# 2019 SUSTAINABILITY DATA REPORT

| EMPLOYEES | 2016 | 2017 | 2018 |
|---|---|---|---|
| **Employees** | | | |
| **Number of Employees** | **6,039** | **6,086** | **6,625** |
| North America | 3,534 | 3,506 | 4,273 |
| Europe | 79 | 82 | 94 |
| Asia | 2,426 | 2,498 | 2,258 |
| **Employee Health & Safety** | | | |
| Work-Related Fatalities | 0 | 0 | 0 |
| Hours Worked (millions of hours) | 13.8 | 13.3 | 14.0 |
| **Recordable Work-Related Injuries and Ill Health Cases[1]** | **89** | **65** | **59** |
| Injury Cases | 69 | 59 | 57 |
| Ill Health Cases | 20 | 6 | 2 |
| **Recordable Work-Related Injuries and Ill Health Rates[2]** | **1.29** | **0.98** | **0.84** |
| Injury Rates | 1.00 | 0.89 | 0.81 |
| Ill Health Rates | 0.29 | 0.09 | 0.03 |
| **High-Consequence Recordable Work-Related Injuries and Ill Health Cases[3]** | **1** | **0** | **0** |
| Injury Cases | 1 | 0 | 0 |
| Ill Health Cases | 0 | 0 | 0 |
| **High-Consequence Recordable Work-Related Injuries and Ill Health Rates[123]** | **0.01** | **0.00** | **0.00** |
| Injury Rates | 0.01 | 0.00 | 0.00 |
| Ill Health Rates | 0.00 | 0.00 | 0.00 |
| **Contract Employees[4]** | | | |
| Work-Related Fatalities | 0 | 0 | 0 |
| **Recordable Work-Related Injuries and Ill Health Cases[1]** | **6** | **13** | **5** |
| Injury Cases | 6 | 13 | 4 |
| Ill Health Cases | 0 | 0 | 1 |
| **High-Consequence Recordable Work-Related Injuries and Ill Health Cases[3]** | **0** | **0** | **0** |
| Injury Cases | 0 | 0 | 0 |
| Ill Health Cases | 0 | 0 | 0 |

| ENVIRONMENT | | 2016 | 2017 | 2018 |
|---|---|---|---|---|
| **Energy Use** | | | | |
| **Total Energy Purchased** | **MWh** | **449,432** | **456,804** | **490,405** |
| Electricity purchased | MWh | 363,111 | 367,578 | 403,757 |
| Other energy purchased | MWh | 86,321 | 89,226 | 86,647 |
| **Estimated Renewable Energy Purchased** | **MWh** | • | • | **66,084** |
| Direct purchase of renewable energy for electricity (e.g., wind, solar) | MWh | 0 | 0 | 1,215 |
| Estimated renewable energy purchases based on local utilities' energy grid mix | MWh | • | • | 64,869 |
| **Estimated Other Carbon-Free Energy Purchased** | **MWh** | • | • | **101,358** |
| Direct purchase of other carbon-free energy for electricity (e.g., nuclear) | MWh | 0 | 0 | 0 |
| Estimated other carbon-free electricity purchased based on local utilities' energy grid mix | MWh | • | • | 101,358 |
| **Estimated Non-Renewable Energy Purchased** | **MWh** | **86,321** | **89,226** | **322,962** |
| Estimated non-renewable electricity purchased based on local utilities' energy grid mix | MWh | • | • | 236,315 |
| Natural gas purchased | MWh | 86,140 | 88,814 | 85,871 |
| Diesel purchased | MWh | 172 | 247 | 497 |
| Liquefied petroleum gas (LPG) purchased | MWh | 8 | 0 | 0 |
| Gasoline purchased | MWh | 0 | 165 | 150 |
| Propane gas purchased | MWh | • | • | 129 |
| **Heat, Steam, Cooling Purchased** | **MWh** | **0** | **0** | **0** |
| Heat purchased | MWh | 0 | 0 | 0 |
| Steam purchased | MWh | 0 | 0 | 0 |
| Cooling purchased | MWh | 0 | 0 | 0 |
| **Energy Sold** | **MWh** | **0** | **0** | **0** |
| Electricity sold | MWh | 0 | 0 | 0 |
| Heat sold | MWh | 0 | 0 | 0 |
| Steam sold | MWh | 0 | 0 | 0 |
| Cooling sold | MWh | 0 | 0 | 0 |

