



# Indiana Recycling Infrastructure & Economic Study

Presented to



Prepared by



July 2021

# TABLE OF CONTENTS

<b>Executive Summary .....</b>	<b>2</b>
A. Current Waste and Recycling Infrastructure .....	2
B. Economic Impact on the States Economy .....	3
C. Recommendations and Conclusions.....	5
<b>Introduction .....</b>	<b>7</b>
A. Project Partners .....	9
B. Key Stakeholders .....	11
C. Methodology.....	12
<b>Part 1. Current Waste and Recycling Infrastructure .....</b>	<b>14</b>
A. General Locations and Definitions .....	14
B. Disposal Infrastructure .....	18
C. Recycling.....	26
<b>Part 2. Economic Impact on the State’s Economy .....</b>	<b>45</b>
A. Methodology.....	45
B. The Economic Contributions of the Recycling Industry.....	47
C. Economic Impact of Indiana Manufacturers and End Users that Use Recycled Commodities .....	53
D. Increased Demand Based on Survey Responses .....	72
E. Tax Revenue Generated from the Recycling Economy .....	74
F. Comparison to Institute of Scrap Recycling Industries (ISRI) .....	75
<b>Part 3. Conclusions and Recommendations .....</b>	<b>77</b>
A. Data Collection.....	77
B. Materials Management Planning.....	81
C. Indianapolis and Marion County.....	83
D. State and Local Funding .....	87
E. Recycling Collection Programs .....	89
F. Recycling Processing.....	91
G. Organics & Food Waste .....	92
H. Grant Programs.....	92
I. Economic Development .....	93
J. End User Recycling Markets .....	94
K. Public-Private Partnerships .....	96
L. Recommendations Summary .....	97

## Appendices

- Appendix A. 2019 Community Recycling Survey
- Appendix B. 2019 Solid Waste District Recycling Survey
- Appendix C. Municipality Survey
- Appendix D. 2019 End User Recycling Survey
- Appendix E. Compost and Wood Grinder Facilities
- Appendix F. NAICS Codes
- Appendix G. Maps in Study





# **Appendix E**

## **2019 Compost and Wood Waste Facilities**



# ORGANICS FACILITIES

## REGISTERED COMPOST FACILITIES

Facility Name	County	Yard Waste	Food Waste	Wood Waste	Other	MxP	2019 Tons
Advanced Disposal Services Blackfoot Landfill Compost	Pike	v	0	0	0	0	0
Anderson Composting Facility	Madison	745	0	0	0	0	745
Bargersville Waste Water Treatment Plant	Johnson	53	0	0	0	0	53
Bartholomew Yard Waste Site	Bartholomew	12,393	0	577	0	0	12,970
Berne City Waste Water Treatment Plant Site 1	Adams	454	0	60	0	0	514
Biobalance Composting Facility	Lagrange	0	0	0	0	0	0
Biotown Ag Inc	White	400	0	0	100	0	500
Boone Grove Municipal Composting Site	Porter	1,309	0	9	0	0	1,318
Botanical Service Center	Vanderburgh	38	0	34	45	0	117
Brookville Municipal Waste Water Treatment Plant Compost Facility	Franklin	135	0	0	0	0	135
Caldwell Landfill CGS Incorporated Composting	Shelby	11,983	0	922	263	0	13,168
Cass County Composting Site	Cass	3,527	0	0	0	0	3,527
City of Rochester Composting	Fulton	636	0	31	0	0	667
Civil Town of Sunman Composting	Ripley	21	0	0	0	0	21
Connersville Street Department Compost Facility	Fayette	53	0	25	65	0	143
Creative Landscaping	Hamilton	3,500	0	0	0	0	3,500
Crocker Composting Site	Porter	2,264	0	50	0	0	2,314
Cumberland Town Compost	Marion	510	0	0	0	0	510
Cummins Incorporated Columbus Engine Plant Vermiculture Site	Bartholomew	0	0	0	0	0	0
De Kalb County Yard Waste Composting	De Kalb	13,774	0	0	0	0	13,774
Decatur Compost Facility	Adams	3,380	0	0	0	0	3,380
Duneland 28 Clean Fill Facility	Porter	35,420	0	8,708	0	10,767	54,895
E Farm LLC Composting Facility	La Porte	283	0	0	0	0	283
Earlham College Composting Program	Wayne	1	5	1	8	0	15
Earth First of Kentuckiana Incorporated	Clark	6,457	0	486	0	0	6,943
Earth First of Kentuckiana Incorporated	Floyd	754	0	15	0	0	769
Eco Dirt Composting	Cass	0	0	274	0	0	274
Elkhart County Landfill	Elkhart	3,152	0	0	0	0	3,152
Elkhart Environmental Center	Elkhart	621	0	0	0	0	621
Evanston Valley Enterprises	Spencer	12	0	1,200	10,312	0	11,524
Fable Farms Indiana LLC	Monroe	0	65	70	93	0	228
Ferdinand Street Department	Dubois	192	0	0	0	0	192
Fountain County Recycle App Station Compost Site	Fountain	4	0	0	0	0	4

