

Description:

Industry: 22 - Utilities

Address: 404 Aviation Blvd. Contact: www.scwa.ca.gov/

Reporting Information

Inventory Type Complete
Reporting Protocol: GRP 3.0
GWP Standard: AR5
Base Year:
Scope 2 method N/A - No Base Year reported
Reporting Year Type Calendar 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 CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Stationary Combustion - Scope 1	259.759416	258.939335	0.439381	0.3807	0	0	0	0
Mobile Combustion - Scope 1	1,017.025154	1,012.063803	0.872436	4.088915	0	0	0	0
Process - Scope 1	612.149999	0	0	612.149999	0	0	0	0
Fugitive - Scope 1	143.946872	0	58.14774	0	85.799132	0	0	0
Total	2,032.881441	1,271.003138	59.459557	616.619614	85.799132	0	0	0
Applied Offsets								
Net Total	2,032.881441							

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Purchased Electricity - Location Based - Scope 2	8,706.447402	8,673.316541	14.647328	18.483533	0	0	0	0
Total	8,706.447402	8,673.316541	14.647328	18.483533	0	0	0	0
Applied Offsets								
Net Total	8,706.447402							

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Purchased Electricity - Market Based - Scope 2	81.604642	77.79404	1.801907	2.008695	0	0	0	0
Total	81.604642	77.79404	1.801907	2.008695	0	0	0	0
Applied Offsets								

Net Total	81.604642
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Direct Emissions - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Mobile Biomass Combustion - Biomass	20.587045	20.587045	0	0	0	0	0	0
Total	20.587045	20.587045	0	0	0	0	0	0
Applied Offsets								
Net Total	20.587045							

Entity Emissions | Total in metric tons of gas

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	259.759416	258.939335	0.015678	0.001427	0	0	0	0
Mobile Combustion - Scope 1	1,017.025154	1,012.063803	0.031149	0.015415	0	0	0	0
Process - Scope 1	612.149999	0	0	2.31	0	0	0	0
Fugitive - Scope 1	143.946872	0	2.076705	0	85.799132	0	0	0
Total	2,032.881441	1,271.003138	2.123532	2.326842	85.799132	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	8,706.447402	8,673.316541	0.52311	0.069737	0	0	0	0
Total	8,706.447402	8,673.316541	0.52311	0.069737	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	81.604642	77.79404	0.064346	0.007571	0	0	0	0
Total	81.604642	77.79404	0.064346	0.007571	0	0	0	0

Direct Emissions - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Mobile Biomass Combustion - Biomass	20.587045	20.587045	0	0	0	0	0	0
Total	20.587045	20.587045	0	0	0	0	0	0

Simplified Estimation Methods (SEMs)

	Total Estimated CO2e (t)	Total Emissions (t of CO2e)	Estimated CO2e as a Percentage of Total*
Location-based	48	10,760	0.45%
Market-based	48	2,136	2.25%

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

Facility Emissions | 204 Wholesale Water Office

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
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Stationary Combustion - Scope 1	0.532181	0.5306	0.000047	0.000001	0	0	0	0
Fugitive - Scope 1	0	0	0	0	0	0	0	0
Total	0.532181	0.5306	0.000047	0.000001	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	75.574186	75.286603	0.00454	0.000605	0	0	0	0
Total	75.574186	75.286603	0.00454	0.000605	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	6.49517	6.190635	0.005146	0.000605	0	0	0	0
Total	6.49517	6.190635	0.005146	0.000605	0	0	0	0

Facility Emissions | 404 Administrative Office

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	97.523444	97.233723	0.008612	0.000183	0	0	0	0
Fugitive - Scope 1	5.885909	0	0	0	5.885909	0	0	0

Total	103.409353	97.233723	0.008612	0.000183	5.885909	0	0	0
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Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	163.807958	163.184616	0.009842	0.001312	0	0	0	0
Total	163.807958	163.184616	0.009842	0.001312	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	14.078362	13.418276	0.011154	0.001312	0	0	0	0
Total	14.078362	13.418276	0.011154	0.001312	0	0	0	0

Facility Emissions | Groundwater Well: Occidental Production Well

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	1.033868	1.029935	0.000062	0.000008	0	0	0	0
Total	1.033868	1.029935	0.000062	0.000008	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0

Total	0	0	0	0	0	0	0	0	0
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Facility Emissions | Groundwater Well: Sebastopol Production Well

