



Oregon

Kate Brown, Governor

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April 16, 2020

Mr. Daniel Redick
Benton County Community Development
360 SW Avery Ave
Corvallis, OR 97333

Dear Mr. Redick,

On the back of this letter is the 2018 DEQ Material Recovery and Waste Generation Summary for your watershed. This report is derived from the 2018 Material Recovery Survey, which is required under Oregon Revised Statute 459A.010. This statute also incorporates your watershed's recovery rate goals set for 2025. Your county should be proud of the efforts your recovery rate represents.

The Material Recovery and Waste Generation Summary includes your watershed's 2018 recovery rate, the amounts of materials disposed and recovered, per capita disposal, recovery and generation rates, and a chart comparing this year's results with previous survey years. The full 2018 Oregon Material Recovery and Waste Generation Rates Report will be available on the DEQ Web site at www.oregon.gov/deq/recycling/Pages/Survey.aspx by April 21, 2020.

DEQ Materials Management staff will be happy to work with your watershed to assist in improving data collection and waste reduction efforts. For assistance with your waste recovery and prevention efforts, please call Cathie Rhoades at 503-378-5089. If you would like more information about data collection or the material recovery survey, please call Michelle Shepperd at 503-229-6724, or toll free in Oregon at 1-800-452-4011 x6724.

Sincerely,

Brian Fuller, Manager
Materials Management
Western Region

Attachment: 2018 Recycling Collector Data Summary – Benton

CC: City Managers of Corvallis, Philomath
Republic Services



2018 DEQ Material Recovery and Waste Generation Summary BENTON COUNTY

CALCULATED RECOVERY RATE: 35.3%

GOAL (2025): 44%

In 2018, Benton disposed of 64,165 tons of waste and recovered 35,073 tons of waste.

Year	1996	2006	2008	2009	2013	2014	2015	2016	2017	2018
Calculated	37.4%	36.2%	41.1%	37.9%	41.5%	37.3%	35.3%	35.6%	34.0%	35.3%
Credits*	-	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	-	-	-
Total	37.4%	42.2%	47.1%	43.9%	47.5%	43.3%	41.3%	35.6%	34.0%	35.3%

*Credits were only available between the years of 1997 and 2015

Per capita waste disposal for wasteshed (pounds per person):

The average per-capita waste disposed in Oregon during 2018 was 1,595 pounds. Benton’s per-capita waste disposal was 1,498 pounds. As shown in the following table, per-capita waste disposal in Benton has *increased* 13% since 2013 (five year change) and *increased* 8% since 2008 (ten year change).

Per capita waste recovery for wasteshed (pounds per person):

The average per-capita waste recovered in Oregon during 2018 was 1,100 pounds. Benton’s per-capita waste recovery was 819 pounds. As shown in the following table, per-capita waste recovery in Benton has *decreased* 13% since 2013 (five year change) and *decreased* 15% since 2008 (ten year change).

Per capita waste generation for wasteshed (pounds per person):

Waste generation is the sum of disposal and recovery. It is a rough measure of the total discards in a wasteshed. In 2001, the Oregon Legislature established waste generation goals for the State; revised by the Legislature in 2015. The waste generation goals require that the generation of solid waste in the years 2025 to 2049 shall be 15 percent below the amount of solid waste generated in 2012, and for 2050 and beyond, the generation goal is 40 percent less than the waste generated in 2012.

The average per-capita waste generation in Oregon during 2018 was 2,695 pounds. Benton’s per-capita waste generation was 2,317 pounds. As shown in the following table, per-capita waste generation in Benton has *increased* 2% since 2013 (five year change) and *decreased* 1% since 2008 (ten year change).

Year	1996	2006	2008	2009	2013	2014	2015	2016	2017	2018
PER-CAPITA DISPOSED*	1,390	1,622	1,382	1,292	1,324	1,398	1,483	1,482	1,490	1,498
PER-CAPITA RECOVERED*	830	921	966	789	939	832	807	820	768	819
PER-CAPITA GENERATED*	2,220	2,543	2,347	2,081	2,264	2,231	2,290	2,302	2,258	2,317

*Pounds per person per year.

Regional Technical Assistant Contact:

Contact Cathie Rhoades at 503-378-5089 for assistance in identifying ways to help reduce waste generation and disposal through waste prevention, reuse, recycling, and composting.

Survey Coordinator:

Contact Michelle Shepperd by email, shepperd.michelle@deq.state.or.us, or in Portland at 503-229-6724, or toll free in Oregon at 1-800-452-4011 x6724, for more information on the survey.

NOTE: DEQ routinely updates recovery rates for prior years as we receive new information. These are the current corrected figures for all year.

FINAL Recovered Materials, Last Three Years				
Wasteshed:	Benton			
Material	Tons2016	Tons2017	Tons2018	Comments
Aluminum	302.054	312.297	431.208	
Animal Waste/grease	212.434	146.277	228.046	
Antifreeze	34.889	30.400	31.388	
Cardboard/Kraft	6,616.650	7,203.704	7,413.596	
Composite Plastic	12.600	13.050	3.000	
Electronics	357.222	269.423	180.401	
Fluorescent Lamps	0.716	7.747	0.688	
Food Waste	638.099	460.334	1,019.904	
Glass Containers	1,763.904	2,145.844	2,437.844	
Gypsum Wallboard	5.400	7.200	10.000	
Lead Acid Batteries	227.418	202.510	63.549	
Mercury	0.004	0.021	0.022	
Mixed Batteries	8.914	4.479	2.901	
Paint	75.908	75.780	80.540	
Paper Fiber	4,396.202	4,308.808	4,154.297	
Plastic Film	276.052	177.363	109.355	
Plastic Other	134.485	47.812	14.365	
Rigid Plastic Cont.	536.651	593.054	598.840	
Roofing - Asphalt	10.800	11.250	10.500	
Scrap Metal - Other	3,183.250	3,475.283	3,775.609	
Solvents	0.350	0.340	0.630	
Tinned Cans	173.309	188.692	180.868	
Tires	498.662	401.827	275.979	
Used Motor Oil	774.567	469.340	580.834	
Wood Waste	501.539	948.628	1,006.351	
Yard Debris	13,569.151	11,089.749	12,461.887	
Total Recovery	34,311.230	32,591.212	35,072.602	
2018 Disposal			64,164.795	
2018 Calculated Rate			35.3%	