

APPENDIX B – Recycling Infrastructure and Program Inventory

A. Inventory of Residential Recycling Infrastructure Available in the Reference Year

Table B.1. Inventory of Curbside Recycling Services Available in the Reference Year

ID #	Name of Recycling Opportunity	How Service Provided	Collection Schedule	Materials Accepted ⁽¹⁾	Weight of Materials Collected from SWMD (Tons)	PAYT (Y/N)
<i>Non-subscription curbside</i>						
NSC1	Ottawa County, Clay Center Village	Contract between the village and Buckeye Sanitation	Biweekly	Al, Pl, N, Mg Cc, Pb, Mp, Sc, G	1	N
NSC2	Ottawa County, Elmore Village	Contract between the village and Buckeye Sanitation	Biweekly	Al, Pl, N, Mg Cc, Pb, Mp, Sc, G	32	N
NSC3	Ottawa County, Oak Harbor Village	Contract between the village and Allied Waste	Weekly	Al, Pl, N, Mg Cc, Pb, Mp, Sc, G	91	N
NCS4	Ottawa County, Port Clinton City	Contract between the city and Allied Waste	Weekly	Al, Pl, N, Mg Cc, Pb, Mp, Sc, G	92	N
NSC5	Sandusky County, Fremont City	Contract between the city and Fultz & Sons, Inc.	Weekly	Al, Pl, N, Mg Cc, Pb, Mp, Sc, G	483	N

Format Example

Last Print: 5/13/2014
 Last Update: 6/17/2014

ID #	Name of Recycling Opportunity	How Service Provided	Collection Schedule	Materials Accepted ⁽¹⁾	Weight of Materials Collected from SWMD (Tons)	PAYT (Y/N)
NSC6	Sandusky County, Gibsonburg Village	Contract between the village and Buckeye Sanitation	Biweekly	Al, Pl, N, Mg Cc, Pb, Mp, Sc, G	45	N
NSC7	Sandusky County, Woodville Village	Contract between the village and Buckeye Sanitation	Biweekly	Al, Pl, N, Mg Cc, Pb, Mp, Sc, G	46	N
<i>Subscription curbside</i>						
SC1	Ottawa County, Genoa Village	Allied Waste through subscriptions with individual homeowners	Biweekly	Al, P1, P2, N, Mg Cc, Pb, Mp, Sc, G	80	N
SC2	Sandusky County, Lindsey Village	Buckeye Sanitation through subscriptions with individual homeowners	Biweekly	Al, Pl, N, Mg Cc, Pb, Mp, Sc, G	8	N
SC3	Seneca County, Tiffin City	Seneca Recycling and Disposal through subscriptions with individual	Biweekly	Al, Pl, N, Mg Cc, Pb, Mp, Sc, G	Not Reported	N

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 Last Update: 6/17/2014

ID #	Name of Recycling Opportunity	How Service Provided	Collection Schedule	Materials Accepted ⁽¹⁾	Weight of Materials Collected from SWMD (Tons)	PAYT (Y/N)
		homeowners				
Total					179	

¹⁾Al=aluminum cans; Pl=plastic; N=newspaper; Mg=magazines; Cc=corrugated cardboard; Pb=paperboard; Mp=mixed paper; Sc=steel/bimetal cans; G=Glass bottles and jars.

Table B.2. Inventory of Drop-off Sites Available in the Reference Year ¹

ID#	Name of Recycling Opportunity	Type of Facility ¹	How Service is Provided	Days and Hours Available to the Public	Materials Accepted ²	Weight of Materials Collected from SWMD (Tons)
<i>Full-time, urban drop-offs</i>						
FTU1	City of St. Marys/Noble Township, Auglaize County Recycling Center 15502 St. Marys Road St. Marys, Ohio 45885	PA	Auglaize County SWMD	Mon. to Fri. 8 am to 4:30 pm	G, AIC, F, NonF, StC, Mag, MxP, OCC, OffP, ONP, PB, P, LAB, Elec, PhBk, Shoes, UOil	2,667 (includes material collected at all drop-offs)
FTU2	City of St. Marys/Noble and St. Marys Townships, Chestnut Street Recycling Building	PA	City of St. Marys, Sanitation Department	<i>Unattended:</i> 24 hours/day 7 days/week <i>Attended:</i> 1 st and 3 rd Saturday, 8 am to 10:30 am	G, AIC, F, NonF, StC, Mag, MxP, OCC, OffP, ONP, PB, P, LAB, Elec, PhBk, Shoes	2 (UOil) 89 (weight included in total for the Auglaize County Recycling Center)
<i>Part-time, urban drop-offs</i>						