| ENVIRONMENT | | 2016 | 2017 | 2018 |
|---|---|---|---|---|
| **Greenhouse Gas (GHG) Emissions** | | | | |
| **Scope 1 GHG Emissions (by GHG Type)** | **metric tons $CO_2e$** | **181,882** | **214,202** | **255,500** |
| $CO_2$ | metric tons $CO_2e$ | 15,645 | 16,182 | 15,736 |
| $CH_4$ | metric tons $CO_2e$ | 48 | 45 | 68 |
| $N_2O$ | metric tons $CO_2e$ | 2,761 | 3,092 | 3,691 |
| HFCs | metric tons $CO_2e$ | 22,610 | 14,232 | 14,252 |
| PFCs | metric tons $CO_2e$ | 35,445 | 49,567 | 57,906 |
| $SF_6$ | metric tons $CO_2e$ | 91,173 | 115,798 | 133,868 |
| $NF_3$ | metric tons $CO_2e$ | 7,323 | 4,577 | 4,985 |
| Fluorinated Heat Transfer Fluids (HTFs) | metric tons $CO_2e$ | 6,877 | 10,709 | 24,994 |
| **Scope 1 GHG Emissions (by Facility)** | **metric tons $CO_2e$** | **181,882** | **214,202** | **255,500** |
| Durham, NC, USA | metric tons $CO_2e$ | 102,215 | 111,699 | 121,025 |
| RTP, NC, USA | metric tons $CO_2e$ | 74,823 | 98,984 | 116,633 |
| Alston Ave, NC, USA | metric tons $CO_2e$ | 17 | 44 | 34 |
| Weck Drive, NC, USA | metric tons $CO_2e$ | 69 | 56 | 68 |
| Racine, WI, USA | metric tons $CO_2e$ | 2,289 | 2,418 | 1,987 |
| Morgan Hill, CA, USA | metric tons $CO_2e$ | Not yet owned | Not yet owned | 15,012 |
| Huizhou, China | metric tons $CO_2e$ | 2,469 | 1,001 | 741 |
| **Scope 2 (Location-Based) GHG Emissions** | **metric tons $CO_2e$** | **174,860** | **160,159** | **172,376** |
| Durham, NC, USA | metric tons $CO_2e$ | 101,528 | 88,963 | 102,185 |
| RTP, NC, USA | metric tons $CO_2e$ | 14,828 | 13,117 | 13,864 |
| Alston Ave, NC, USA | metric tons $CO_2e$ | 1,090 | 529 | 223 |
| Weck Drive, NC, USA | metric tons $CO_2e$ | 245 | 222 | 216 |
| Racine, WI, USA | metric tons $CO_2e$ | 5,631 | 4,813 | 4,689 |
| Morgan Hill, CA, USA | metric tons $CO_2e$ | Not yet owned | Not yet owned | 0 |
| Huizhou, China | metric tons $CO_2e$ | 51,538 | 52,515 | 51,198 |
| **Scope 2 (Market-Based) GHG Emissions** | **metric tons $CO_2e$** | • | **129,102** | **140,955** |
| Durham, NC, USA | metric tons $CO_2e$ | • | 106,847 | 119,230 |
| RTP, NC, USA | metric tons $CO_2e$ | • | 15,754 | 16,188 |
| Alston Ave, NC, USA | metric tons $CO_2e$ | • | 635 | 260 |
| Weck Drive, NC, USA | metric tons $CO_2e$ | • | 267 | 253 |
| Racine, WI, USA | metric tons $CO_2e$ | • | 5,599 | 5,036 |
| Morgan Hill, CA, USA | metric tons $CO_2e$ | Not yet owned | Not yet owned | 0 |
| Huizhou, China | metric tons $CO_2e$ | • | • | • |

