Valley Water
Large Landscape Program
2025 Annual Report

Valley Water

Clean Water • Healthy Environment • Flood Protection

Participating Retail Water Agencies:

City of Gilroy

City of Milpitas

City of Morgan Hill

City of Mountain View

City of Palo Alto

City of Santa Clara

City of Sunnyvale

San José Municipal Water System

San Jose Water Company

May 31, 2026

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Waterfluence

Summary

Since 2014, Waterfluence has partnered with Valley Water and its participating retail water suppliers to improve irrigation efficiency at landscape sites. The number of retail water suppliers in the program has increased over time. In 2025, nine of 13 retail water suppliers within Valley Water's service area participated in this program including the cities of Gilroy, Milpitas, Morgan Hill, Mountain View, Palo Alto, Santa Clara, Sunnyvale, and the San José Municipal Water System and San Jose Water Company. These retail water suppliers serve 91% of Valley Water's 1.9 million service population.

The number of landscape sites in the program from each retailer has also increased over time. Prior to 2021, Valley Water included only the largest sites exceeding 1,000 hundred cubic feet (CCF) of irrigation per year. In 2021, Valley Water lowered the threshold to 500 CCF, and in 2023, lowered it again to 200 CCF. In 2025, in part to assist retailers with new California regulatory laws, Valley Water removed all thresholds and Waterfluence now monitors 100% of dedicated irrigation meters (DIM) for the nine retail suppliers.

This report summarizes Valley Water data aggregated over all nine retail suppliers for calendar year 2025. The appendices contain individual retail supplier summaries. Key summary points include:

- **Site Characteristics**. Valley Water has 6,433 landscape sites supplied by 8,989 DIM that used 24,748 acre-feet (AF) in 2025. For operational and regulatory reasons, we segment sites into three customer classifications: commercial, public, and residential.
- **Irrigated Acres**. We measure 8,165 acres of irrigated landscape at these sites. Measurements are continuously updated by customers and their stakeholders on our website, by on-site field inspections, and with automated machine learning techniques. We classify 51% of the landscape as turf, predominately associated with public sites such as parks, schools, and golf courses.
- **Overwatering.** We estimate overwatering to be 8,053 AF in 2025 or 33% of all applied water. This is equivalent to an average of 0.99 feet of water over all irrigated areas. Overwatering is higher with commercial and residential sites, smaller sites, and sites not using the Waterfluence website.
- **Regulatory Compliance**. Waterfluence supports retail suppliers with compliance reporting to comply with elements of two new California laws: *Making Water Conservation a California Way of Life* (SB 606 & AB 1668) and nonfunctional turf restrictions (AB 1572).
- **Water Trends.** Since 2012, overwatering has decreased by 37%.

About Waterfluence

Founded in 2003, Waterfluence partners with urban water agencies to reduce overwatering at landscape sites through monitoring, insights, and connection.

- **Monitoring.** For each site, we chart how actual water use compares to a budget benchmark. Actual water use comes from meter reads made for billing purposes (monthly or bimonthly). Budgeted water use is a function of site-specific characteristics (landscape areas, plant types, irrigation system) and real-time weather. We map landscape areas and then encourage stakeholders to edit the map online to improve its accuracy and to create a controller map to assist with irrigation operations. Where available, we also monitor hourly and daily water use.

- **Insights.** Monitored water data is channeled through algorithms to generate actionable recommendations. For targeted sites accepting additional help, our irrigation experts conduct on-site landscape field surveys to generate detailed diagnostics. When relevant, we encourage stakeholders to tap available rebates to offset improvement costs.

- **Connection.** Waterfluence is customer facing. Our website provides a centralized location for stakeholders to better understand, prioritize, communicate, and act on solutions toward the non-controversial goals of improving irrigation efficiency and landscape appearance. Irrigation sites frequently have multiple stakeholders such as property managers, property owners, HOA board members, in-house maintenance staff, and landscape contractors. Furthermore, these stakeholders are often associated with multiple sites in multiple communities. Our website provides a hub for stakeholders to securely access and interact with their portfolio of sites.

Site Characteristics

Waterfluence monitors 100% of the dedicated irrigation meters (DIM) from the nine participating water retailers. This totals 8,989 DIMs at 6,433 landscape sites irrigating 8,165 acres. Overwatering equals 8,053 AF of a total 24,748 AF applied in calendar 2025 (33%).

Customer Classification and Site Size

We segment sites into three customer classifications: commercial, public, and residential. Commercial includes offices, retail shopping centers, industrial, and all other non-public or non-residential sites. Public includes parks, schools, streetscapes, golf courses, and cemeteries. Residential includes apartments and homeowner associations (HOAs). The purpose of this segmentation is both operational and regulatory. Commercial and residential landscapes are commonly managed by landscape contractors while public landscapes are commonly managed by in-house maintenance staff. Residential sites have different

regulatory reporting in California. Valley Water has 50%, 23%, and 27% of its sites defined by us as commercial, public, and residential respectively.

We also segment sites into three increments of site size: less than 1 acre, between 1 and 3 acres, and over 3 acres. Site size correlates strongly with efficiency and operational metrics.

Dedicated Irrigation Meters

Calendar Year 2025

Description		Commercial	Public	Residential	Total
Number of Meters		**3,793**	**2,154**	**3,042**	**8,989**
Number of Sites		**3,204**	**1,478**	**1,751**	**6,433**
Regulatory	*Special Landscape*	491	768	126	1,385
	Nonfunctional Turf	1,455	21	931	2,407
Irrigated Acres		**2,494**	**3,639**	**2,031**	**8,165**
Site Average		0.78	2.46	1.16	1.27
Site Size	*< 1 Acre*	851	218	462	1,532
	1-3 Acres	889	477	718	2,083
	>3 Acres	754	2,944	852	4,550
Landscape	*Turf*	634	2,926	623	4,183
	Shrub	1,853	683	1,387	3,923
	Water Features	7	30	21	58
Regulatory	*Special Landscape*	719	3,413	248	4,380
	Nonfunctional Turf	399	6	422	827
Water Applied Acre-Feet		**8,751**	**8,763**	**7,234**	**24,748**
Site Size	*< 1 Acre*	3,310	678	2,332	6,320
	1-3 Acres	3,092	1,152	2,626	6,870
	>3 Acres	2,349	6,932	2,276	11,557
Source	*Potable*	6,039	4,973	6,122	17,133
	Non-Potable	2,712	3,790	1,113	7,615
Water Average Applied Feet		**3.51**	**2.41**	**3.56**	**3.03**
Site Size	*< 1 Acre*	3.89	3.11	5.05	4.13
	1-3 Acres	3.48	2.42	3.66	3.30
	>3 Acres	3.11	2.35	2.67	2.54
Overwater Applied Acre-Feet		**3,952**	**1,198**	**2,904**	**8,053**
Site Size	*< 1 Acre*	1,775	360	1,158	3,293
	1-3 Acres	1,351	250	1,143	2,743
	>3 Acres	826	588	603	2,017
Overwater Average Applied Feet		**1.58**	**0.33**	**1.43**	**0.99**
Site Size	*< 1 Acre*	2.08	1.65	2.51	2.15
	1-3 Acres	1.52	0.52	1.59	1.32
	>3 Acres	1.09	0.20	0.71	0.44

