

Sustainability scorecard for Barber Foods (all facilities combined)

Steve Perry, revised 10May2011

year => 2006 2007 2008 2009 2010

Production volume

quantity of finished product produced (in pounds)	2006	2007	2008	2009	2010
	58,234,492	53,330,439	46,916,438	45,034,341	42,295,683

Environmental conditions (heating degree-days affect natural gas use, cooling degree-days affect electricity use)

heating degree-days or HDD (avg temp below 65 deg F)	6,344	7,161	6,882	7,078	6,201
heating degree-days or HDD (wind chill below 65 deg F)	7,554	8,562	8,122	8,385	7,440
cooling degree-days or CDD (avg temp above 65 deg F)	398	397	330	304	558
cooling degree-days or CDD (heat index above 65 deg F)	560	636	558	443	753

Sustaining our environment - Energy usage (in pounds of "CO2 equivalent" or "CO2E" unless noted otherwise)...

electricity usage (in kilowatt-hours [KWH])	22,135,862	21,293,270	20,667,056	19,152,591	18,347,554
electricity emissions (CO2E) per KWH (from EPA eGRID data)	0.75388	0.54077	0.54077	0.54077	0.54077
emissions from electricity usage	16,687,784	11,514,762	11,176,124	10,357,147	9,921,807
electricity use rate (pounds CO2E per LB of prod)	0.2866	0.2159	0.2382	0.2300	0.2346
emissions from natural gas usage	6,974,484	6,571,402	6,706,213	6,260,827	5,893,621
natural gas use rate (pounds CO2E per LB of prod)	0.11977	0.12322	0.14294	0.13902	0.13934
emissions from liquid CO2 usage	7,055,613	4,611,340	1,559,940	635,650	798,350
total utility usage	30,717,881	22,697,504	19,442,277	17,253,624	16,613,778
TOTAL energy use rate (pounds CO2E per LB of prod)	0.5275	0.4256	0.4144	0.3831	0.3928

Sustaining our environment - Water usage (in gallons unless noted otherwise)...

incoming fresh water (measured by city water meters)	50,149,660	49,887,721	48,399,094	45,702,359	41,990,167
incoming water use rate (gallons per LB of prod)	0.8612	0.9354	1.0316	1.0148	0.9928
outgoing wastewater (emitted by waste treatment facility)	42,824,000	42,238,000	42,535,000	38,635,000	34,537,108
outgoing wastewater rate (gallons per LB of prod)	0.7354	0.7920	0.9066	0.8579	0.8166
water to "sanitary sewer" & lost (evaporation) - estimate	7,325,660	7,649,721	5,864,094	7,067,359	7,453,059

Sustaining our environment - Solid waste generated (in tons unless noted otherwise)...

to digester: "organics" removed from wastewater (WW)		2,610	3,375	3,597	3,067
to digester: "organics" from WW (LBS per LB of prod)		0.0979	0.1439	0.1597	0.1450
to compost: food waste from prod, solids from WW		1,729	1,404	1,241	1,046
to compost: food waste, solids from WW (LBS per LB of prod)		0.0648	0.0599	0.0551	0.0495
to recycling: cardboard, cartons		399	353	703	498
to incinerator to make electricity: trash		1,498	1,269	1,094	899
to landfills		0	0	0	0
total solid waste generated		6,236	6,401	6,635	5,510
TOTAL solid waste creation rate (LBS per LB of prod)		0.2339	0.2729	0.2947	0.2606

Sustaining our community...

donations of food to local charities (pounds)	529,484	521,807	694,565	447,367	327,791
donations of food to local charities (\$ value)	\$ 837,883	\$ 769,959	\$ 785,862	\$ 420,154	\$ 520,168
donations of money to local charities by employees (\$)	\$ 37,032	\$ 37,832	\$ 35,166	\$ 32,787	\$ 36,402
donations of money to local charities by company (\$)	\$ 130,705	\$ 45,328	\$ 92,800	\$ 31,124	\$ 45,313
donations of money to local charities (\$)	\$ 167,737	\$ 83,160	\$ 127,966	\$ 63,911	\$ 81,715

Sustaining our employees...

safety - DART (Days Away & Restricted Time)	7.05	10.02	8.2	3.8	3.3
preventive care - physical exams (# of participants)	235	235	224	225	296
preventive care - wellness screens (# of participants)	250	270	280	292	521
education - college level courses (# of participants)	23	30	18	19	15