| ENVIRONMENT | | 2016 | 2017 | 2018 |
|---|---|---|---|---|
| **Greenhouse Gas (GHG) Emissions** | | | | |
| **Scope 3 GHG Emissions** | **metric tons $CO_2e$** | **3,346** | **215,062,546** | **220,057,978** |
| Purchased goods and services | metric tons $CO_2e$ | • | • | • |
| Capital goods | metric tons $CO_2e$ | • | • | • |
| Fuel-and-energy-related activities not included in Scope 1 or 2 | metric tons $CO_2e$ | • | 8,101 | 8,661 |
| Upstream emissions of purchased fuels | metric tons $CO_2e$ | • | • | • |
| Upstream emissions of purchased electricity | metric tons $CO_2e$ | • | • | • |
| Transmission and distribution losses | metric tons $CO_2e$ | • | 8,101 | 8,661 |
| Upstream transportation and distribution | metric tons $CO_2e$ | • | • | • |
| Waste generated in operations, including disposal and transportation of waste | metric tons $CO_2e$ | • | 1,519 | 1,662 |
| Business travel (does not include Asia employees) | metric tons $CO_2e$ | 3,346 | 2,925 | 3,422 |
| Employee commuting (US employees only) | metric tons $CO_2e$ | • | • | 257 |
| Downstream transportation and distribution | metric tons $CO_2e$ | • | 40,896 | 34,283 |
| Processing of sold products | metric tons $CO_2e$ | • | • | • |
| Use of sold products | metric tons $CO_2e$ | • | 215,000,000 | 220,000,000 |
| End of life treatment of sold products | metric tons $CO_2e$ | • | 1,004 | 1,032 |
| Upstream leased assets | metric tons $CO_2e$ | Not relevant | Not relevant | Not relevant |
| Downstream leased assets | metric tons $CO_2e$ | • | • | • |
| Franchises | metric tons $CO_2e$ | Not relevant | Not relevant | Not relevant |
| Investments | metric tons $CO_2e$ | Not relevant | Not relevant | Not relevant |
| Other (upstream contract manufacturers) | metric tons $CO_2e$ | • | • | • |
| Other (downstream contract manufacturers) | metric tons $CO_2e$ | • | • | • |
| **GHG Offsets** | **metric tons $CO_2e$** | **1,105** | **210,005,108** | **220,000,938** |
| Process optimizations (Scope 1) | metric tons $CO_2e$ | • | 4,417 | 390 |
| Electricity optimizations (Scope 2) | metric tons $CO_2e$ | 1,105 | 691 | 541 |
| Use of sold products compared to traditional technologies (Scope 3)[5] | metric tons $CO_2e$ | • | 210,000,000 | 220,000,000 |
| Employee use of EV charging stations at owned facilities (Scope 3) | metric tons $CO_2e$ | • | • | 7.5 |
| **Global Warming Potentials Used** | | **AR4 100 year** | **AR4 100 year** | **AR4 100 year** |
| **Scope 1, 2 & 3 Emissions Third-Party Verified** (limited verification) | | **No** | **Yes** | **Yes** |

| ENVIRONMENT | | 2016 | 2017 | 2018 |
|---|---|---|---|---|
| **Other Air Emissions** | | | | |
| **Particulate Matter (PM)** | **metric tons** | • | • | **2.9** |
| Durham, NC, USA | metric tons | • | • | 2.4 |
| RTP, NC, USA | metric tons | • | • | 0.3 |
| Alston Ave, NC, USA | metric tons | • | • | <0.01 |
| Weck Drive, NC, USA | metric tons | • | • | <0.01 |
| Racine, WI, USA | metric tons | • | • | 0.1 |
| Morgan Hill, CA, USA | metric tons | Not yet owned | Not yet owned | <0.01 |
| Huizhou, China | metric tons | • | • | <0.01 |
| **Nitrogen Oxides (NOx)** | **metric tons** | • | • | **56.7** |
| Durham, NC, USA | metric tons | • | • | 51.6 |
| RTP, NC, USA | metric tons | • | • | 3.1 |
| Alston Ave, NC, USA | metric tons | • | • | 0.03 |
| Weck Drive, NC, USA | metric tons | • | • | 0.06 |
| Racine, WI, USA | metric tons | • | • | 1.7 |
| Morgan Hill, CA, USA | metric tons | Not yet owned | Not yet owned | 0.01 |
| Huizhou, China | metric tons | • | • | 0.2 |
| **Sulfur Dioxide ($SO_2$)** | **metric tons** | • | • | **0.15** |
| Durham, NC, USA | metric tons | • | • | 0.12 |
| RTP, NC, USA | metric tons | • | • | 0.01 |
| Alston Ave, NC, USA | metric tons | • | • | <0.01 |
| Weck Drive, NC, USA | metric tons | • | • | <0.01 |
| Racine, WI, USA | metric tons | • | • | 0.01 |
| Morgan Hill, CA, USA | metric tons | Not yet owned | Not yet owned | <0.01 |
| Huizhou, China | metric tons | • | • | <0.01 |
| **Carbon Monoxide (CO)** | **metric tons** | • | • | **18.5** |
| Durham, NC, USA | metric tons | • | • | 15.1 |
| RTP, NC, USA | metric tons | • | • | 1.8 |
| Alston Ave, NC, USA | metric tons | • | • | 0.02 |
| Weck Drive, NC, USA | metric tons | • | • | 0.05 |
| Racine, WI, USA | metric tons | • | • | 1.4 |
| Morgan Hill, CA, USA | metric tons | Not yet owned | Not yet owned | 0.01 |
| Huizhou, China | metric tons | • | • | 0.04 |