Facility Name	County	Yard Waste	Food Waste	Wood Waste	Other	MxP	2019 Tons
Francesville Town	Pulaski	62	0	7	0	0	69
Gary Composting Facility	Lake	0	0	0	0	0	0
Gibson County Solid Waste Management District Princeton 2	Gibson	25,000	0	0	0	0	25,000
Gobbler Ground Feed Company	Martin	0	0	0	0	0	0
Good Earth LLC	Monroe	840	0	0	0	0	840
Goshen City Composting Facility	Elkhart	1,994	0	3,013	0	0	5,007
Grant County Composting Facility	Grant	3	0	50	0	0	53
Green Earth	Monroe	2,110	175	2,000	0	0	4,285
Greencycle County Road 200 East Facility	Hendricks	2,776	0	0	0	0	2,776
Greencycle of Indiana Composting Site	Hamilton	3,534	379	0	643	0	4,556
Greencycle Troy Avenue Composting Facility	Marion	4,917	671	0	562	0	6,150
Greencycle Whitestown	Boone	5,139	9,581	0	336	0	15,056
Greendale Composting	Dearborn	859	0	0	0	0	859
Greendell Farm	Morgan	2,500	0	0	0	0	2,500
Greentown Landfill Composting	Howard	5	0	0	0	0	5
Greentree Enterprises Composting Facility	Lake	13,849	0	532	0	0	14,381
Greentree Enterprises LLC 2	Lake	0	0	0	0	0	0
Griffith Landfill Composting	Lake	604	0	377	0	0	981
Hamilton Town Yard Waste Lot	Steuben	220	0	0	0	0	220
Hanover Composting Facility	Jefferson	230	0	0	0	0	230
Harrison Steel Castings Compost Site	Fountain	11	0	2	0	0	13
Hartford City	Blackford	350	0	0	5	0	355
Household Hazardous Waste & Recycling Center	St Joseph	2,582	0	0	0	0	2,582
Indiana University	Monroe	0	0	0	0	0	0
ISU Community Garden	Vigo	13	0	0	2	0	15
Jasper Street Department	Dubois	3,042	0	934	0	0	3,976
JK Farm Incorporated	Randolph	0	0	0	0	0	0
Kendallville Composting Facility	Noble	7,147	0	0	0	0	7,147
Knox Compost Facility	Starke	574	0	0	0	0	574
Koetter & Smith Incorporated	Floyd	37,641	6,517	0	527	0	44,685
Kokomo Yard Waste Composting	Howard	444	0	0	0	0	444
La Porte County Solid Waste District Composting	La Porte	3,511	0	1,171	0	0	4,682
Lagrange County Yard Waste Composting	Lagrange	505	0	0	0	0	505
Lake County Solid Waste Management District Leaf Compost Project	Lake	2,540	49	0	0	0	2,589
Lake Station Compost Facility II	Lake	1,372	0	0	0	0	1,372
Lamb Farms Incorporated	Boone	377	1,563	239	4,007	0	6,186
Laubscher Meadows Composting Facility	Vanderburgh	304	0	0	0	0	304

