

CMC Materials EHS Performance Report

FY19

CMC is committed to conducting its business operations in a manner that preserves the environment, which includes minimizing waste, conserving energy and preventing pollution. Our commitment goes beyond regulatory compliance and ISO certifications. The following charts show our overall progress over the last several years.

Additionally, we are partnering with our customers to help them achieve their environmental goals. As we look to the future, we plan to further reduce the environmental impact of doing business by strongly encouraging our suppliers to share our environmental vision, and we plan to measure the progress of these preferred suppliers. Through our own initiatives, as well as through joint programs with our customers and suppliers, we strive to continue to be a trusted business partner and model corporate citizen with respect to the environment.

In FY15, new 5-year goals were established with FY14 results serving as baseline performance.

CMC 5 Year Landfill Waste Reduction Goal

Fiscal Year	Target Goal (Lbs.)	Actual Volume Disposed (Lbs.)	Percent Reduction to Baseline	% Reduction Goal-Cumulative
'14	123,510	Baseline	Baseline	Baseline
'15	122,275	115,920	6.1%	1%
'16	121,040	111,420	9.8%	2%
'17	119,805	90,830	26.5%	3%
'18	118,570	95,750	22.5%	4%
'19	117,335	95,800	22.5%	5%

Goal: Reduce overall landfill waste in pounds by 5% over a 5-year period ending in FY19.

Note: Landfill waste reduced by 88% in FY08 thru FY14.

CMC 5 Year Electrical Usage Reduction Goal

Fiscal Year	Target Goal (KwH)	Actual Amount Used (KwH)	Percent Reduction to Baseline	% Reduction Goal-Cumulative
'14	25,024,390	Baseline	Baseline	Baseline
'15	24,774,146	23,909,730	4.5%	1%
'16	24,523,902	24,448,317	2.3%	2%
'17	24,273,658	24,340,632	2.7%	3%
'18	24,023,414	21,960,829	12.2%	4%
'19	23,773,142	21,095,250	15.7%	5%

Goal: Reduce overall electricity usage in KwH by 5% over a 5-year period ending in FY19.

Note: Electricity use reduced by 15.3% in FY08 thru FY14.

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CMC 5 Year Water Usage Reduction Goal

Fiscal Year	Target Goal (Gal.)	Actual Amount Used (Gal.)	Percent Reduction to Baseline	% Reduction Goal-Cumulative
'14	40,201,542	Baseline	Baseline	Baseline
'15	39,799,527	38,243,961	4.8%	1%
'16	39,397,511	39,004,625	3.0%	2%
'17	38,995,496	38,865,238	3.3%	3%
'18	38,593,480	34,843,055	13.3%	4%
'19	38,191,465	32,544,053	19.0%	5%

Goal: Reduce overall water usage in Gallons by 5% over a 5-year period ending in FY19.

Note: Water use reduced by 13.5% in FY09 thru FY14.

CMC 5 Year Greenhouse Gas (GHG) Reduction Goal

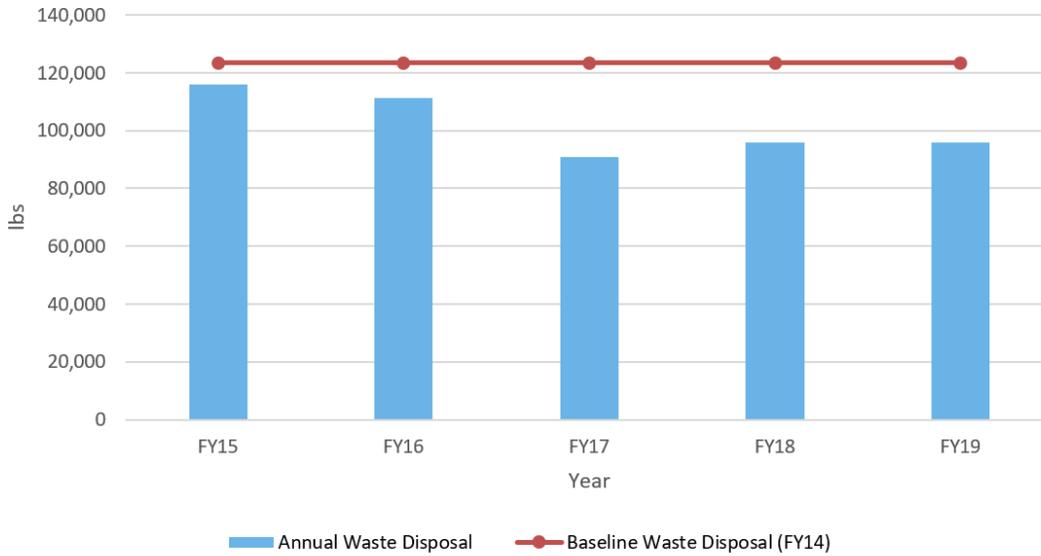
Fiscal Year	Target Goal (MT CO ₂)	Actual Amount (MT CO ₂)	Percent Reduction to Baseline	% Reduction Goal-Cumulative
'14	15,046	Baseline	Baseline	Baseline
'15	14,895	14,376	4.6%	1%
'16	14,745	14,699	2.3%	2%
'17	14,594	14,635	2.7%	3%
'18	14,444	13,204	12.2%	4%
'19	14,293	12,683	15.7%	5%

Goal: Reduce GHG emissions in MT CO₂ by 5% over a 5-year period ending in FY'19.