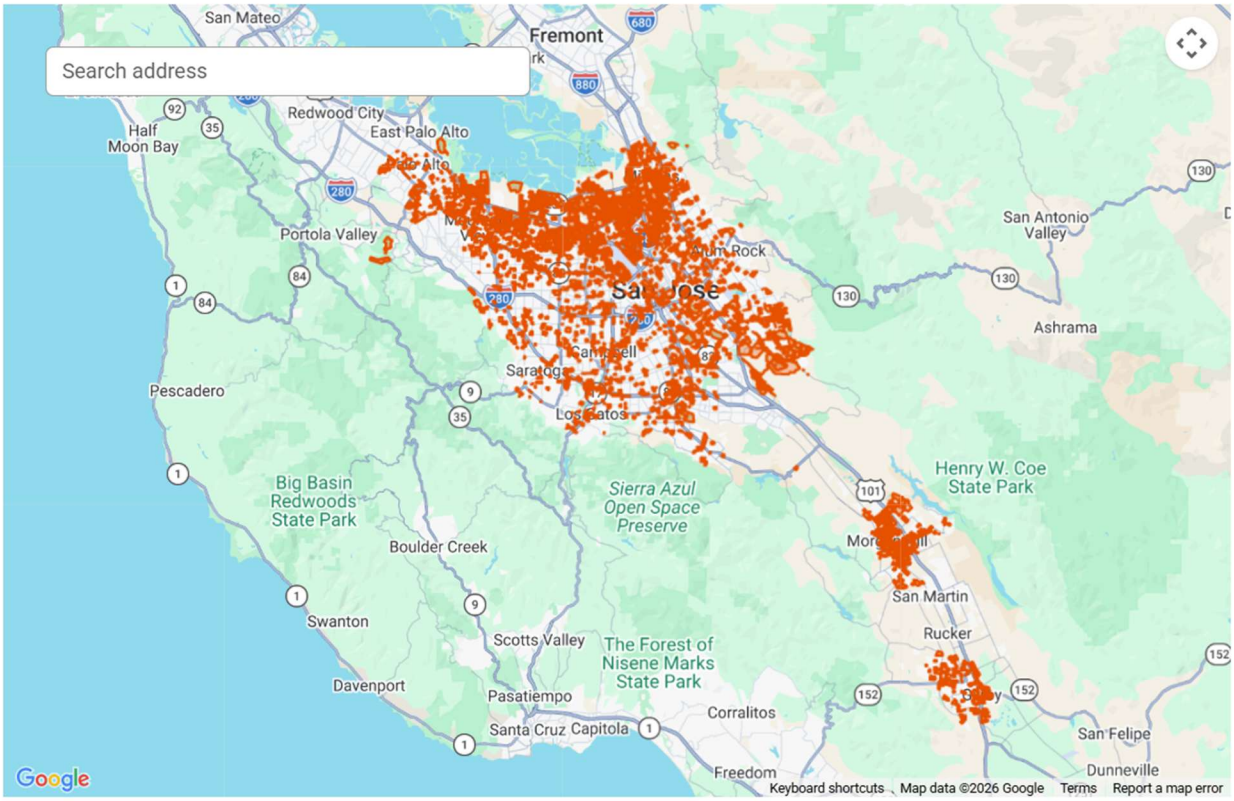
Irrigated Acres

Waterfluence staff measured the irrigated areas at each site when entering the program based on aerial imagery and Street View on the Google Earth platform. We define irrigated areas as the irrigated planting beds with in-ground irrigation systems. Irrigated areas are classified as turf, shrub (e.g., groundcovers, shrubs, and trees), or water features (e.g., pools, ponds, fountains). We factor in multiple imagery layers taken in different seasons (winter and summer) and ground level images by Street View to determine areas masked under mature tree canopy. For quality control, we factor in historical water use to identify and address outliers where the depth of water applied is not realistic; we flag such sites for additional investigation.

Landscape maps update over time in three ways:

- **Stakeholders**. The Waterfluence website both displays and allows users to edit their landscape maps online. This proves invaluable as the people maintaining a landscape are in the best position to improve map accuracy. Starting in 2024, users can create controller maps on the Waterfluence website denoting the irrigated area associated with each irrigation zone. Accurate controller maps facilitate efficient irrigation operations.
- **Landscape Field Surveys**. To resolve complex mapping unknowns, we also perform landscape field surveys. This entails sending an irrigation expert to visit a site and turn on the irrigation system to refine the landscape map. Mapping is only one part of the scope of a field survey, but it sometimes is the only way to resolve facts on the ground.
- **Automated Machine Learning**. Starting in 2025, Waterfluence uses automated machine learning (ML) techniques to detect changes in landscape classification. Waterfluence integrates with the Google Earth Engine platform using four-band (red, green, blue, and near infrared) high resolution imagery. This approach speeds detecting and updating changes in landscape areas over time, such as turf replacements.

Valley Water retailers have 8,165 acres of irrigated landscape where 31%, 44% and 25% are associated with commercial, public and residential sites respectively. Large sites dominate, where 56% of total acres are with sites with over 3 acres of landscape. We classify 51% of the landscape as turf, predominately associated with public sites such as parks, schools, and golf courses. We are continuously updating these landscape area estimates; the areas shown in this report are as of April 1, 2026.



Water Applied

Valley Water retailers applied 24,748 AF of water in 2025. Water comes from retailer water meters used for billing purposes. Potable water is 69% and non-potable (recycled) water 31% of the total.

Dividing water applied by irrigated acres provides average depth of water applied. The average water applied is 3.03 feet in 2025. Commercial and residential sites applied more water, 3.51 and 3.56 feet respectively, than public sites at 2.41 feet. Smaller sites also applied a greater depth of water.

Overwatering

Waterfluence creates water budgets for each site based on their site characteristics and daily weather. Our key performance indicator (KPI) is to reduce overwatering. The total volume of overwatering summed over all monthly records and all sites is 8,053 AF for 2025. This is 33% of total water applied.