| ENVIRONMENT | | 2016 | 2017 | 2018 |
|---|---|---|---|---|
| **Other Air Emissions** | | | | |
| **Volatile Organic Compounds (VOC)** | **metric tons** | • | • | **52.7** |
| Durham, NC, USA | metric tons | • | • | 24.7 |
| RTP, NC, USA | metric tons | • | • | 10.8 |
| Alston Ave, NC, USA | metric tons | • | • | <0.01 |
| Weck Drive, NC, USA | metric tons | • | • | <0.01 |
| Racine, WI, USA | metric tons | • | • | 1.4 |
| Morgan Hill, CA, USA | metric tons | Not yet owned | Not yet owned | 0.4 |
| Huizhou, China | metric tons | • | • | 15.3 |
| **Hazardous Air Pollutants (HAP)[6]** | **metric tons** | • | • | **8.7** |
| Durham, NC, USA | metric tons | • | • | 5.9 |
| RTP, NC, USA | metric tons | • | • | 0.9 |
| Alston Ave, NC, USA | metric tons | • | • | <0.01 |
| Weck Drive, NC, USA | metric tons | • | • | <0.01 |
| Racine, WI, USA | metric tons | • | • | 0.07 |
| Morgan Hill, CA, USA | metric tons | Not yet owned | Not yet owned | <0.01 |
| Huizhou, China | metric tons | • | • | 1.9 |
| **Toxic Air Pollutants[6]** | **metric tons** | • | • | **9.3** |
| Durham, NC, USA | metric tons | • | • | 5.7 |
| RTP, NC, USA | metric tons | • | • | 1.2 |
| Alston Ave, NC, USA | metric tons | • | • | <0.01 |
| Weck Drive, NC, USA | metric tons | • | • | <0.01 |
| Racine, WI, USA | metric tons | • | • | 0.1 |
| Morgan Hill, CA, USA | metric tons | Not yet owned | Not yet owned | 0.3 |
| Huizhou, China | metric tons | • | • | 2.0 |