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	0.26142	0.260427	0.000015	0.000002	0	0	0	0
Total	0.26142	0.260427	0.000015	0.000002	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Facility Emissions | Groundwater Well: Todd Production Well

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	1.850538	1.843497	0.000111	0.000014	0	0	0	0
Total	1.850538	1.843497	0.000111	0.000014	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Facility Emissions | Occidental Pump Station

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	0.770313	0.767792	0.000031	0.000006	0	0	0	0
Total	0.770313	0.767792	0.000031	0.000006	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	21.07006	20.989882	0.001265	0.000168	0	0	0	0
Total	21.07006	20.989882	0.001265	0.000168	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	1.810851	1.725947	0.001434	0.000168	0	0	0	0
Total	1.810851	1.725947	0.001434	0.000168	0	0	0	0

Facility Emissions | Penngrove lift station

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	0.048144	0.047987	0.000001	0	0	0	0	0
Total	0.048144	0.047987	0.000001	0	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	9.037392	9.003002	0.000543	0.000072	0	0	0	0
Total	9.037392	9.003002	0.000543	0.000072	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	0.776712	0.740295	0.000615	0.000072	0	0	0	0
Total	0.776712	0.740295	0.000615	0.000072	0	0	0	0

Facility Emissions | Penngrove Lift Station

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	0.048144	0.047987	0.000001	0	0	0	0	0
Total	0.048144	0.047987	0.000001	0	0	0	0	0

Facility Emissions | pH & Chlorination Facility

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	18.31672	18.24702	0.0011	0.000146	0	0	0	0
Total	18.31672	18.24702	0.0011	0.000146	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Facility Emissions | Pipeline Valve Stations

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	1.451932	1.446408	0.000087	0.000011	0	0	0	0
Total	1.451932	1.446408	0.000087	0.000011	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	0.124784	0.118934	0.000098	0.000011	0	0	0	0
Total	0.124784	0.118934	0.000098	0.000011	0	0	0	0

Facility Emissions | Stream Gauge

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	0.237393	0.236491	0.000014	0.000001	0	0	0	0
Total	0.237393	0.236491	0.000014	0.000001	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
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Purchased Electricity - Market Based - Scope 2	0.020401	0.019446	0.000016	0.000001	0	0	0	0
Total	0.020401	0.019446	0.000016	0.000001	0	0	0	0

Facility Emissions | Transmission system accessories

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	3.341718	3.329003	0.0002	0.000026	0	0	0	0
Total	3.341718	3.329003	0.0002	0.000026	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	0.2872	0.273735	0.000227	0.000026	0	0	0	0
Total	0.2872	0.273735	0.000227	0.000026	0	0	0	0

Facility Emissions | Vehicle Fleet

Equity share - 100.00 | Entity controls the facility emissions - Yes

Direct Emissions - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Mobile Biomass Combustion - Biomass	20.587045	20.587045	0	0	0	0	0	0

Total	20.587045	20.587045	0	0	0	0	0	0
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Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Mobile Combustion - Scope 1	1,017.025154	1,012.063803	0.031149	0.015415	0	0	0	0
Fugitive - Scope 1	71.369999	0	0	0	71.369999	0	0	0
Total	1,088.395153	1,012.063803	0.031149	0.015415	71.369999	0	0	0

Facility Emissions | Warm Springs Hydroelectric Power Plant

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	9.485636	9.449541	0.000569	0.000075	0	0	0	0
Total	9.485636	9.449541	0.000569	0.000075	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	1.101495	1.0654	0.000569	0.000075	0	0	0	0
Total	1.101495	1.0654	0.000569	0.000075	0	0	0	0

Facility Emissions | Wastewater: Airport Wastewater Treatment Plant

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	5.335143	5.315566	0.000282	0.000043	0	0	0	0
Process - Scope 1	90.1	0	0	0.34	0	0	0	0
Fugitive - Scope 1	55.836274	0	1.910343	0	2.34667	0	0	0
Total	151.271417	5.315566	1.910625	0.340043	2.34667	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	510.00208	508.061356	0.030643	0.004085	0	0	0	0
Total	510.00208	508.061356	0.030643	0.004085	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	43.831782	41.776657	0.034728	0.004085	0	0	0	0
Total	43.831782	41.776657	0.034728	0.004085	0	0	0	0