The average depth of overwatering is 0.99 feet over all landscape. Overwatering is higher at commercial and residential sites, 1.58 and 1.43 feet respectively, than public sites at 0.33 feet. Overwatering is also higher at smaller sites. Larger sites tend to be managed with greater operational oversight and irrigation efficiency.

Overwatering varies significantly among sites. Specifically, 749 acres overwater by more than 3 feet in 2025; these acres comprise 9% of total acres but 53% of total overwatering. Waterfluence identifies and targets these low performing sites with additional engagement, landscape field survey offers, and availability of Valley Water financial assistance programs.

Irrigated Acres by Depth of Overwatering

Calendar Year 2025

Description		Irrigated Acres	% of Acres	Overwater AF	% of Overwater
Totals		**8,165**	**100%**	**8,053**	**100%**
Overwater	*0*	2,112	26%	0	0%
	0 to 1 Feet	3,843	47%	1,230	15%
	1 to 2 Feet	983	12%	1,395	17%
	2 to 3 Feet	478	6%	1,176	15%
	>3 Feet	749	9%	4,252	53%

Regulatory Compliance

Waterfluence assists retail water suppliers with elements of two relatively new pieces of State of California legislation. *Making Water Conservation a California Way of Life* (SB 606 & AB 1668), was signed into law in 2018 and establishes a new framework for long-term water conservation and drought planning. One of the key requirements for water suppliers is to measure irrigated areas associated with commercial, industrial, and institutional (CII) DIM sites. CII is equivalent to the sum of our commercial and public classifications. Since we have measured 100% of CII DIM landscapes, retailers can report their irrigated area totals (contained in the appendices) to the state as our mapping process has been approved by the State Water Resources Control Board.

A portion of the total irrigated areas are identified as special landscape areas (SLA) as defined by the California Code of Regulations Title 23 Section 969. SLA includes CII DIM irrigable areas associated with edible plants, recreational areas, areas irrigated with recycled water, slopes designed and constructed with live vegetation as an integral component of stability, ponds or lakes receiving supplemental water, botanical gardens, swimming pools and similar recreational water features, and cemeteries built before 2015. SLA gets favorable treatment within the legislation.

Another key requirement regards identifying and reporting landscapes exceeding 0.5 acres supplied by CII mixed use meters (MUMs). MUMs provide water for both indoor and outdoor purposes. Waterfluence assisted the cities of Morgan Hill, Mountain View, and Palo Alto with this task identifying 81 MUM sites with 162 irrigated acres (see appendices). Residential accounts are not included in this MUM requirement.

Mixed Use Meters

Calendar Year 2025

Description	Commercial	Public	Residential	Total
Number of Sites	56	25	NA	81
Irrigated Acres	85	77	NA	162
Water Acre-Feet	261	166	NA	427
Water Average Applied Feet	3.07	2.17	NA	2.64

The second piece of legislation, California's AB 1572, was signed into law in 2023 and prohibits irrigating nonfunctional turf (NFT) at governmental sites by January 1, 2027, commercial sites by January 1, 2028, and homeowner associations by January 1, 2029. Turf irrigation can continue where:

- Recycled water is used.
- Applied to cemeteries or recreational areas such as sports fields, golf courses, playgrounds, picnic grounds, or pet exercise areas.
- Necessary to ensure the health of trees and other perennial non-turf plantings, or to the extent necessary to address an immediate health and safety need.

We currently estimate up to 399 acres of commercial and 422 acres of residential NFT may be impacted. This is an upper bound and assumes all commercial and residential (HOA) turf irrigated by potable water is NFT; exemptions will lower these NFT acreages as they are determined. Some public turf areas may also be determined as NFT. Updated NFT estimates will be shown in next year's report.

Waterfluence has a NFT classification to its online landscape maps to inform site stakeholders about the new NFT requirements and to assist water suppliers with exemptions and NFT enforcement.

Stakeholder Engagement

Waterfluence encourages account holders to interact with their site information on our website. Onboarding tactics include leveraging: 1) account holder billing information, 2) the network effect when stakeholders have multiple sites within Waterfluence, 3) the landscape contractor community, and 4) interactions with account holders with other water efficiency programs. Account holders can add additional stakeholders associated with landscape irrigation at each site including property managers, property owners, HOA board members, in-house maintenance staff, and landscape contractors.

Waterfluence focuses stakeholder engagement on larger sites. For regulatory compliance completeness, Valley Water added 1,503 small DIM sites using less than 200 CCF per year to the program. Waterfluence does minimal outreach to these sites at a lower program cost to Valley Water.

Each month, Waterfluence imports billing data from suppliers and notifies stakeholders when new water information is available for viewing. In 2025, 43% of landscape area at targeted sites was viewed online by at least one stakeholder. Sites actively engaged with Waterfluence had lower overwatering.

Customer Engagement

Calendar Year 2025

Description	Commercial	Public	Residential	Total
Irrigated Acres	**2,272**	**3,432**	**1,891**	**7,595**
Offline	59%	58%	54%	57%
Online	41%	42%	46%	43%
Overwater Average Applied Feet	**1.66**	**0.31**	**1.36**	**0.98**
Offline	1.70	0.32	1.50	1.02
Online	1.60	0.30	1.19	0.91

The Waterfluence website also serves as a channel of hourly water use measured by advanced metering infrastructure (AMI). Along with leak alerts, the website communicates irrigation centric insights related to day spikes, midday irrigation, and number of irrigation days-per-week. In 2025, Milpitas and Palo Alto integrated their AMI data with Waterfluence for their program sites.

Landscape Field Surveys

Valley Water targets landscape field surveys at sites in most need of additional help. The account holder at pre-approved sites can accept a field survey offer from the Waterfluence website or request a field survey via the Valley Water website. The survey is free to sites and consists of an irrigation expert visiting the site to gather in-depth diagnostics and provide recommendations to improve efficiency. Field surveys complement water use monitoring by troubleshooting complicated irrigation issues and improving the accuracy of water budget inputs with “boots-on-the-ground” observations. In 2024-25, 21 sites received a field survey. Between 2014-15 and 2024-25, 309 sites received a field survey covering 811.7 irrigated acres.

