

Annual Emissions Report

Eastern Municipal Water District

(Emissions from California operations)



Report Generated On: 08/05/2008 04:09 pm PT

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Legend	
Blue	= required
Orange	= optional

Contact: Daniel McGivney
Industry Type: Government – Municipal/County
NAIC Code: 2213-Water, Sewage and Other Systems
SIC Code:

Description: Eastern Municipal Water District provides domestic and agricultural water, wastewater collection and treatment service, and recycled water in a 555 square mile service area with a population of 570,000 in western Riverside County.

This 2006 emission inventory includes actual direct and indirect emissions from Eastern Municipal Water District facilities. Due to maintenance projects, expansion projects and other operating conditions some facilities were taken offline and/or not operated at full design capacity. As a result this emission inventory does not represent EMWD's total potential emissions.

Primary Calculation Methodologies:

Organizational structure disclosure:

VERIFIED EMISSIONS INFORMATION

Reporting Year: **2007**
Reporting Scope: **CA**
Reporting Protocol: General Reporting Protocol, Version 3.0, (April 2008)
Reporting Boundaries: Management Control - Operational Criteria
Baseline Year (Direct Emissions): 2006
Baseline Year (Indirect Emissions): 2006

Direct Emissions	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
Mobile Combustion	3,296.28	3,296.28	0.00	0.00	0.00	0.00	0.00	metric ton
Stationary Combustion	31,419.48	31,419.48	0.00	0.00	0.00	0.00	0.00	metric ton
Process Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Fugitive Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
TOTAL DIRECT	34,715.76	34,715.76	0.00	0.00	0.00	0.00	0.00	metric ton

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

Indirect Emissions	CO2e	CO2	CH4	N2O	Unit
Purchased Electricity	38,181.28	38,181.28	0.00	0.00	metric ton
Purchased Steam	0.00	0.00	0.00	0.00	-
Purchased Heating and Cooling	0.00	0.00	0.00	0.00	-
TOTAL INDIRECT	38,181.28	38,181.28	0.00	0.00	metric ton

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Percentage of Total Inventory:

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

VERIFICATION INFORMATION

Verification Body: ENSR International

Basis of Verification Opinion:

Date Submitted:

OPTIONAL INFORMATION

Information in this section is voluntarily provided by the participant for public information, but is not required and thus, not verified under California Registry protocols.

Optional Emissions	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
Other	967.00	967.00	0.00	0.00	0.00	0.00	0.00	metric ton
TOTAL OPTIONAL	967.00	967.00	0.00	0.00	0.00	0.00	0.00	metric ton

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

Emissions Efficiency metric:

Emissions Management Programs:

Eastern Municipal Water District has developed the following best practices/programs to help reduce emissions:

- Our Regional Water Reclamation Facilities utilize digester gas, rather than natural gas, to power internal combustion engines used in the wastewater treatment process. Digester gas is a natural by-product of the wastewater treatment process. EMWD utilizes this gas as a renewable energy source to power engines that would normally be powered by natural gas. The net effect of this reuse of energy is a decrease in greenhouse gas emissions.
- The Rideshare Program, which provides rewards and incentives to staff who commute to work by carpooling or by means other than driving a personal vehicle. The purpose of this program is to minimize traffic congestion and reduce environmental pollution.

Emissions Reduction Projects:

Emissions Reduction Goals:

REFERENCE DOCUMENTS

Title	Author	Document Status	Publish Date
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