Facility Emissions | Wastewater: Geyserville Treatment Plant

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	0.062014	0.061776	0.000002	0	0	0	0	0
Process - Scope 1	21.2	0	0	0.08	0	0	0	0
Total	21.262014	0.061776	0.000002	0.08	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	22.259797	22.175093	0.001337	0.000178	0	0	0	0
Total	22.259797	22.175093	0.001337	0.000178	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	1.913102	1.823404	0.001515	0.000178	0	0	0	0
Total	1.913102	1.823404	0.001515	0.000178	0	0	0	0

Facility Emissions | Wastewater: Russian River Wastewater Treatment Plant

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
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Stationary Combustion - Scope 1	8.805555	8.776733	0.000354	0.00007	0	0	0	0
Process - Scope 1	68.9	0	0	0.26	0	0	0	0
Total	77.705555	8.776733	0.000354	0.26007	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	312.0602	310.872709	0.018749	0.002499	0	0	0	0
Total	312.0602	310.872709	0.018749	0.002499	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	4.639885	4.422337	0.003676	0.000432	0	0	0	0
Total	4.639885	4.422337	0.003676	0.000432	0	0	0	0

Facility Emissions | Wastewater: Sea Ranch Central Sanitation Zone

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Process - Scope 1	23.849999	0	0	0.09	0	0	0	0
Total	23.849999	0	0	0.09	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	57.690487	57.470957	0.003466	0.000462	0	0	0	0
Total	57.690487	57.470957	0.003466	0.000462	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	4.958168	4.725697	0.003928	0.000462	0	0	0	0
Total	4.958168	4.725697	0.003928	0.000462	0	0	0	0

Facility Emissions | Wastewater: Sonoma Valley Wastewater Treatment Plant

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	60.00697	59.813243	0.002853	0.000428	0	0	0	0
Process - Scope 1	408.1	0	0	1.54	0	0	0	0
Fugitive - Scope 1	4.658136	0	0.166362	0	0	0	0	0
Total	472.765106	59.813243	0.169215	1.540428	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
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Purchased Electricity - Location Based - Scope 2	1,114.761631	1,110.519599	0.066979	0.00893	0	0	0	0
Total	1,114.761631	1,110.519599	0.066979	0.00893	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	0.04064	0.038736	0.000032	0.000003	0	0	0	0
Total	0.04064	0.038736	0.000032	0.000003	0	0	0	0

Facility Emissions | Water Supply Booster Pump Stations

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	23.551931	23.474832	0.000951	0.00019	0	0	0	0
Total	23.551931	23.474832	0.000951	0.00019	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	1,007.948341	1,004.112768	0.060561	0.008074	0	0	0	0
Total	1,007.948341	1,004.112768	0.060561	0.008074	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
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Purchased Electricity - Market Based - Scope 2	0.064716	0.061683	0.000051	0.000006	0	0	0	0
Total	0.064716	0.061683	0.000051	0.000006	0	0	0	0

Facility Emissions | Water Tanks

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	5.51183	5.490857	0.000331	0.000044	0	0	0	0
Total	5.51183	5.490857	0.000331	0.000044	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	0.333697	0.318052	0.000264	0.000031	0	0	0	0
Total	0.333697	0.318052	0.000264	0.000031	0	0	0	0

Facility Emissions | Westside Facility

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Fugitive - Scope 1	1.878682	0	0	0	1.878682	0	0	0

Total	1.878682	0	0	0	1.878682	0	0	0
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Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	8.772864	8.739481	0.000527	0.00007	0	0	0	0
Total	8.772864	8.739481	0.000527	0.00007	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	0.753976	0.718626	0.000597	0.00007	0	0	0	0
Total	0.753976	0.718626	0.000597	0.00007	0	0	0	0

Facility Emissions | Wohler - Mirabel Diversion Facility

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	63.075577	62.869096	0.002544	0.000506	0	0	0	0
Fugitive - Scope 1	4.317872	0	0	0	4.317872	0	0	0
Total	67.393449	62.869096	0.002544	0.000506	4.317872	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
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Purchased Electricity - Location Based - Scope 2	5,361.971351	5,341.567296	0.322169	0.042955	0	0	0	0
Total	5,361.971351	5,341.567296	0.322169	0.042955	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	0.373701	0.35618	0.000296	0.000034	0	0	0	0
Total	0.373701	0.35618	0.000296	0.000034	0	0	0	0