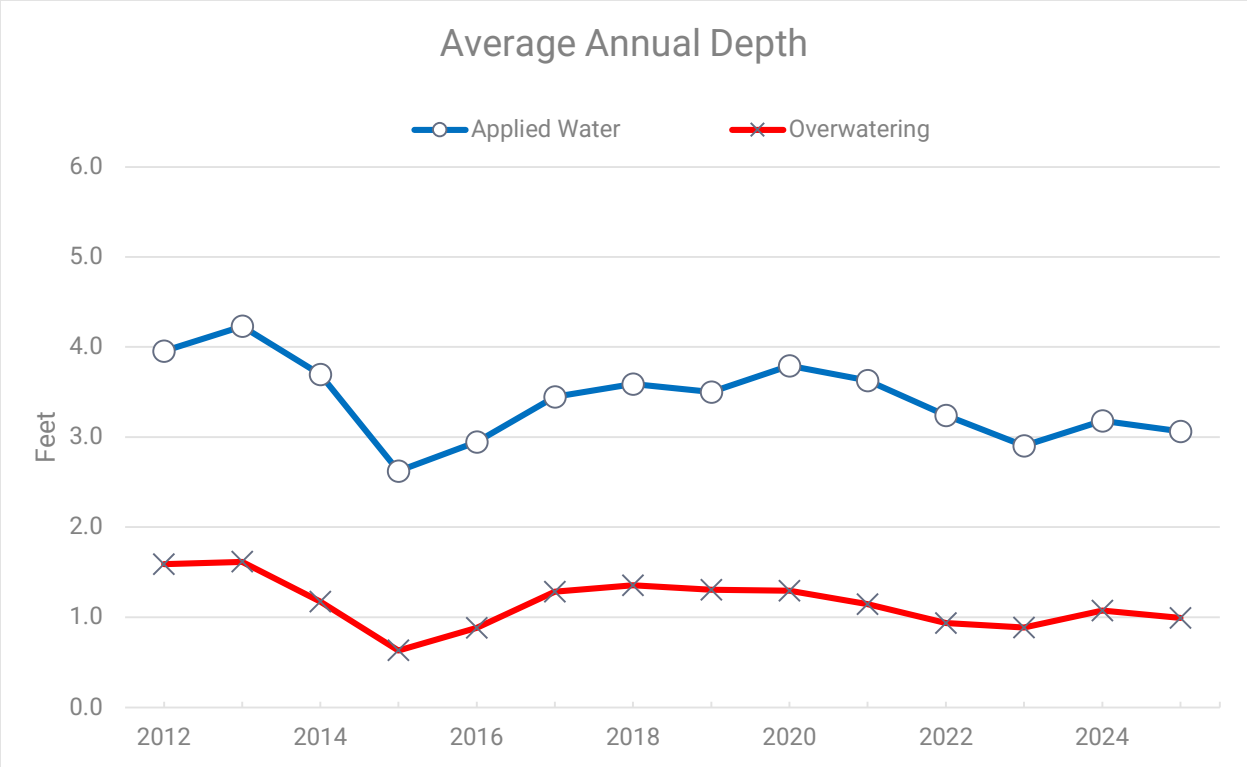
Landscape Field Surveys

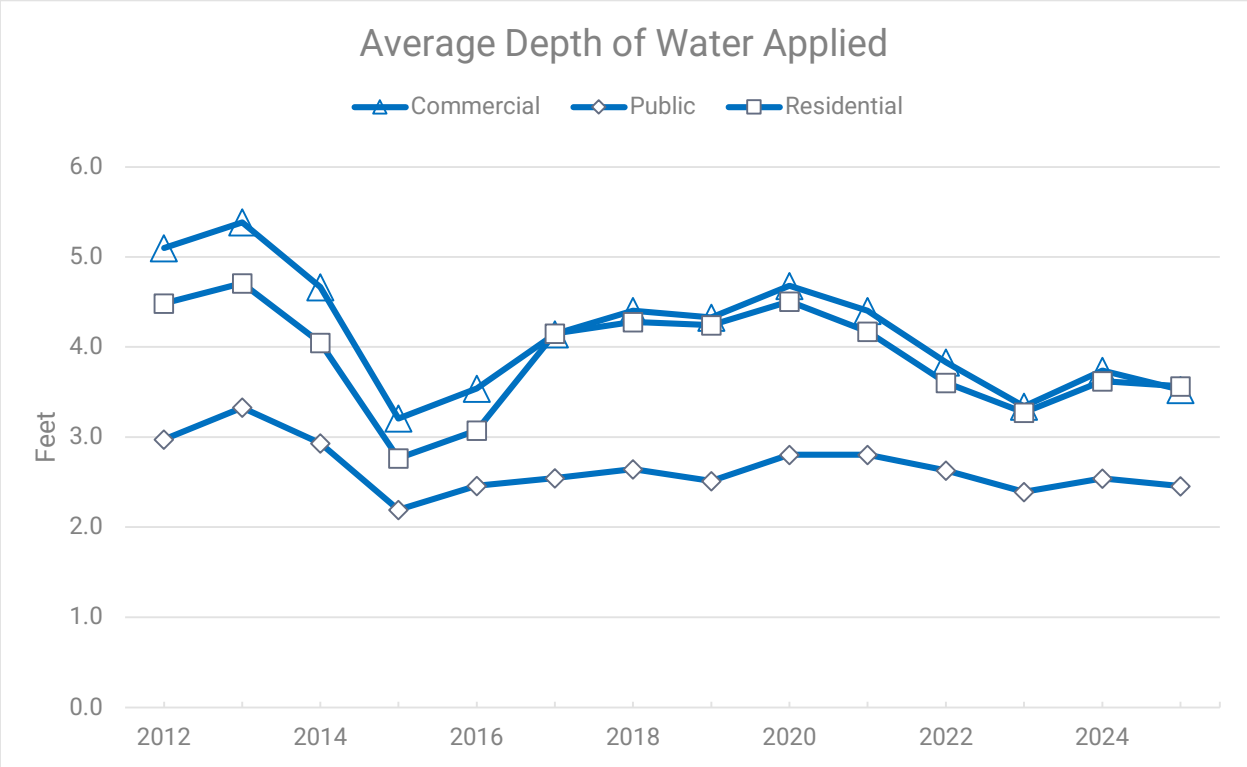
Year	Survey Count	Acres
2014-15	12	28.3
2015-16	29	91.2
2016-17	25	55.8
2017-18	44	87.8
2018-19	28	164.4
2019-20	36	139.7
2020-21	27	44.2
2021-22	35	52.6
2022-23	23	41.4
2023-24	29	44.5
2024-25	21	62.0
Grand Total	**309**	**811.7**