¹ This example is a combination of drop-offs in Auglaize County and Butler County

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Last Update: 6/17/2014

ID#	Name of Recycling Opportunity	Type of Facility ¹	How Service is Provided	Days and Hours Available to the Public	Materials Accepted ²	Weight of Materials Collected from SWMD (Tons)
PTU1	City of New Bremen/German and Jackson Townships, recycling building on Herman Street	PA	Auglaize County SWMD	2 nd Saturday, 9 am to 12 pm	G, AIC, F, NonF, StC, Mag, MxP, OCC, OffP, ONP, PB, P, LAB, Elec, PhBk, Shoes	91 (weight included in total for the Auglaize County Recycling Center)
PTU2	City of Cridersville/Duchouquet Township, Tower Park Recycling Building	PA	Auglaize County SWMD	1 st Saturday, 9 am to 12 pm	G, AIC, F, NonF, StC, Mag, MxP, OCC, OffP, ONP, PB, P, LAB, Elec, PhBk, Shoes, UOil	33 (ONP) 2 (UOil) 48 (weight included in total for the Auglaize County Recycling Center)
PTU3	City of Wapakoneta, North Water Street Recycling Building	PA	City of Wapakoneta, Sanitation Department	Every Saturday, 9 am to 12 pm	G, AIC, F, NonF, StC, Mag, MxP, OCC, OffP, ONP, PB, P, LAB, Elec, PhBk, Shoes	195 (weight included in total for the Auglaize County Recycling Center)
<i>Full-time, rural drop-offs</i>						
None						
<i>Part-time, rural drop-offs</i>						
PTR1	Buckland Village/Logan Township, Old Tile Mill	PA	Auglaize County SWMD	4 th Saturday, 9 am to 11 am	G, AIC, F, NonF, StC, Mag, MxP, OCC, OffP, ONP, PB, P, LAB, Elec, PhBk, Shoes	17 (weight included in total for the Auglaize County Recycling Center)
PTR2	Minster Village/Jackson Township	PA	Auglaize County SWMD	Every Saturday, 12 pm to 2 pm	G, AIC, F, NonF, StC, Mag, MxP, OCC, OffP, ONP, PB, P, LAB, Elec, PhBk, Shoes	151 (weight included in total for the Auglaize County Recycling Center)
PTR3	Waynesfield Village/Wayne Township, South Wayne Street near Salt Barn	PA	Auglaize County SWMD	4 th Saturday, 9 am to 12 pm	G, AIC, F, NonF, StC, Mag, MxP, OCC, OffP, ONP, PB, P, LAB, Elec,	32 (weight included in total for the Auglaize County Recycling Center)

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ID#	Name of Recycling Opportunity	Type of Facility ¹	How Service is Provided	Days and Hours Available to the Public	Materials Accepted ²	Weight of Materials Collected from SWMD (Tons)
					PhBk, Shoes	
<i>Other Drop-offs</i>						
O1	Abitibi (131 drop-off boxes)	PA	Abitibi places and services drop-offs	24 hours per day, 7 days per week	ONP, Mag, OffP, MxP	2,259
O2	John XXIII Catholic Elementary School 3806 Manchester Road Middletown, Ohio 45042	PA	Mindlin Recycling	24 hours per day, 7 days per week	ONP, OCC	3,180
O3	First Presbyterian Church 2910 Central Ave. Middletown, Ohio 45042	PA	Mindlin Recycling	24 hours per day, 7 days per week	ONP, OCC	
O4	Madison Township Hall 5610 West Alexandria Rd. Middletown, Ohio 45042	PA	Mindlin Recycling	24 hours per day, 7 days per week	ONP, OCC	
O5	South Madison Township Fire Department 4398 Elk Creek Rd. Middletown, Ohio 45042	PA	Mindlin Recycling	24 hours per day, 7 days per week	ONP, OCC	
O6	Madison Township Fire Department, Route 4 6415 Middletown-Germantown Rd. Middletown, Ohio 45042	PA	Mindlin Recycling	24 hours per day, 7 days per week	ONP, OCC	
Total						7,706