MT= Metric Tons

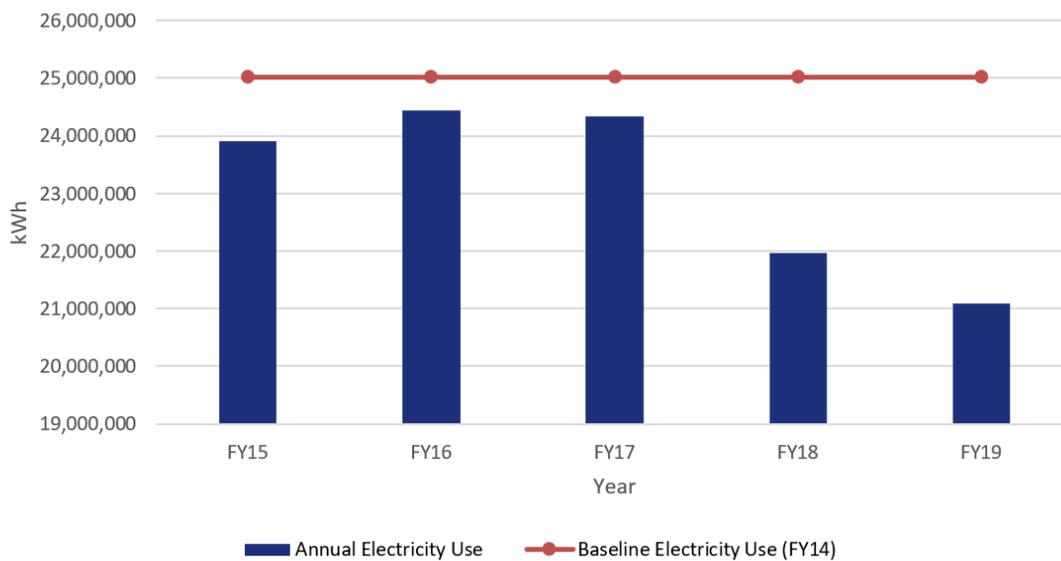
Additionally, the following tables show our current fiscal year performance over the previous five-year period.

Landfill Waste Disposal



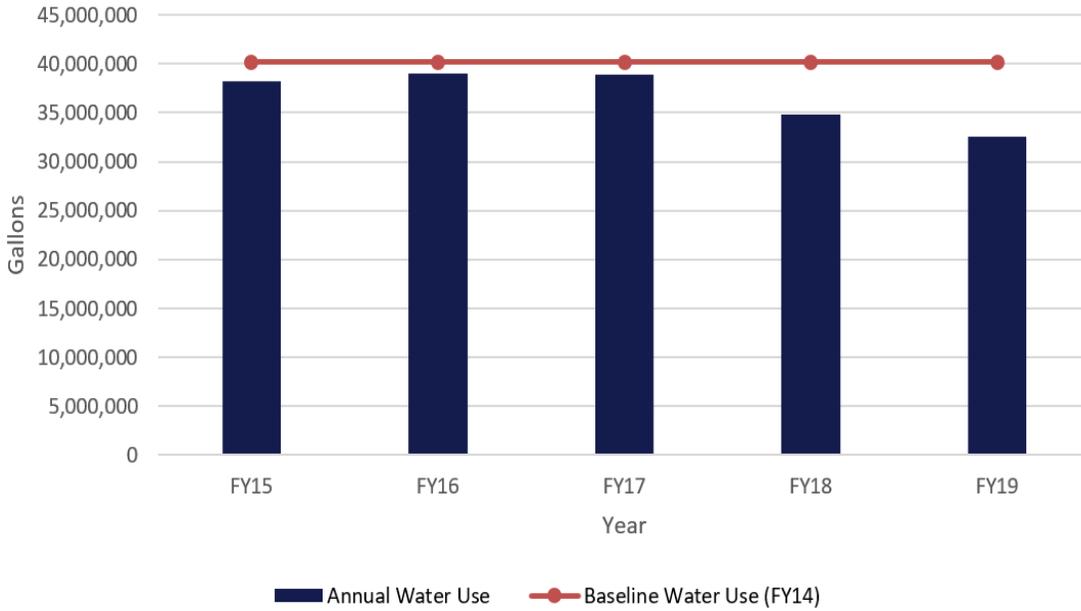
Note: Data is not normalized for production volumes.