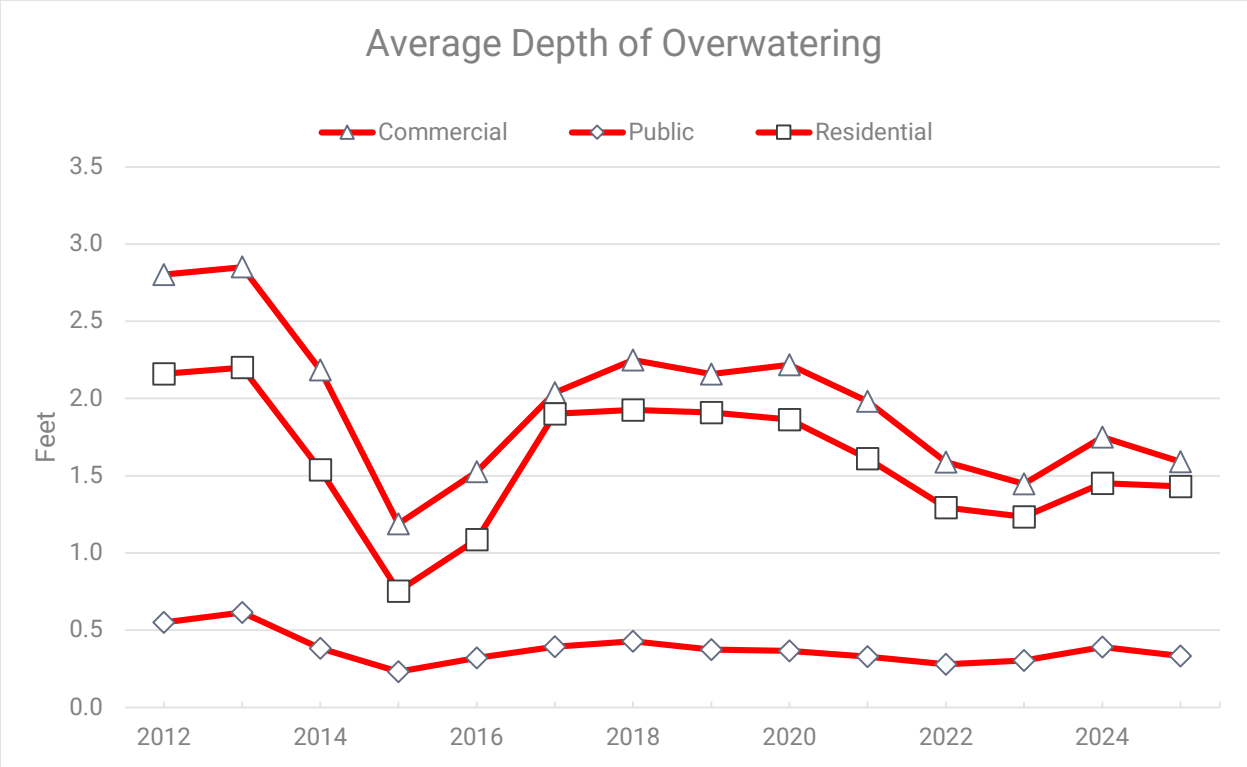
Water Trends

Landscape irrigation is trending downward. Since 2012ver the last 15 years, the average annual depth of water applied dropped from 3.95 feet to 3.06 feet, a 23% reduction. Water applied dropped dramatically during the 2015-16 statewide drought, rebounded, and since 2020 is down 19%.

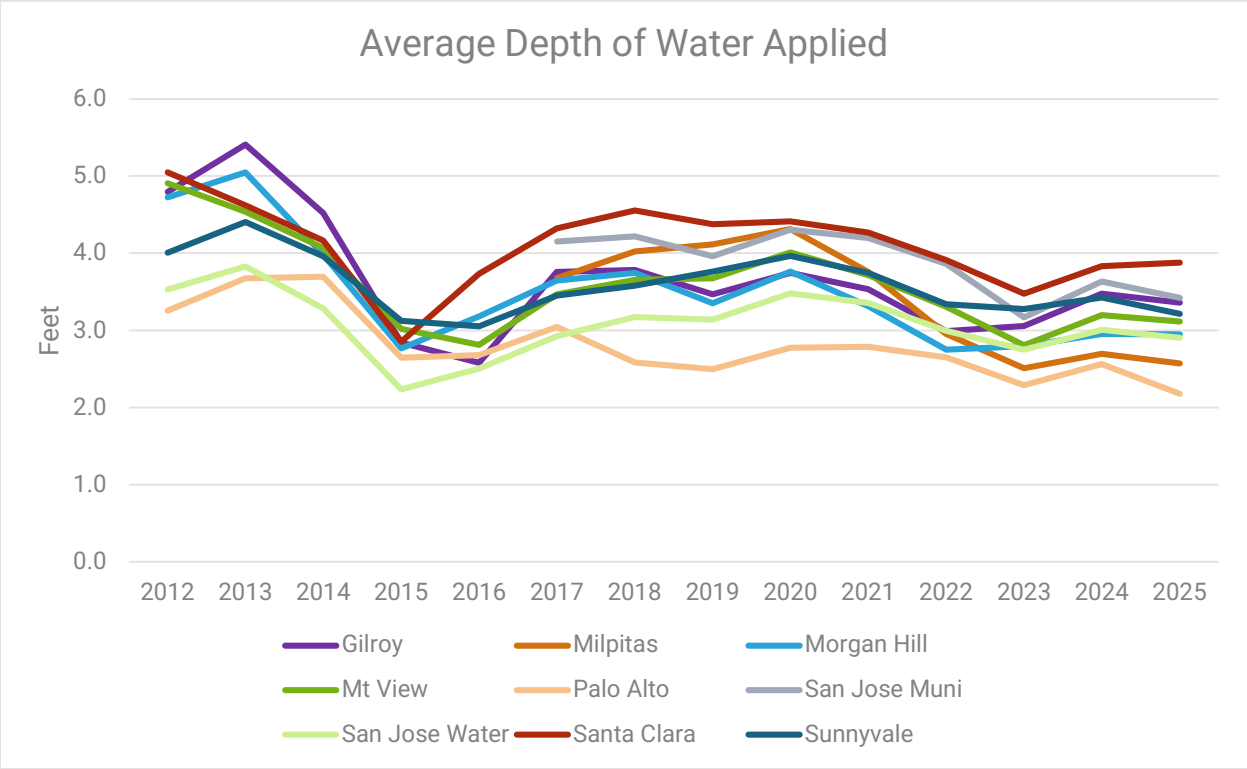
The average annual depth of overwatering shows similar patterns. Since 2012, overwatering has dropped 37%, and since 2020 by 23%. The downward trend is undoubtedly caused by many factors such as higher water costs, improved irrigation technology, migration towards native and lower-water using plants, and Valley Water assistance programs, such as this one. The downward pattern is consistent among commercial, public, and residential sites.

