

Metropolitan Water District of  
Southern California

## Summary Report - Control (Public)

## Complete Inventory 2012

**Description:** The Metropolitan Water District of Southern California (MWD) is a consortium of 26 cities and water districts that provides drinking water to nearly 18 million people in parts of Los Angeles, Orange, San Diego, Riverside, San Bernardino, and Ventura Counties. The mission of MWD is to provide its service area with adequate and reliable supplies of high quality water to meet present and future need.

**Industry:** 22 - Utilities

**Address:** 700 North Alameda St  
Los Angeles, California US

**Contact:**

**Website:** <http://www.mwdh2o.com/>

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**Reporting Information**

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Reporting Protocol: General Reporting Protocol 1.1 and associated updates and clarifications

GWP Standard: SAR

Base Year: None

Consolidation Methodology: Operational Control Only

Status: TCR Accepted

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**Verification Information**

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Verification Body: Ruby Canyon Engineering Inc.

Level of Assurance: Reasonable

## Entity Emissions | Total in metric tons of CO2e

Scope 1 - Direct Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t of CO <sub>2</sub> e)	N <sub>2</sub> O (t of CO <sub>2</sub> e)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t of CO <sub>2</sub> e)	SF <sub>6</sub> (t of CO <sub>2</sub> e)
Stationary Combustion	1,058.38915	1,055.73179	2.04666	0.6107	0	0	0	0
Mobile Combustion	6,552.8857	6,451.137	9.2106	92.5381	0	0	0	0
Fugitive	356.03625	0	0	0	318.03525	0	0	38.001
<b>Total</b>	<b>7,967.3111</b>	<b>7,506.86879</b>	<b>11.25726</b>	<b>93.1488</b>	<b>318.03525</b>	<b>0</b>	<b>0</b>	<b>38.001</b>
<b>NetTotal</b>	<b>7,967.3111</b>	<b>7,506.86879</b>	<b>11.25726</b>	<b>93.1488</b>	<b>318.03525</b>	<b>0</b>	<b>0</b>	<b>38.001</b>

Scope 2 - Market Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t of CO <sub>2</sub> e)	N <sub>2</sub> O (t of CO <sub>2</sub> e)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t of CO <sub>2</sub> e)	SF <sub>6</sub> (t of CO <sub>2</sub> e)
Purchased Electricity - Market Based	124,481.5615	124,007.409	114.3975	359.755	0	0	0	0
<b>Total</b>	<b>124,481.5615</b>	<b>124,007.409</b>	<b>114.3975</b>	<b>359.755</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>NetTotal</b>	<b>124,481.5615</b>	<b>124,007.409</b>	<b>114.3975</b>	<b>359.755</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Entity Emissions | Total in metric tons of gas

Scope 1 - Direct Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Stationary Combustion	1,058.38915	1,055.73179	0.09746	0.00197	0	0	0	0
Mobile Combustion	6,552.8857	6,451.137	0.4386	0.29851	0	0	0	0
Fugitive	356.03625	0	0	0	318.03525	0	0	0.00159
<b>Total</b>	<b>7,967.3111</b>	<b>7,506.86879</b>	<b>0.53606</b>	<b>0.30048</b>	<b>318.03525</b>	<b>0</b>	<b>0</b>	<b>0.00159</b>

Scope 2 - Market Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Purchased Electricity - Market Based	124,481.5615	124,007.409	5.4475	1.1605	0	0	0	0
<b>Total</b>	124,481.5615	124,007.409	5.4475	1.1605	0	0	0	0

### Simplified Estimation Methods (SEMs)

	Total Estimated CO <sub>2</sub> e (t)	Total Emissions (t of CO <sub>2</sub> e)	Estimated CO <sub>2</sub> e as a Percentage of Total*
Location Based	0	0	N/A
Market Based	275.11821	132,448.8726	0.20771653589749%

\*Total based on scope 1, scope 2 & biomass emissions