

Metropolitan Water District of  
Southern California

## Summary Report - Control (Public)

## Complete Inventory 2013

**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	1,131.07658	1,128.21543	2.20395	0.6572	0	0	0	0
Mobile Combustion	6,586.46685	6,496.85	8.59215	81.0247	0	0	0	0
Fugitive	102.21459	0	0	0	67.55959	0	0	34.655
<b>Total</b>	<b>7,819.75802</b>	<b>7,625.06543</b>	<b>10.7961</b>	<b>81.6819</b>	<b>67.55959</b>	<b>0</b>	<b>0</b>	<b>34.655</b>
<b>NetTotal</b>	<b>7,819.75802</b>	<b>7,625.06543</b>	<b>10.7961</b>	<b>81.6819</b>	<b>67.55959</b>	<b>0</b>	<b>0</b>	<b>34.655</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	236,344.4641	235,394.035	230.5254	719.9037	0	0	0	0
<b>Total</b>	<b>236,344.4641</b>	<b>235,394.035</b>	<b>230.5254</b>	<b>719.9037</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>NetTotal</b>	<b>236,344.4641</b>	<b>235,394.035</b>	<b>230.5254</b>	<b>719.9037</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	1,131.07658	1,128.21543	0.10495	0.00212	0	0	0	0
Mobile Combustion	6,586.46685	6,496.85	0.40915	0.26137	0	0	0	0
Fugitive	102.21459	0	0	0	67.55959	0	0	0.00145
<b>Total</b>	<b>7,819.75802</b>	<b>7,625.06543</b>	<b>0.5141</b>	<b>0.26349</b>	<b>67.55959</b>	<b>0</b>	<b>0</b>	<b>0.00145</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	236,344.4641	235,394.035	10.9774	2.32227	0	0	0	0
<b>Total</b>	236,344.4641	235,394.035	10.9774	2.32227	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	87.18001	244,164.22212	0.0357054810254524%

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