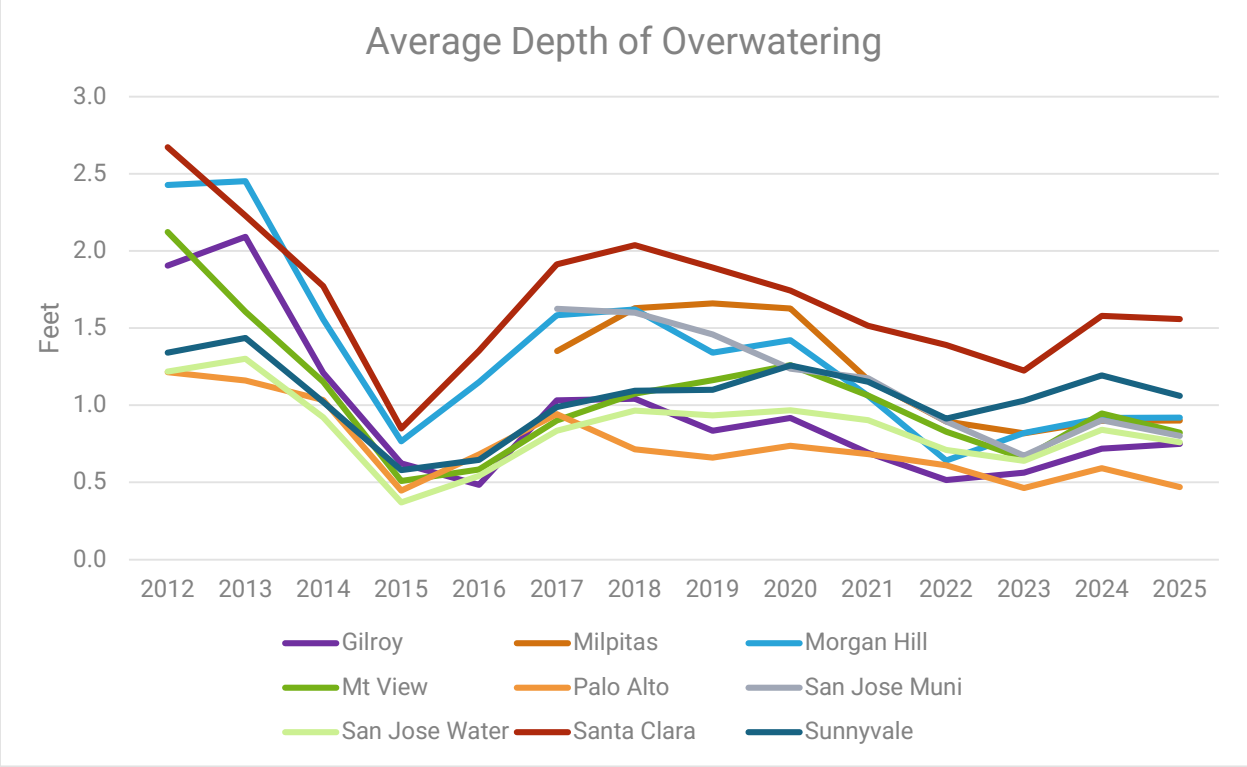

Average Annual Depth
Applied Water
Overwatering
6.0
5.0
4.0
3.0
2.0
1.0
0.0
Feet
2012
2014
2016
2018
2020
2022
2024


Average Depth of Water Applied
Commercial
Public
Residential
6.0
5.0
4.0
3.0
2.0
1.0
0.0
Feet
2012
2014
2016
2018
2020
2022
2024


Average Depth of Overwatering
Commercial
Public
Residential
Feet
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
2012
2014
2016
2018
2020
2022
2024

All retailers have exhibited the same general water applied and overwatering patterns. The Appendices contains summary statistics for individual retail water suppliers.