| ENVIRONMENT | | 2016 | 2017 | 2018 |
|---|---|---|---|---|
| **Water Use** | | | | |
| **Water Withdrawals (by Facility)** | **million gallons** | **523.3** | **546.3** | **555.2** |
| **Durham, NC, USA** | **million gallons** | **222.3** | **193.7** | **214.8** |
| Third-Party Water | million gallons | 187.8 | 168.7 | 181.3 |
| Recycled Water | million gallons | 34.4 | 25.0 | 33.5 |
| Rain Water | million gallons | 0.15 | 0.003 | 0.10 |
| **RTP, NC, USA** | **million gallons** | **34.8** | **39.6** | **41.3** |
| Third-Party Water | million gallons | 20.5 | 39.6 | 41.3 |
| Recycled Water | million gallons | 0 | 0 | 0 |
| Rain Water | million gallons | 0 | 0 | 0 |
| **Alston Ave, NC, USA** | **million gallons** | **0.02** | **0.28** | **0.07** |
| Third-Party Water | million gallons | 0.02 | 0.28 | 0.07 |
| Recycled Water | million gallons | 0 | 0 | 0 |
| Rain Water | million gallons | 0 | 0 | 0 |
| **Weck Drive, NC, USA** | **million gallons** | **0.03** | **0.03** | **0.03** |
| Third-Party Water | million gallons | 0.03 | 0.03 | 0.03 |
| Recycled Water | million gallons | 0 | 0 | 0 |
| Rain Water | million gallons | 0 | 0 | 0 |
| **Racine, WI, USA** | **million gallons** | **21.3** | **22.2** | **20.4** |
| Third-Party Water | million gallons | 21.3 | 22.2 | 20.4 |
| Recycled Water | million gallons | 0 | 0 | 0 |
| Rain Water | million gallons | 0 | 0 | 0 |
| **Morgan Hill, CA, USA** | **million gallons** | **Not yet owned** | **Not yet owned** | **0.2** |
| Third-Party Water | million gallons | Not yet owned | Not yet owned | 0.2 |
| Recycled Water | million gallons | Not yet owned | Not yet owned | 0 |
| Rain Water | million gallons | Not yet owned | Not yet owned | 0 |
| **Huizhou, China** | **million gallons** | **244.9** | **290.4** | **278.1** |
| Third-Party Water | million gallons | 191.7 | 217.8 | 179.3 |
| Recycled Water | million gallons | 53.2 | 72.6 | 98.8 |
| Rain Water | million gallons | 0 | 0 | 0 |

| ENVIRONMENT | | 2016 | 2017 | 2018 |
|---|---|---|---|---|
| **Water Use** | | | | |
| **Water Discharges (by Facility)** | **million gallons** | **355.7** | **332.8** | **404.2** |
| **Durham, NC, USA** | **million gallons** | **145.9** | **116.9** | **151.8** |
| Third-Party Waste Water | million gallons | 111.5 | 91.9 | 118.3 |
| Recycled Water | million gallons | 34.4 | 25.0 | 33.5 |
| **RTP, NC, USA** | **million gallons** | **20.5** | **23.4** | **24.4** |
| Third-Party Waste Water | million gallons | 20.5 | 23.4 | 24.4 |
| Recycled Water | million gallons | 0 | 0 | 0 |
| **Alston Ave, NC, USA** | **million gallons** | **0.02** | **0.28** | **0.07** |
| Third-Party Waste Water | million gallons | 0.02 | 0.28 | 0.07 |
| Recycled Water | million gallons | 0 | 0 | 0 |
| **Weck Drive, NC, USA** | **million gallons** | **0.03** | **0.03** | **0.03** |
| Third-Party Waste Water | million gallons | 0.03 | 0.03 | 0.03 |
| Recycled Water | million gallons | 0 | 0 | 0 |
| **Racine, WI, USA** | **million gallons** | **21.3** | **22.2** | **20.4** |
| Third-Party Waste Water | million gallons | 21.3 | 22.2 | 20.4 |
| Recycled Water | million gallons | 0 | 0 | 0 |
| **Morgan Hill, CA, USA** | **million gallons** | **Not yet owned** | **Not yet owned** | **0.2** |
| Third-Party Waste Water | million gallons | Not yet owned | Not yet owned | 0.2 |
| Recycled Water | million gallons | Not yet owned | Not yet owned | 0 |
| **Huizhou, China** | **million gallons** | **168.0** | **170.0** | **207.2** |
| Third-Party Waste Water | million gallons | 114.8 | 97.4 | 108.4 |
| Recycled Water | million gallons | 53.2 | 72.6 | 98.8 |
| **Water Consumed or Evaporated in Process (by Facility)** | **million gallons** | **167.6** | **213.5** | **150.9** |
| Durham, NC, USA | million gallons | 76.4 | 76.7 | 63.0 |
| RTP, NC, USA | million gallons | 14.3 | 16.2 | 16.9 |
| Alston Ave, NC, USA | million gallons | 0 | 0 | 0 |
| Weck Drive, NC, USA | million gallons | 0 | 0 | 0 |
| Racine, WI, USA | million gallons | 0 | 0 | 0 |
| Morgan Hill, CA, USA | million gallons | Not yet owned | Not yet owned | 0 |
| Huizhou, China | million gallons | 76.9 | 120.4 | 71.0 |