Facility Name	County	Yard Waste	Food Waste	Wood Waste	Other	MxP	2019 Tons
Lawrence County Solid Waste Compost Facility	Lawrence	573	0	262	0	0	835
Leising Excavating & Mulch Incorporated	Decatur	1,052	0	550	45	0	1,647
Madison Transfer Station	Jefferson	886	0	640	0	0	1,526
Mary's Children Inc	Monroe	0	0	0	0	0	0
Merrillville Compost Facility	Lake	3,125	0	3,100	0	0	6,225
Morsches Park Compost Facility	Whitley	410	0	171	0	0	581
Musselman Farm Landscape Solutions LLC	Hamilton	1,437	0	636	144	0	2,217
National Serv All Compost	Allen	1,957	0	0	0	0	1,957
New Haven Utility Maintenance Center	Allen	650	0	0	0	0	650
New Paris Pike Landfill	Wayne	716	0	1,093	0	0	1,809
New Whiteland Waste Water Treatment Plant	Johnson	479	0	0	0	0	479
Newton County Landfill Compost	Newton	2,918	0	0	0	0	2,918
Northeast Indiana Solid Waste Management District Yard Waste Composting	Steuben	2,190	0	0	0	0	2,190
Nugent Sand Company	Clark	3,806	0	0	0	0	3,806
Ogden Dunes Compost Site	Porter	35	0	0	0	0	35
Organic Resources	St Joseph	13,963	0	792	0	0	14,755
Perkins Good Earth Farm Compost Site	Jasper	200	0	0	0	0	200
Pines Town Composting Site	Porter	383	0	0	0	0	383
Portage City Composting Facility	Porter	2,146	0	2,906	0	0	5,052
Portland Composting Facility	Jay	10	0	0	0	0	10
Purdue Student Farm Composting	Tippecanoe	0	0	0	0	0	0
Purdue University Grounds Gravel Pit Compost Site	Tippecanoe	133	0	0	154	0	287
Purdue University Nursery	Tippecanoe	0	0	0	0	0	0
Randolph Farms Incorporated Composting	Randolph	746	0	562	0	0	1,308
Rays Composting Facility	Hendricks	36	0	681	0	0	717
Richmond Parks Dept-Floral & Landscaping Div	Wayne	0	0	0	0	0	0
Ringenberg Garten Haus Compost Facility	Allen	425	55	155	315	0	950
Rising Sun Compost	Ohio	245	0	270	0	0	515
Second Harvest Compost Site	Delaware	0	0	0	0	0	0
Seymour City Composting Facility	Jackson	144	0	39	0	0	183
Shipshewana Waste Water Treatment Plant Composting	Lagrange	143	0	0	0	0	143
Ski Landscape Corporation	Marion	60	0	2,400	0	0	2,460
Soilmaker Compost Facility	Tippecanoe	2,200	0	1,000	700	0	3,900
Southside Landfill Composting	Marion	6,174	0	0	0	0	6,174
Superior Excavating Soils & Services LLC	Kosciusko	458	0	0	21	0	479
TD Farms Investments LLC	Jasper	500	0	0	0	0	500
The Compost	Wabash	800	0	810	0	0	1,610

Facility Name	County	Yard Waste	Food Waste	Wood Waste	Other	MxP	2019 Tons
Tipton Compost Facility	Tipton	0	0	0	0	0	0
Valparaiso Municipal Composting Site	Porter	10,298	0	1,720	14	0	12,032
Velpen C & D Fillsite Company Incorporated	Pike	0	0	90	0	0	90
Victory Environmental Services	Vigo	0	0	0	0	0	0
Vincennes City Composting	Knox	187	0	10	0	0	197
Warrick County Disposal & Recycle Center	Warrick	712	0	0	0	0	712
Washington Composting Facility	Daviess	525	0	332	0	0	857
Winamac Town	Pulaski	200	0	350	0	0	550
Winchester Compost Facility	Randolph	200	0	0	0	0	200

### WOOD WASTE REPORTED FACILITIES

Facility Name	County	Yard Waste	Food Waste	Wood Waste	Other	MxP	2019 Tons
CW RECYCLING CENTER	Marion	0	0	1,484	0	0	1,484
Blaine Street Partners LLC Transfer Station	Lake	0	0	50	0	0	50
W Enterprises LLC	Montgomery	0	0	146	0	0	146
East Central Indiana Solid Waste District	Madison	0	0	4,878	0	0	4,878
Martin County Solid Waste Management District	Martin	0	0	2	0	0	2
Greencycle Troy Avenue Composting Facility	Marion	0	0	35,560	0	0	35,560
Touby Pike Recycling Center	Howard	0	0	359	0	0	359
Ray's Indianapolis Recycling	Marion	0	0	1,291	0	0	1,291
Greencycle Of Indiana Composting Site	Hamilton	0	0	33,652	0	0	33,652
Rays Composting Facility	Hendricks	0	0	1,479	0	0	1,479
White River Recycling and Transfer	Hendricks	0	0	267	0	0	267
Greencycle-Whitestown	Boone	0	0	20,429	0	0	20,429
Greencycle County Road 200 East Facility	Hendricks	0	0	12,522	0	0	12,522
334 Recycling and Transfer Station	Hendricks	0	0	294	0	0	294
CR 17 Wood Grinding	Elkhart	0	0	77,939	0	0	77,939