

2.0 Environmental Stewardship	2019	2018	2017	2016	2015		
Environment							
Agency Inspections (#)	715	738	718	750	680		
Agency Citations (#)	20	14	17	7	5		
Citation-Free Inspections (%)	97	98	98	99	99		
Environmental Awards & Recognitions (#)	37	4	7	2	2		
Land Management							
Total Land Portfolio (acres)	~240,000	~240,000	~200,000	~200,000	~210,000		
Wildlife Habitat Council Certified Sites (#)	40	44		* data not available *			
Land Managed for Projects Recognized by WHC (acres)	11,720			* data not available *			
Land in Conservation Easements (acres)	6,300	5,500		* data not available *			
Energy Management, Greenhouse Gas Reduction							
Greenhouse Gas (GHG) Emissions							
Scope 1-2 Emissions							
Total Scope 1 and Scope 2 Emissions (MTCO ₂ e)	997,999	951,169	922,159	888,798	852,118	929,655	1,585,535
Total Scope 1 and Scope 2 Emissions Versus 2013 Baseline (%)	62.9	60.0	58.2	56.1	53.7	58.6	100.0
Revenue Factor - Total Scope 1 and Scope 2 Emissions per Million \$ Revenue (#)	202.5	217.0	237.1	247.4	249.0	310.5	572.2
Total Scope 1 and Scope 2 Revenue Factor Versus 2013 Baseline (%)	35.4	37.9	41.4	43.2	43.5	54.3	100.0
Shipment Factor - Total Scope 1 and Scope 2 Emissions per Tons Shipped (#)	0.00431	0.00433	0.00457	0.00450	0.00439	0.00523	0.00972
Total Scope 1 and Scope 2 Shipment Factor Versus 2013 Baseline (%)	44.0	45.0	47.0	46.0	45.0	54.0	100.0
Scope 1 Emissions							
Total Scope 1 Emissions (MTCO ₂ e)	626,221	588,921	592,159	580,756	549,261	549,104	1,154,980
Total Scope 1 Emissions Versus 2013 Baseline (%)	54.2	51.0	51.3	50.3	47.6	47.5	100.0
Revenue Factor - Total Scope 1 Emissions per Million \$ Revenue (#)	127.1	134.4	152.2	161.6	160.5	183.4	416.8
Scope 1 Revenue Factor Versus 2013 Baseline (%)	30.5	32.2	36.5	38.8	38.5	44.0	100.0
Shipment Factor - Total Scope 1 Emissions per Tons Shipped (#)	0.00271	0.00268	0.00293	0.00294	0.00283	0.00310	0.00708
Scope 1 Shipment Factor Versus 2013 Baseline (%)	38.3	37.9	41.4	41.5	40.0	43.8	100.0
Scope 2 Emissions							
Total Scope 2 Emissions (MTCO ₂ e)	371,778	362,248	330,000	308,042	302,857	380,551	430,555
Total Scope 2 Emissions Versus 2013 Baseline (%)	86.3	84.1	76.6	71.5	70.3	88.4	100.0
Revenue Factor - Total Scope 2 Emissions per Million \$ Revenue (#)	75.4	82.6	84.8	85.7	88.5	127.1	155.4
Scope 2 Revenue Factor Versus 2013 Baseline (%)	48.5	53.2	54.6	55.2	57.0	81.8	100.0
Shipment Factor - Total Scope 2 Emissions per Tons Shipped (#)	0.00161	0.00165	0.00163	0.00156	0.00156	0.00214	0.00264
Scope 2 Shipment Factor Versus 2013 Baseline (%)	60.8	62.5	61.9	59.1	59.1	81.1	100.0

Revenue (\$)	4,929,103,000	4,383,000,000	3,890,000,000	3,593,000,000	3,422,000,000	2,994,000,000	2,614,000,000
Annual Shipments - All Products (tons)	234,717,000	219,697,600	201,934,800	197,479,000	194,260,400	177,844,100	156,114,200
Water Management	2019	2018	2017	2016	2015		
Permitted Water Discharge Limit Compliance (%)	99+	99+	99+	99+	* data not avail *		
Reportable Spills of Petroleum Substances and Oils							
> 55 Gallons (#)	1	2	2	* data not available *			
< 55 Gallons (#)	16	7	6	*data not available *			
Waste Management: Source Reduction & Recycling	2019	2018	2017	2016	2015		
Total Waste Recycled (%)	42	41	64	48	72		
Used Batteries - All Types Except Vehicle Batteries (tons)	10	7	10	10	10		
Light Bulbs - All Types (#) (tons)	26,589 (16)	27,831 (16.7)	13,403 (8)	11,086 (6.7)	1400 (.84)		
Empty Waste Aerosol Cans (tons)	47	15	4	2	2		
Used Oil (gallons) (tons)	464,830 (1,627)	399,494 (1,398)	307,270 (1,075)	203,822 (713)	183,256 (641)		
Used Filters (tons)	222	171	126	119	88		
Antifreeze (gallons) (tons)	19,275 (93.5)	9,862 (48)	9,185 (44.5)	6,662 (32.3)	7,670 (37.2)		
Material for Energy recovery/supplemental fuel (tons)	20	11	45	35	31		
Total Waste Disposed							
Oily Water - Incineration/Water Treatment (gallons) (tons)	10,448 (42)	12,376 (50)	7,856 (31.4)	4,853 (19)	1,961 (7.8)		
Vacuum disposal - Mixed Disposal Methods - Water and Dirt (gallons) (tons)	345,744 (2,247)	270,763 (1,760)	255,304 (1,659)	120,492 (783)	57,032 (371)		
California Hazardous Waste - Estimated							
Used Oil - Management Method Not Determined (gallons) (tons)	44,000 (154)	41,810 (146)	36,501 (128)	40,162 (140.6)	49,465 (173)		
Used Filters (tons)	23	21	6	5	1		
Used Filters, Aerosol Cans, Paint Waste, Petroleum Contaminated Materials - Incineration/Landfill (tons)	450	21	6	5	1		
EPA Hazardous Waste - Estimated (tons)	<10	<10	<10	<10	<10		
Total Waste Intensity - Per 1,000 Tons Production All Products (tons)	0.030	0.017	0.026	0.006	0.014		
Recycled Product Production	2019	2018	2017	2016	2015		
Recycled Crushed Aggregate Base (tons)	1,919,254	1,849,073	1,697,670	1,756,615	1,916,477		
Reclaimed Asphalt Pavement Used in Hot Mix Asphalt (tons)	1,606,388	1,036,006	1,330,045	1,223,631	1,225,320		

Vulcan Materials Company generally reports ESG data on an annualized basis ending Dec. 31.
Please visit csr.vulcanmaterials.com for the most current information.