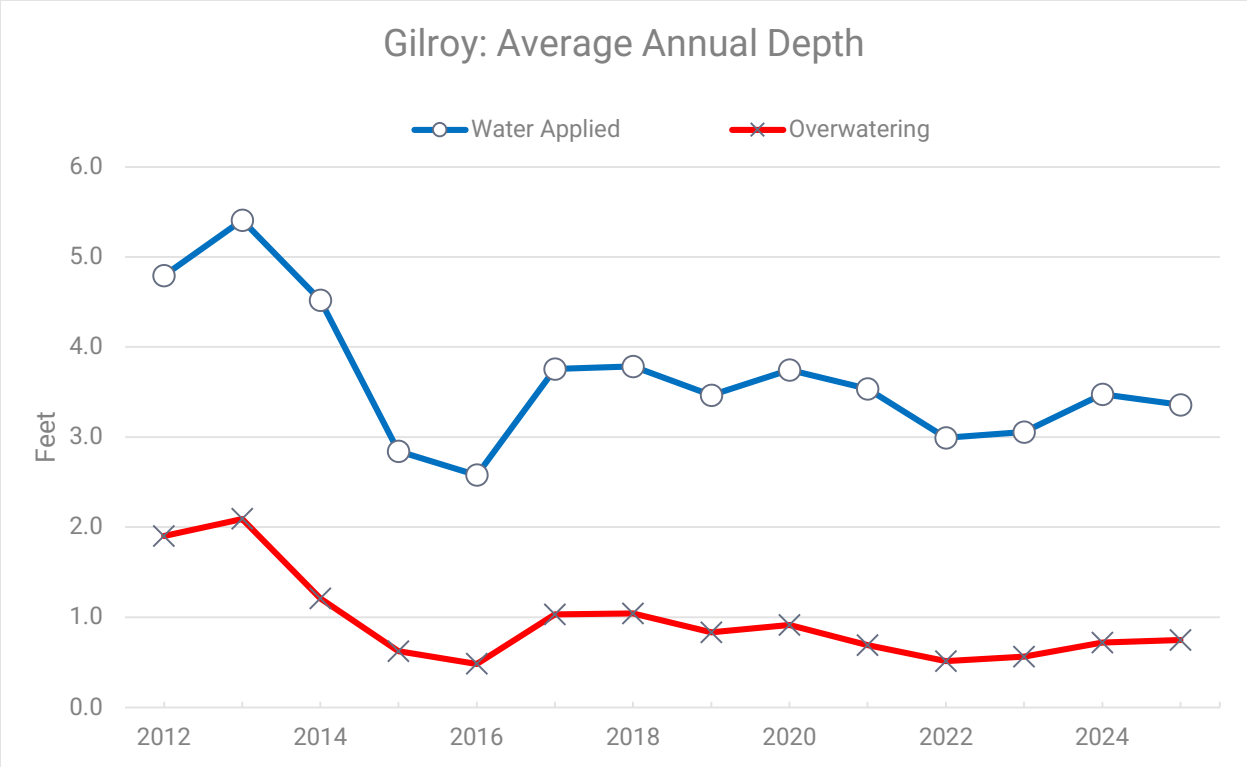


Appendix A: Gilroy

Dedicated Irrigation Meters

Calendar Year 2025

Description		Commercial	Public	Residential	Total
Number of Meters		**301**	**86**	**194**	**581**
Number of Sites		**271**	**68**	**96**	**435**
Regulatory	*Special Landscape*	0	29	0	29
	Nonfunctional Turf	129	0	50	179
Irrigated Acres		**81**	**100**	**68**	**249**
Site Average		0.30	1.46	0.71	0.57
Site Size	*< 1 Acre*	54	7	26	87
	1-3 Acres	27	23	29	80
	>3 Acres	0	69	13	82
Landscape	*Turf*	20	81	19	119
	Shrub	62	19	49	129
	Water Features	0	0	0	1
Regulatory	*Special Landscape*	0	95	0	95
	Nonfunctional Turf	20	0	17	37
Water Applied Acre-Feet		**270**	**237**	**329**	**836**
Site Size	*< 1 Acre*	185	21	202	408
	1-3 Acres	84	70	97	251
	>3 Acres	0	147	31	177
Source	*Potable*	270	237	329	836
	Non-Potable	0	0	0	0
Water Average Applied Feet		**3.31**	**2.38**	**4.84**	**3.36**
Site Size	*< 1 Acre*	3.42	2.93	7.75	4.67
	1-3 Acres	3.10	2.97	3.33	3.15
	>3 Acres		2.13	2.40	2.17
Overwater Applied Acre-Feet		**130**	**34**	**77**	**241**
Site Size	*< 1 Acre*	93	9	33	135
	1-3 Acres	37	20	39	96
	>3 Acres	0	4	5	10
Overwater Average Applied Feet		**1.59**	**0.34**	**1.13**	**0.97**
Site Size	*< 1 Acre*	1.71	1.30	1.26	1.55
	1-3 Acres	1.35	0.87	1.33	1.21
	>3 Acres		0.06	0.41	0.12



Mixed Use Meters

Calendar Year 2025

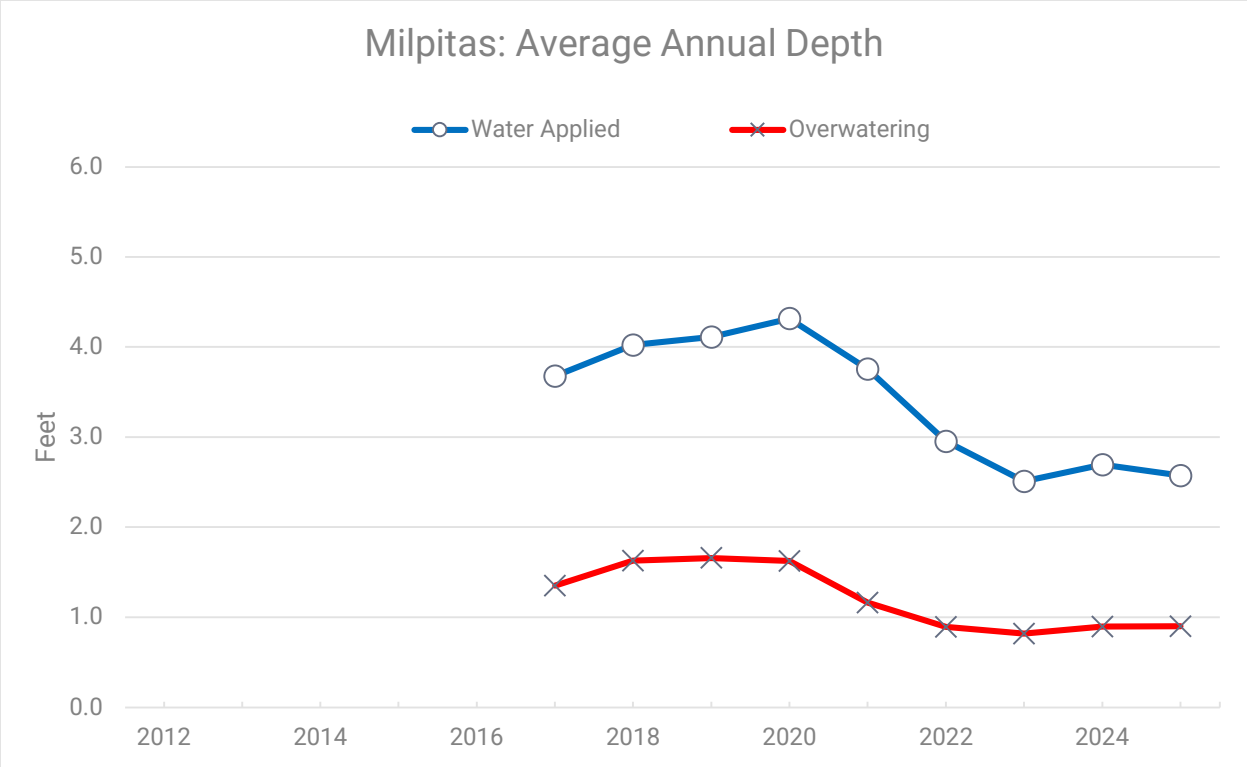
Description	Commercial	Public	Residential	Total
Number of Sites	0	0	NA	0
Irrigated Acres	0	0	NA	0
Water Acre-Feet	0	0	NA	0
Water Average Applied Feet			NA	