| ENVIRONMENT | | 2016 | 2017 | 2018 |
|---|---|---|---|---|
| **Water Use** | | | | |
| **Water Withdrawals (by Water Stress Regions)[7]** | **million gallons** | **523.3** | **546.3** | **555.2** |
| Third-Party Water | million gallons | 435.6 | 448.6 | 422.8 |
| Low Water Stress | million gallons | • | • | 0 |
| Low-Medium Water Stress | million gallons | • | • | 0 |
| Medium-High Water Stress | million gallons | • | • | 422.6 |
| High Water Stress | million gallons | • | • | 0.2 |
| Extremely High Water Stress | million gallons | • | • | 0 |
| Recycled Water | million gallons | 87.6 | 97.6 | 132.3 |
| Low Water Stress | million gallons | • | • | 0 |
| Low-Medium Water Stress | million gallons | • | • | 0 |
| Medium-High Water Stress | million gallons | • | • | 132.3 |
| High Water Stress | million gallons | • | • | 0 |
| Extremely High Water Stress | million gallons | • | • | 0 |
| Rain Water | million gallons | 0.15 | 0.003 | 0.10 |
| Low Water Stress | million gallons | • | • | 0 |
| Low-Medium Water Stress | million gallons | • | • | 0 |
| Medium-High Water Stress | million gallons | • | • | 0.10 |
| High Water Stress | million gallons | • | • | 0 |
| Extremely High Water Stress | million gallons | • | • | 0 |
| **Water Discharges (by Water Stress Regions)[7]** | **million gallons** | **355.7** | **332.8** | **404.2** |
| Third-Party Wastewater | million gallons | 268.1 | 235.2 | 271.9 |
| Low Water Stress | million gallons | • | • | 0 |
| Low-Medium Water Stress | million gallons | • | • | 0 |
| Medium-High Water Stress | million gallons | • | • | 271.6 |
| High Water Stress | million gallons | • | • | 0.2 |
| Extremely High Water Stress | million gallons | • | • | 0 |
| Recycled Water | million gallons | 87.6 | 97.6 | 132.3 |
| Low Water Stress | million gallons | • | • | 0 |
| Low-Medium Water Stress | million gallons | • | • | 0 |
| Medium-High Water Stress | million gallons | • | • | 132.3 |
| High Water Stress | million gallons | • | • | 0 |
| Extremely High Water Stress | million gallons | • | • | 0 |

| ENVIRONMENT | | 2016 | 2017 | 2018 |
|---|---|---|---|---|
| **Water Use** | | | | |
| **Water Consumed or Evaporated in Process (by Water Stress Regions)[7]** | **million gallons** | **167.6** | **213.5** | **150.9** |
| Low Water Stress | million gallons | • | • | 0 |
| Low-Medium Water Stress | million gallons | • | • | 0 |
| Medium-High Water Stress | million gallons | • | • | 150.9 |
| High Water Stress | million gallons | • | • | 0 |
| Extremely High Water Stress | million gallons | • | • | 0 |
| **Waste Management** | | | | |
| **Total Waste** | **thousand pounds** | **17,333** | **17,964** | **19,699** |
| Reuse | thousand pounds | 283 | 462 | 662 |
| Recycle | thousand pounds | 7,878 | 7,463 | 8,056 |
| Composting | thousand pounds | 12 | 46 | 89 |
| Recovery, Including Energy Recovery | thousand pounds | 556 | 1,616 | 2,212 |
| Incineration | thousand pounds | 145 | 76 | 136 |
| Landfill | thousand pounds | 3,375 | 2,853 | 3,002 |
| Waste Water Treated | thousand pounds | 5,084 | 5,448 | 5,542 |
| **Hazardous Waste** | thousand pounds | **2,388** | **2,779** | **3,536** |
| Reuse | thousand pounds | 0 | 0 | 0 |
| Recycle | thousand pounds | 414 | 185 | 90 |
| Composting | thousand pounds | 0 | 0 | 0 |
| Recovery, Including Energy Recovery | thousand pounds | 516 | 1,088 | 1,030 |
| Incineration | thousand pounds | 134 | 71 | 126 |
| Landfill | thousand pounds | 68 | 128 | 126 |
| Waste Water Treated | thousand pounds | 1,256 | 1,307 | 2,164 |
| **Non-Hazardous Waste** | thousand pounds | **5,447** | **6,199** | **5,545** |
| Reuse | thousand pounds | 283 | 462 | 313 |
| Recycle | thousand pounds | 1,001 | 688 | 294 |
| Composting | thousand pounds | 0 | 0 | 0 |
| Recovery, Including Energy Recovery | thousand pounds | 40 | 529 | 1,182 |
| Incineration | thousand pounds | 11 | 5 | 10 |
| Landfill | thousand pounds | 284 | 375 | 369 |
| Waste Water Treated | thousand pounds | 3,828 | 4,140 | 3,377 |