Electricity Use (Normalized)



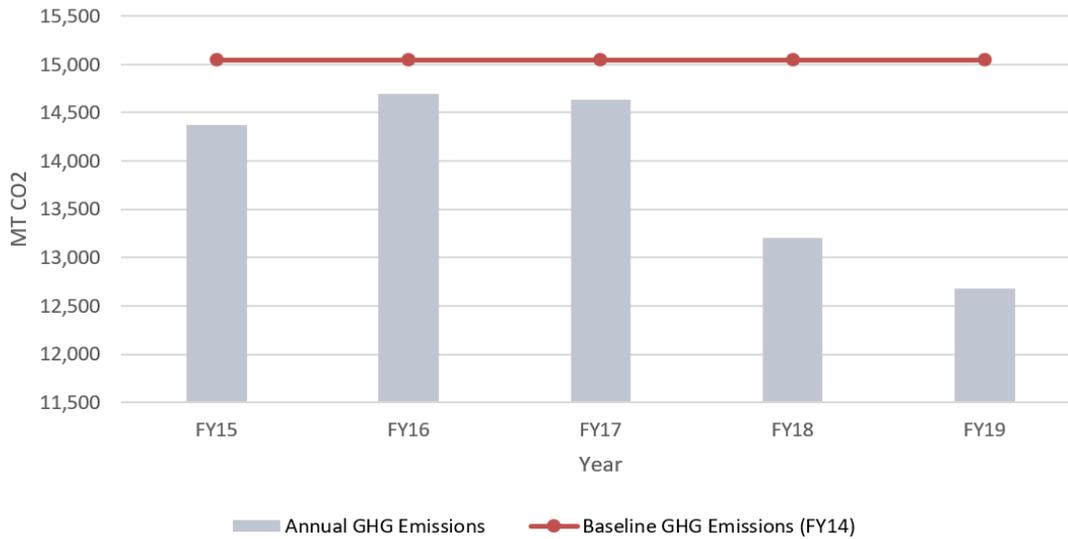
Note: Data is normalized for production volumes.

Water Use (Normalized)



Note: Data is normalized for production volumes.

GHG Emissions



Note: Data is not normalized for production volumes.

ISO 14001:2015

Since 2006, Cabot Microelectronics continues to maintain an Environmental Management System that meets the ISO 14001:2015 requirements. Our Environmental Management System includes programs for identifying and managing the environmental input of our operations; the organizational structure and responsibilities for environmental management and control; the methods to measure, analyze and improve the environmental aspects of our operations; and for the management review process to ensure suitability, adequacy and effectiveness of the environmental management program.

These programs are enabled through consistent global business systems, thorough training and certification critical to environmental responsibilities, training in environmental awareness and well documented operating procedures. The goals of the Environmental Management System are prevention of injuries and pollution; regulatory compliance and improvement of performance.

In FY20, CMC will continue to look for ways to minimize waste, reduce water and energy use and increase recycling and alternative disposal methods to landfill.

Responsible Business Alliance (RBA) (Formally known as Electronic Industry Citizenship Coalition or EICC)

The RBA was established in 2004 and with a purpose to promote an industry code of conduct for global electronics supply chains to improve working and environmental conditions. RBA collaborates with member companies, their suppliers and stakeholders to ensure continuous improvement. As a critical supplier to the electronic industry, CMC actively participates in the RBA Code of Conduct surveys which are made available to key customers and reflect CMC's performance in the five main areas of Environment, Health & Safety, Labor, Management Systems and Ethics.

For FY19, CMC completed Self-Assessment Questionnaires (SAQ's) for the Corporate location as well as eight additional manufacturing sites. The results for all sites indicated CMC to be a 'Low Risk'. Scores can be accessed using the Enablon platform.

Carbon Disclosure Project (CDP)/Water Disclosure Project (WDP)

The Carbon Disclosure Project is an independent not-for-profit organization holding the largest database of primary corporate climate change information in the world. The program was launched in 2000 to accelerate solutions to climate change by putting relevant information at the heart of business, policy and investment decisions.

2,500 organizations in 60 countries around the world now measure and disclose their greenhouse gas emissions and climate change strategies through CDP in order to set reduction targets and make performance improvements. This data is made available for use by a wide audience including institutional investors, corporations, policymakers and their advisors, public sector organizations, government bodies, academics and the public.

In FY19, CMC completed the CDP submission. Overall scoring indicated a "D" rating. The CDP program average for semiconductor supply chain was a "D". The chemical industry average was a "D". CMC's scores are similar to both the CDP program and industry average values in the categories of Governance & Strategy; Risk & Opportunity Management; Emissions Management; and Verification. CMC will continue to look for ways to improve performance and will participate again in the CDP program in FY20.

CMC also completed the Water Disclosure Project or WDP submission in FY19. Overall scoring indicated a "C" rating. The WDP program average for semiconductor supply chain was a "D". The chemical industry average was a "D". CMC scored higher than both the CDP program and industry average in the categories of Context; Risk Assessment; Governance and Strategy; Risk & Response- Direct Operations; and Risk & Response- Supply Chain. CMC will continue to look for ways to improve performance and will participate again in the CDP program in FY20.