

# ENVIRONMENTAL MANAGEMENT SYSTEM

**DNR** ANNUAL REPORT  
FISCAL YEAR 2020

[www.iowadnr.gov/swems](http://www.iowadnr.gov/swems)

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The Iowa Department of Natural Resources' (DNR) Environmental Management System (EMS) program began in 2009 as a voluntary alternative to Solid Waste Comprehensive Planning. Today, more than half of Iowa's population is within an EMS-participating planning area where continuous improvement and environmental stewardship are actively pursued.

Each EMS identifies their local, environmental risks and determines project goals that will result in measured environmental improvement. DNR supports its 14 EMS participants by offering technical assistance, training opportunities and grant funding. From year to year, DNR grant awards have remained relatively consistent while the environmental impact of the EMS projects has progressively grown.



The table below highlights and summarizes the program's cumulative impact since its inception 10 years ago.

FISCAL YEARS 2009 - 2019				
EMS COMPONENT		TOTAL	METRIC	REPORTING PARTICIPANTS
Organics waste management		384,310 tons	Food and yard waste diverted from landfill	6
Household hazardous materials collection		6,758 tons	Household hazardous material collected	12
		192,182 households	Served by hazardous material collection	8
Water quality improvement		387 acres	Land management or stormwater control areas	7
		478,293 pounds	Cleaned-up litter/illegal dumps	6
Greenhouse gas reduction		26,525 KwH	Saved after initiatives implemented	2
		8,016 tons of CO2e	Avoided after initiatives implemented	6
Recycling services		1,095,762 participants	Served by increased access	3
		343,886 tons	Collected for recycling	12
Environmental education		573,836 participants	Served by outreach	5
		65,241 students	Served by teaching partnerships	2

## REAL IMPACTS

The environmental impact from the greenhouse gas reduction component area is equivalent to keeping 1,736 passenger cars off the road for a year.



## FISCAL YEAR 2020 EMS PROGRAM COSTS

Third-party external auditing	\$28,116
Technical support and assistance, participant training	\$53,663
Grant awards	\$290,526
<b>TOTAL</b>	<b>\$372,305</b>

## FISCAL YEAR 2010-2019 GRANT FUNDING

Grant awards over 10 years	\$3,176,463
Local cash match	\$3,797,241
<b>TOTAL</b>	<b>\$7,620,548</b>