| ENVIRONMENT | | 2016 | 2017 | 2018 |
|---|---|---|---|---|
| **Waste Management** | | | | |
| **Solid Waste** | **thousand pounds** | **9,499** | **8,985** | **10,616** |
| **% Diversion from Landfill** | **%** | **68.2%** | **73.9%** | **76.4%** |
| Reuse | thousand pounds | 0 | 0 | 349 |
| Recycle | thousand pounds | 6,463 | 6,590 | 7,672 |
| Composting | thousand pounds | 12 | 46 | 89 |
| Recovery, Including Energy Recovery | thousand pounds | 0 | 0 | 0 |
| Incineration | thousand pounds | 0 | 0 | 0 |
| Landfill | thousand pounds | 3,024 | 2,349 | 2,506 |
| Waste Water Treated | thousand pounds | 0 | 0 | 0 |

• Indicates data was not yet calculated or available.

[1] Recordable Work-Related Injury-Illness is a work-related injury or ill health that results in any of the following: death, days away from work, restricted work or transfer to another job, medical treatment beyond first aid, or loss of consciousness; or significant injury or ill health diagnosed by a physician or other licensed healthcare professional, even if it does not result in death, days away from work, restricted work or job transfer, medical treatment beyond first aid, or loss of consciousness.

[2] Injury-Illness rates are calculated using 200,000 hours worked (Rate = cases/total hours worked * 200,000).

[3] High-Consequence Recordable Work-Related Injury-Illness is a work-related injury or ill health that results in an injury from which the worker cannot, does not, or is not expected to recover fully to pre-injury health status within 6 months.

[4] Contract Employee is any worker who is not a Cree employee but whose manager is and whose work and workplace may or may not be controlled by Cree.

[5] The values reported represent what our products sold will save over their estimated lifetimes. Energy usage and GHG emissions from our products were compared to their less efficient alternative products to derive energy use savings. For lighting applications, our lighting and LED products were compared to non-LED lighting fixtures (e.g., metal halide lamps, fluorescent bulbs, etc.). For applications where LEDs are currently the standard choice we assumed no energy savings. Our power products, made from silicon carbide, were compared to similar products made from silicon. Our radio frequency products, made from silicon carbide, were compared to similar products made from either silicon or gallium-arsenide.

[6] Hazardous air pollutants (HAP) are based on the US EPA list of HAP. Air pollutants are classified as toxic air pollutants per the regulations applicable at each facility.

[7] All of Cree's global manufacturing facilities were assessed for water stress using the World Resources Institute Aqueduct Water Risk Atlas. Overall Water Risk identifies regions that have a higher exposure to water-related risks and represents an aggregated measure of all indicators from the individual water risk categories of Physical Risk Quantity, Physical Risk Quality and Regulatory & Reputational Risk:

- Low water stress indicates the facility(ies) scored 0 to 1 out of 5 for Overall Water Risk.
- Low to medium water stress indicates the facility(ies) scored 1 to 2 out of 5 for Overall Water Risk.
- Medium to high water stress indicates the facility(ies) scored 2 to 3 out of 5 for Overall Water Risk.
- High water stress indicates the facility(ies) scored 3 to 4 out of 5 for Overall Water Risk.
- Extremely high water stress indicates the facility(ies) scored 4 to 5 out of 5 for Overall Water Risk.