¹PA = Publicly-Available; PUO = Private Use Only; BB = Buyback; SY = Scrap Yard

²G=Glass; AlC=Aluminum Cans; NonF=Nonferrous Metals; StC=Steel Cans; Mag=Magazines; MxP=Mixed Paper; OCC=Old Corrugated Cardboard; OffP=Office Paper; ONP=Old Newspaper; PB=Papeboard; P=Plastic; LAB=Lead Acid Batteries; Elec=Electronics; PhBk=Phone books; UOil=Used Oil.

Table B.3 Mixed Municipal Solid Waste Material Recovery Facility

ID#	MRF Name	Communities Served	Materials Recovered ⁽¹⁾	Weight of Materials Recovered (Tons)	Weight of District Waste Processed (Tons)	Weight of Bypass Waste (Tons)	Recovery Rate in Reference Year (Percent)
DMRF	Medina Central Processing Facility	Medina County	G, AC, F, P, C, PL, LAB, W, YW	Recyclables = 11,857 Fines = 8,942 tons	88,142	49,124	14.8

⁽¹⁾ G=Glass; AIC=Aluminum Cans; F=Ferrous Metals; P=Paper; C=Cardboard; PL=Plastic; LAB=Lead Acid Batteries; W=Wood

Sample Calculation:

Recovery Rate = Materials Recovered ÷ Total Material Processed x 100

Recovery Rate = (11,857 tons (recyclables) + 1,221 tons (volume reduction for composted fines)) ÷ 88,142 x 100

Recovery Rate = 13,078 ÷ 88,142 x 100

Recovery Rate = 14.8 percent

The Medina Central Processing Facility (CPF) processed waste from the SWMD and from other counties. Materials processed from other counties consisted of general solid waste and blue-bag recyclables. In the reference year, the CPF received 9,312 tons of waste and blue bag recyclables combined from other counties. The quantities in Table I-3 do not include the materials from other counties. The 49,125 tons of bypass waste consisted of industrial waste that was sent directly to the landfill without being processed at the CPF.

8,942 tons fines from the sorting line were composted at the Class I facility located at the CPF. The composting process reduced the volume of material composted by 1,221 tons. The remaining composted material was disposed at the Noble Road Landfill.

C. Inventory of Curbside Recycling and Trash Collection Service Providers

Table B.4 Inventory of Curbside Recycling Trash Collection Service Providers in the Reference Year

Name of Provider	Trash Collection Service				Curbside Recycling Service		
	Residential Y/N	PAYT Y/N	Commercial Y/N	Industrial Y/N	Residential Y/N	Commercial Y/N	Industrial Y/N
B & C Rubbish	Y	N	Y	N	N	N	N
Buckeye Refuse, Inc.	Y	N	Y	N	N	N	N
Great Lakes Refuse	Y	N	Y	N	N	Y	N
Kurtzman Sanitation	Y	N	Y	N	N	Y	N
Milliron Waste Management	N	N	Y	Y	N	Y	Y
Monn's Trash Removal	Unknown		Unknown	Unknown	Unknown	Unknown	Unknown
Rumpke	Y	N	Y	N	Y	Y	N
Shasky Sanitation and Roll-off	Unknown		Unknown	Unknown	Unknown	Unknown	Unknown
Shaw & Co.	Y	N	N	N	Y	N	N
Stantz Enterprises, LLC	Unknown		Unknown	Unknown	Unknown	Unknown	Unknown
TrashMaster's	Unknown		Unknown	Unknown	Unknown	Unknown	Unknown
Wright's Refuse	Y	N	Y	N	N	Y	N

The city of Mansfield registers the haulers that provide service within the city. A number of the trash collection service providers did not respond to the SWMD's survey

