Core ID's

Appendix DD ……. Other Solid Waste Facility Core ID's

APPENDIX AA

Supplementary Instructions

Instructions for Completing the Electronic Version of the Facility Annual Operations Report

The Ohio 2011 Annual Operations Report has been made available in MS Word format (version 2007 compatible with Word 2003/XP). The report form includes form fields that can be easily completed as described below. If you would like assistance with this form, please contact your Ohio EPA District Office.

Before entering data - users must ensure that the form is locked or protected.

Locking /Protecting the form - The form should be locked when you receive it. If the form is not locked or you need to unlock it to make edits, please follow the procedure below.

- **MS Office 2007 users** – In MS Office 2007 the form can be locked and unlocked as follows:

  To Unlock the Form:

  a. Developer >> Protect Document >> Restrict Editing and Formatting (while this seems contradictory, users must in fact select "restrict editing" in order to open the dialogue box to turn off protections)

  b. Under #2 "Editing Restrictions" uncheck the box that says "*Allow only this type of editing in the document*"

  To Lock the Form and enter data:

  a. Developer >> Protect Document >> Restrict Editing and Formatting

  b. Under #2 "Editing Restrictions" Select "Filling in Forms" then check the box that says "*Allow only this type of editing in the document*"

  d. Click the button that says "Yes, Start Enforcing Protection." There is no password (see note on passwords below).

  Important Notes:

  - You may need to load the **Developer Tools** onto the **Main Ribbon** and show the **Developer Tab** to edit this form.

  - **You DO NOT need to enter a password!** When the password dialogue box appears, you may leave the password blank simply press "OK" unless you want to protect the form for your own use.

  - **Users of MS Word XP and earlier versions of MS Office –** If you are using an earlier version of MS Office, you should be able to edit the file. If you have difficulty try downloading the plug-in from Microsoft for backward compatibility with earlier versions of Office.

- **Microsoft Word 2003 Users:** Go to the **View** menu and select **Toolbars** >> **Forms**. The Forms toolbar should appear. Clicking the lock icon on the **Form Toolbar** will lock and unlock the form for entry.

When you receive the form, it should be "locked" ("protected" in Word 2007). This means that you cannot make changes to the form, but the form fields are activated for data entry. Ensure that the form is locked before you begin entering data. In Word 2003, most of the tools in the Forms Toolbar will appear "grayed-out" when the form is locked. To lock and unlock the form, simply click the lock icon on the Forms Toolbar.

- **Changing the Form:** Changes to the form should not be necessary under most circumstances and the form should be locked for data entry. However, if you find that changes need to be made they can be made as follows:

    - Unlock the form as described above.
    - Once the form is unlocked, changes may be made.
    - IMPORTANT: **Data cannot be entered into form fields when the form is unlocked**; the form field will be deleted and overwritten with text. You will also not be able to tab between fields if the form is unlocked.
    - When finished making changes, **Lock or protect the form before resuming data entry.**

- **Editing Headers:** The Facility ID numbers for all facilities are now listed in the appendices. To enter the Facility ID number into the header follow the instructions below:

    - Review the directions for unlocking the form above. Unlock the form.
    - Click on the header to edit and add the Core ID #. Close the header dialogue box.
    - **IMPORTANT: Remember to re-lock the form before entering data.**

Entering Data

- Ensure that the form is locked or protected as described above. Select the first field in section I of the form with the cursor, and begin entering data.

- The individual(s) entering data can rapidly tab between fields and enter data. Check boxes can be completed in three ways: by clicking on them with the cursor, hitting the space bar, or by typing an "x".

- **Sum Rows and Columns in a Table** – Some of the tables in the 2011 FAR form will automatically sum values in a row or column. To calculate the sum, right-click on the "total" cell and select "Update Field" from the menu.

- Several fields on the form have "pull-down menus". To complete these fields, simply click on the arrow at the right of the field and select the appropriate response from the menu.

- Additional tables for sections 6 and 7 have been provided in separate files. Simply complete, print and insert as many of these tables as necessary to complete the report.

- If extra data are provided on (an) additional sheet(s), refer the reader to the attached sheet in the form field provided.

Definitions used in Section 6:

Facility Name – List the name of the transfer facility.

Facility ID - This is a number assigned to the facility by Ohio EPA. See Appendix BB for a list of licensed facilities. Report Facility ID numbers for Ohio facilities only. For transferred waste, report the name and ID number of the sending facility. Facility ID numbers can be found in Appendix BB. Rail facilities may not have a Facility ID number. Please see Appendix BB for more info.

Origin of Waste - Indicate the origin of the waste by checking the appropriate box. Enter the name of the county of origin. For out-of-state waste, enter the name of the state, territory and the county or province. Enter the country if imported from outside of the U.S.A. See Table AA in Appendix AA for state and country abbreviations.

C&DD Waste (Row D) - Report all C&DD waste logged during the report year in this row.

