

San Lorenzo Valley Water District

North American Summary Report - Control (Public)

Complete Inventory 2017

Description: The San Lorenzo Valley Water District (SLVWD) is an independent special district supplying water to approximately 22,500 people on the Central Coast. SLVWD utilizes both surface water and ground water sources. SLVWD also owns and operates a wastewater treatment facility, serving 56 houses.

Industry: 22 - Utilities

Address: 13060 Highway 9
Boulder Creek, California US

Contact:
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Website: SLVWD.COM

Reporting Information

Reporting Protocol: General Reporting Protocol 2.1 and associated updates and clarifications

GWP Standard: AR5

Base Year:

Consolidation Methodology: Operational Control Only

Status: TCR Accepted

Verification Information

Verification Body: Cameron-Cole, LLC

Level of Assurance: Reasonable

Entity Emissions | Total in metric tons of CO₂e

Scope 1 - Direct Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t of CO ₂ e)	N ₂ O (t of CO ₂ e)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t of CO ₂ e)	SF ₆ (t of CO ₂ e)
Stationary Combustion	17.015301	16.942226	0.05419	0.018885	0	0	0	0
Mobile Combustion	173.37254	173.37049	0.000421	0.001629	0	0	0	0
Process	0.839808	0.304	0.276108	0.2597	0	0	0	0
Total	191.227649	190.616716	0.330719	0.280214	0	0	0	0
NetTotal	191.227649	190.616716	0.330719	0.280214	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t of CO ₂ e)	N ₂ O (t of CO ₂ e)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t of CO ₂ e)	SF ₆ (t of CO ₂ e)
Purchased Electricity - Location Based	347.042029	345.742629	0.605164	0.694236	0	0	0	0
Total	347.042029	345.742629	0.605164	0.694236	0	0	0	0
NetTotal	347.042029	345.742629	0.605164	0.694236	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t of CO ₂ e)	N ₂ O (t of CO ₂ e)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t of CO ₂ e)	SF ₆ (t of CO ₂ e)
Purchased Electricity - Market Based	193.63552	192.33612	0.605164	0.694236	0	0	0	0
Total	193.63552	192.33612	0.605164	0.694236	0	0	0	0
NetTotal	193.63552	192.33612	0.605164	0.694236	0	0	0	0

Entity Emissions | Total in metric tons of gas

Scope 1 - Direct Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t)	N ₂ O (t)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t)	SF ₆ (t)
Stationary Combustion	17.015301	16.942226	0.001935	0.000071	0	0	0	0
Mobile Combustion	173.37254	173.37049	0.000015	0.000006	0	0	0	0
Process	0.839808	0.304	0.009861	0.00098	0	0	0	0
Total	191.227649	190.616716	0.011811	0.001057	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t)	N ₂ O (t)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t)	SF ₆ (t)
Purchased Electricity - Location Based	347.042029	345.742629	0.021613	0.00262	0	0	0	0
Total	347.042029	345.742629	0.021613	0.00262	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t)	N ₂ O (t)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t)	SF ₆ (t)
Purchased Electricity - Market Based	193.63552	192.33612	0.021613	0.00262	0	0	0	0
Total	193.63552	192.33612	0.021613	0.00262	0	0	0	0

Simplified Estimation Methods (SEMs)

	Total Estimated CO ₂ e (t)	Total Emissions (t of CO ₂ e)	Estimated CO ₂ e as a Percentage of Total*
Location Based	5.10321	538.269678	0.948076804434186%
Market Based	5.10321	384.863169	1.32598034051411%

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