Table B.5 Inventory of Other Recycling Facilities in the Reference Year

ID#	Company/Facility Name	Location/ Service Area	Weight of Materials Accepted from SWMD (tons)	Types of Materials Accepted from SWMD¹	Sectors Served²
<i>Buyback Operations/Brokers/Scrap Yards</i>					
OR1	Aluminum and Metal Exchange	Mansfield	Not Reported	AIC, Elec, LAB, OCC, ONP, StC, F, NF	R, C, I
OR2	Metal Conversions, Inc.	Mansfield	Not Reported	NF, F	R, C, I
OR3	Milliron Industries	Mansfield	6,654	AIC, APP, LAB, OCC, ONP, Mag, PHBk, P#1, P#2, StC, F, NF	R, C, I
OR4	Omni Source	Mansfield	Not Reported	F, NF	R, C, I
OR5	Tube City, Inc.	Mansfield	Not Reported	F	I
OR6	Urban Flatts Recycling	Mansfield	Not Reported	App, Elec, F, NF	R, C
<i>Processors/Material Recovery Facilities/Recycling Centers</i>					
None					
<i>Other</i>					
OR7	Community Electronics Recycling	Mansfield	Not Reported	Elec	R, C, I
OR8	West Lynn Enterprises, LLC	Mansfield	Not Reported	Elec, LAB, G	R, C
Total			6,654 tons		

¹ AIC = Aluminum Cans, APP= Appliances, Elec – Electronics, LAB = Lead Acid Batteries, OCC = Old Corrugated Cardboard, ONP = Old Newspaper, Mag = Magazines, PHBk = Phone Books, P#1 = #1 Plastics, P#2 = #2 Plastics, StC = Steel Cans, F = Ferrous Metal, NF = Non-ferrous Metal

²R = Residential; C = Commercial; I = Industrial

D. Inventory of Composting Facilities/Yard Waste Management Programs Available in the Reference Year

Table B.6 Inventory of Composting/Yard Waste Management Activities Available in the Reference Year

ID#	Facility or Activity Name	Facility/Activity Information		Location (County, Community, Street Address, etc.)	Waste Received from the SWMD		Ohio EPA Registered (Yes or No)	Compost Produced or Distributed (Tons)
		Access ¹	Type ²		Type	Amount (Tons)		
<i>Compost Facilities</i>								
C1	Ohio Dept. of Transportation, Lexington Outpost	PUO	CF II	808 Kocheiser Road Bellville Ohio	Animal Carcasses	3	Yes	None
C2	Richland County Compost Center	PA	CF IV	441 Cairns Road Mansfield, Ohio	Yard Waste	2,263	Yes	Unknown
C3	Park Ave. East Composting	PA	CF-IV	480 Park Ave. E. Mansfield, Ohio	Yard Waste	596	Yes	Unknown
C4	Hanley Road-Andy Walker	PA	CF-IV	Lexingto-Springmill Road & Hanley Road Lexington, Ohio	Yard Waste	200	Yes	Unknown
C5	#1 Landscape	PUO	CF-IV	3775 Ridge Road Medina, Ohio	Yard Waste	7	Yes	Unknown
<i>Land Application Programs</i>								
LA1	Bellville Village	N/A	LA	Bellville Village	Leaves	222	No	N/A
LA2	Lucas Village	N/A	LA	Lucas Village	Leaves	110	No	N/A
LA3	Shelby City	N/A	LA	Shelby City	Leaves	400	No	N/A
LA4	Springfield Township	N/A	LA	Springfield Township	Leaves	333	No	N/A
LA5	Washington Township	N/A	LA	Washington Townshipo	Leaves	567	No	N/A
LA6	Ontario City	N/A	LA	Ontario City	Leaves	100	No	N/A
LA7	Ontario School District	N/A	LA	Ontario City	Leaves	33	No	N/A
LA8	Kingwood Center	N/A	LA	Mansfield	Leaves	133	No	N/A
Total						4,967		

¹“PA” = publicly-available, “PUO” = private use only.

² “DO” = drop-off facility, “LA” = land application, “CF” = composting facility (I, II, III, andr IV denote class), MO = mulching operation.

The communities that land apply leaves collect the leaves from residents during the fall.