Asbestos Waste (Row F) – Some landfills are permitted to receive NESHAP-regulated asbestos waste. If so, this waste would be direct-hauled to the facility. Therefore, Row F only appears in the tables for direct-haul waste. If you have any questions regarding asbestos waste, please contact Ohio EPA for assistance.

Other Waste (Row G) - Provide a description of the waste material when reporting "other wastes" in Row (G). Do not report "Exempt" wastes in this category. If you need assistance to categorize waste, please contact Ohio EPA.

It is important that you **do not combine the transferred waste totals with direct-hauled waste totals** on any row in the tables in Section 6 or 7. In section 7, it is important that you **do not combine transfer facility totals by county;** instead, each row in Tables 7.2-7.4 should represent the total from one facility.

Table AA - State Abbreviations

Waste Origin	Abbr.
Alabama	AL
Alaska	AK
Arizona	AZ
Arkansas	AR
California	CA
Colorado	CO
Connecticut	CT
Delaware	DE
Florida	FL
Georgia	GA
Hawaii	HI
Idaho	ID
Illinois	IL
Indiana	IN
Iowa	IA
Kansas	KS
Kentucky	KY
Louisiana	LA
Maine	ME
Maryland	MD
Massachusetts	MA
Michigan	MI
Minnesota	MN
Mississippi	MS
Missouri	MO
Montana	MT
Nebraska	NE
Nevada	NV
New Hampshire	NH

Waste Origin	Abbr.
New Jersey	NJ
New Mexico	NM
New York	NY
North Carolina	NC
North Dakota	ND
Ohio	OH
Oklahoma	OK
Oregon	OR
Pennsylvania	PA
Rhode Island	RI
South Carolina	SC
South Dakota	SD
Tennessee	TN
Texas	TX
Utah	UT
Vermont	VT
Virginia	VA
Washington	WA
West Virginia	WV
Wisconsin	WI
Wyoming	WY
District of Columbia	DC
Virgin Islands	VI
Canada	CN
Puerto Rico	PR
Mexico	MX
Other / Unknown	-

Appendix BB – Table BB.1 – Ohio Transfer Facility Core ID's (Sorted by County)

NOTE: If you received waste via a rail facility with no Ohio EPA ID number, please enter "999999"

County	Facility Name	CoreID		County	Facility Name	CoreID
Allen	WM Ohio Lima TF	2286		Franklin	Columbus Transfer & Rec Fields Avenue	274280
Allen	Metcalf St. TS	299797		Franklin	Georgesville Road TF	15062
Belmont	Apex Energy Inc. Waste TS	3492		Franklin	Waste Mgt. T&R	15274
Butler	Hamilton City TF	133783		Franklin	Morse Road TS	15487
Carroll	J & J Refuse Service TF	5007		Franklin	Reynolds Avenue TS	15711
Cuyahoga	Harvard Road TS	10687		Franklin	Jackson Pike TF	233511
Cuyahoga	City of Euclid TS	12366		Fulton	Fulton Co. Solid Waste TF	16500
Cuyahoga	Strongsville Solid Waste TF	11609		Fulton	Archbold Refuse TF	266628
Cuyahoga	Shaker Heights Service Dept. TS	11145		Greene	Waste Mgt. Fairborn TF	17624
Cuyahoga	Waste Management Cleveland T&R	10688		Geauga	Universal Disposal	305631
Cuyahoga	City of East Cleveland Refuse TS	9143		Guernsey	Kimble (Cambridge) T&R Facility	54246
Cuyahoga	Cleveland Heights TS	8705		Hamilton	Cincinnati TF Este Ave.	19207
Cuyahoga	Ridge Road TS	8613		Hardin	Hardin Co. Solid Waste TF	21712
Cuyahoga	City of Rocky River TS	11034		Huron	Huron County TF	22910
Cuyahoga	BFI Glenwillow TF	54244		Knox	Allied TS, Mt. Vernon	23800
Cuyahoga	Broadview Heights Recycling Center	8345		Lawrence	Lawrence Co. TF	262417
Darke	Rumpke Recycling & TS Greenville	12672		Licking	WM of Ohio 213 Newark Transfer & Hauling Facility	52751
Delaware	Delaware County TS	13091		Marion	Marion County SW TF	29630
Erie	BFI WS Sandusky Resource Recovery Facility	48225		Medina	Medina County Material Recovery Facility	30065
Erie	Kelley's Island TS	13505		Medina	Wadsworth Solid Waste TS	30268
Fairfield	Lancaster TS	13723		Meigs	Meigs County TS	130927
Fayette	Fayette County TF	54285		Mercer	Maharg Inc.	134351

Abbreviations: TF= "Transfer Facility"; TS = "Transfer Station"; T&R = "Transfer and Recycling"

Table BB.1 (continued) – Ohio Transfer Facility Core ID's (Sorted by County)

County	Facility Name	CoreID
Miami	Miami Co. Solid Waste & Recycling Facility	30867
Montgomery	Montgomery County **North** TF	32289
Montgomery	Montgomery County **South** TF	54245
Morrow	Mid-State Waste TF	283428
Ottawa	Put-in-Bay Township TF	34105
Pickaway	Circleville TS	34655
Portage	Portage County SWMD TF	35192
Richland	Allied Waste Mansfield	36496
Ross	WM of Ohio Chilicothe TF	36739
Ross	RLS Transfer Facility	269135
Sandusky	BFI of Ohio	133784
Shelby	Shelby County TS	37920
Stark	Kimble Transfer & Recovery Facility	38787
Stark	JMW Solid Waste Transfer	38866
Summit	WM Akron Central TS	39741
Summit	Kimble Twinsburg T&R	249945
Trumbull	Total Waste Logistics / LAS Recycling	54255
Trumbull	Warren Recycling Inc. TF	133962
Van Wert	Van Wert County Refuse TS	43305

Abbreviations: TF= "Transfer Facility"; TS = "Transfer Station"; T&R = "Transfer and Recycling"

Appendix CC – Ohio MSW Landfill (LF) Core ID's (Sorted by County)

County	Facility	CoreID
Ashtabula	WM Geneva LF	54419
Athens	Athens-Hocking Reclamation Center	3078
Brown	RWS Brown County Sanitary LF	3916
Clinton	Wilmington LF	6451
Coshocton	Coshocton LF	7032
Crawford	Crawford County LF	7270
Cuyahoga	City of Brooklyn LF	8364
Defiance	Defiance County Sanitary LF	12919
Erie	Erie County Sanitary LF	13359
Fairfield	Pine Grove Regional Facility LF	13668
Franklin	SWACO Franklin County LF	15005
Gallia	Gallia County Sanitary LF	16687
Hamilton	Bond Road LF	18465
Hamilton	Rumpke Sanitary LF, Inc.	33318
Hancock	Hancock County Sanitary LF	21465
Henry	Henry County LF	22065
Holmes	Holmes County LF	22641
Jackson	Beech Hollow LF	54230
Jefferson	Apex LF	148118
Lake	Lake County Solid Waste Facility	24397
Logan	Cherokee Run LF	139513
Lorain	BFI of Ohio Lorain County LF	26024
Lucas	Hoffman Road Sanitary LF	27057
Mahoning	BFI Carbon Limestone San. LF	28726

County	Facility	CoreID
Mahoning	Central Waste, Inc. LF	28809
Mahoning	WM Mahoning LF, Inc.	29084
Mercer	Celina Sanitary LF	140649
Montgomery	Stony Hollow Recycling & Disposal Facility	32719
Ottawa	BFI Ottawa County LF	33837
Perry	Suburban South R & D Facility LF	54294
Perry	Tunnel Hill Reclamation	272650
Pike	Pike Sanitation LF	34780
Preble	Preble County Sanitary LF	35825
Richland	BFI Oakland Marsh / Noble Rd LF	36417
Seneca	Sunny Farms LF	37706
Stark	American LF, Inc.	38042
Stark	RW Countywide LF	38390
Tuscarawas	Kimble Sanitary LF	42709
Williams	Williams County LF	45017
Wood	Evergreen R& D LF	45177
Wood	Wood County LF	45563
Wyandot	Wyandot County Env. San. LF	45626

Appendix DD - Other Solid Waste Facilities Core ID's (Sorted by County)

County	Facility	Core ID
Ashtabula	Reserve Environmental Services Inc.	2875
Ashtabula	Millennium Inorganic Chemicals Plant 2 Landfill	231750
Clermont	Zimmer Industrial SW Disposal Landfill	6306
Coshocton	AEP Conesville Residual Waste Landfill	7041
Cuyahoga	Arcelor Mittal, Cleveland Inc. (fka ISG)	8186
Defiance	GM Powertrain Group Defiance Plant Landfill	12895
Erie	Huron Lime Company No. 2 Landfill	13503
Gallia	Gavin Plant Residual Waste Landfill	16700
Gallia	Kyger Creek Station Landfill	270834
Jefferson	Cardinal FAR1 Residual Waste Landfill	272343
Jefferson	FirstEnergy, Hollow Rock Facility Landfill	269130
Licking	Owens Corning Fiberglass Landfill	25536
Lucas	Envirosafe HW & Ind Landfill	27256
Montgomery	Fraser Paper Inc. / West Carrollton Mill Landfill	148712
Ottawa	Graymont Dolime Ohio Inc. Landfill	33916
Ottawa	US Gypsum Company Landfill	33915
Ottawa	Materion Brush Inc. Landfill (fka Brush Wellman)	52732
Paulding	Lafarge N. America, Inc. Landfill	34233
Pike	Pike Tire Monofill	146251
Stark	American Tire Monofill	38047
Stark	Liberty Tire aka C&E Coal Tire Project	54243
Summit	3M Copley, Bldg 42-8E-27	128209
Trumbull	AM Stericycle/BFI Medical Waste, Inc.	41805
Trumbull	RG Steel / Severstal Warren, Inc. Landfill (fka WCI Steel)	42096
Wayne	Rittman Paperboard Packaging Corp. of America Landfill	44595