Appendix B: Milpitas

Dedicated Irrigation Meters

Calendar Year 2025

Description		Commercial	Public	Residential	Total
Number of Meters		**423**	**201**	**169**	**793**
Number of Sites		**349**	**141**	**94**	**584**
Regulatory	*Special Landscape*	117	73	22	212
	Nonfunctional Turf	157	0	50	207
Irrigated Acres		**274**	**190**	**110**	**574**
Site Average		0.79	1.35	1.17	0.98
Site Size	*< 1 Acre*	119	26	29	174
	1-3 Acres	70	43	59	172
	>3 Acres	85	122	22	228
Landscape	*Turf*	78	134	29	241
	Shrub	196	56	80	332
	Water Features	1	0	1	1
Regulatory	*Special Landscape*	163	171	27	361
	Nonfunctional Turf	30	0	22	53
Water Applied Acre-Feet		**716**	**382**	**377**	**1,475**
Site Size	*< 1 Acre*	351	136	131	618
	1-3 Acres	197	111	184	492
	>3 Acres	167	135	62	365
Source	*Potable*	283	159	224	667
	Non-Potable	432	223	154	808
Water Average Applied Feet		**2.61**	**2.01**	**3.43**	**2.57**
Site Size	*< 1 Acre*	2.95	5.23	4.53	3.55
	1-3 Acres	2.80	2.59	3.11	2.86
	>3 Acres	1.98	1.11	2.84	1.60
Overwater Applied Acre-Feet		**262**	**155**	**188**	**605**
Site Size	*< 1 Acre*	159	115	87	361
	1-3 Acres	72	29	81	182
	>3 Acres	31	12	20	62
Overwater Average Applied Feet		**0.96**	**0.82**	**1.71**	**1.05**
Site Size	*< 1 Acre*	1.34	4.42	3.02	2.08
	1-3 Acres	1.02	0.67	1.38	1.06
	>3 Acres	0.37	0.10	0.89	0.27



Mixed Use Meters

Calendar Year 2025

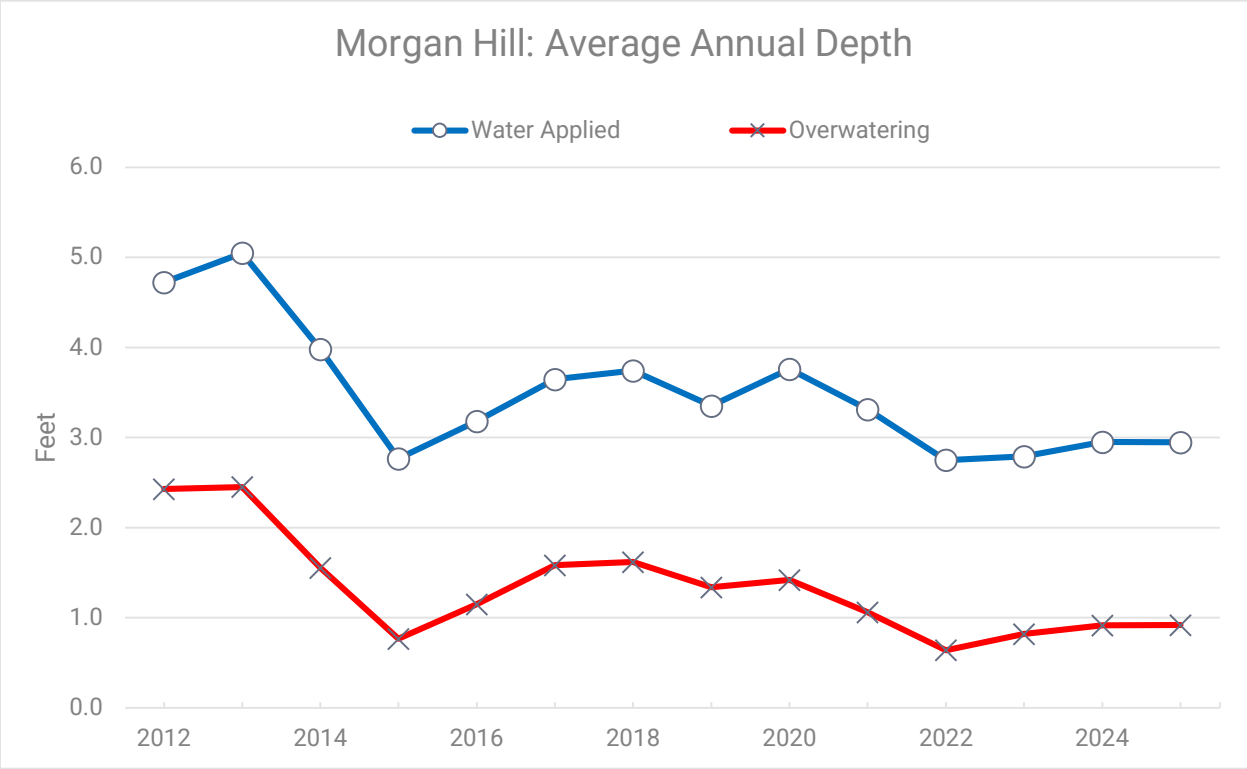
Description	Commercial	Public	Residential	Total
Number of Sites	0	0	NA	0
Irrigated Acres	0	0	NA	0
Water Acre-Feet	0	0	NA	0
Water Average Applied Feet			NA	

Appendix C: Morgan Hill

Dedicated Irrigation Meters

Calendar Year 2025

Description		Commercial	Public	Residential	Total
Number of Meters		**342**	**120**	**236**	**698**
Number of Sites		**294**	**104**	**122**	**520**
Regulatory	*Special Landscape*	0	53	0	53
	Nonfunctional Turf	30	6	14	50
Irrigated Acres		**171**	**86**	**133**	**390**
Site Average		0.58	0.83	1.09	0.75
Site Size	*< 1 Acre*	88	11	29	128
	1-3 Acres	37	24	67	128
	>3 Acres	46	51	37	134
Landscape	*Turf*	60	55	38	153
	Shrub	111	31	94	235
	Water Features	0	0	1	2
Regulatory	*Special Landscape*	0	83	0	83
	Nonfunctional Turf	3	0	2	6
Water Applied Acre-Feet		**435**	**248**	**466**	**1,150**
Site Size	*< 1 Acre*	296	50	100	446
	1-3 Acres	83	85	244	411
	>3 Acres	57	114	123	293
Source	*Potable*	435	248	466	1,150
	Non-Potable	435	248	466	1,150
Water Average Applied Feet		**2.54**	**2.88**	**3.51**	**2.95**
Site Size	*< 1 Acre*	3.37	4.50	3.49	3.50
	1-3 Acres	2.24	3.46	3.64	3.20
	>3 Acres	1.22	2.24	3.29	2.18
Overwater Applied Acre-Feet		**190**	**57**	**196**	**443**
Site Size	*< 1 Acre*	149	17	45	211
	1-3 Acres	26	25	102	153
	>3 Acres	15	15	49	80
Overwater Average Applied Feet		**1.11**	**0.66**	**1.48**	**1.14**
Site Size	*< 1 Acre*	1.69	1.53	1.58	1.65
	1-3 Acres	0.71	1.04	1.52	1.19
	>3 Acres	0.33	0.29	1.33	0.59



Mixed Use Meters

Calendar Year 2025

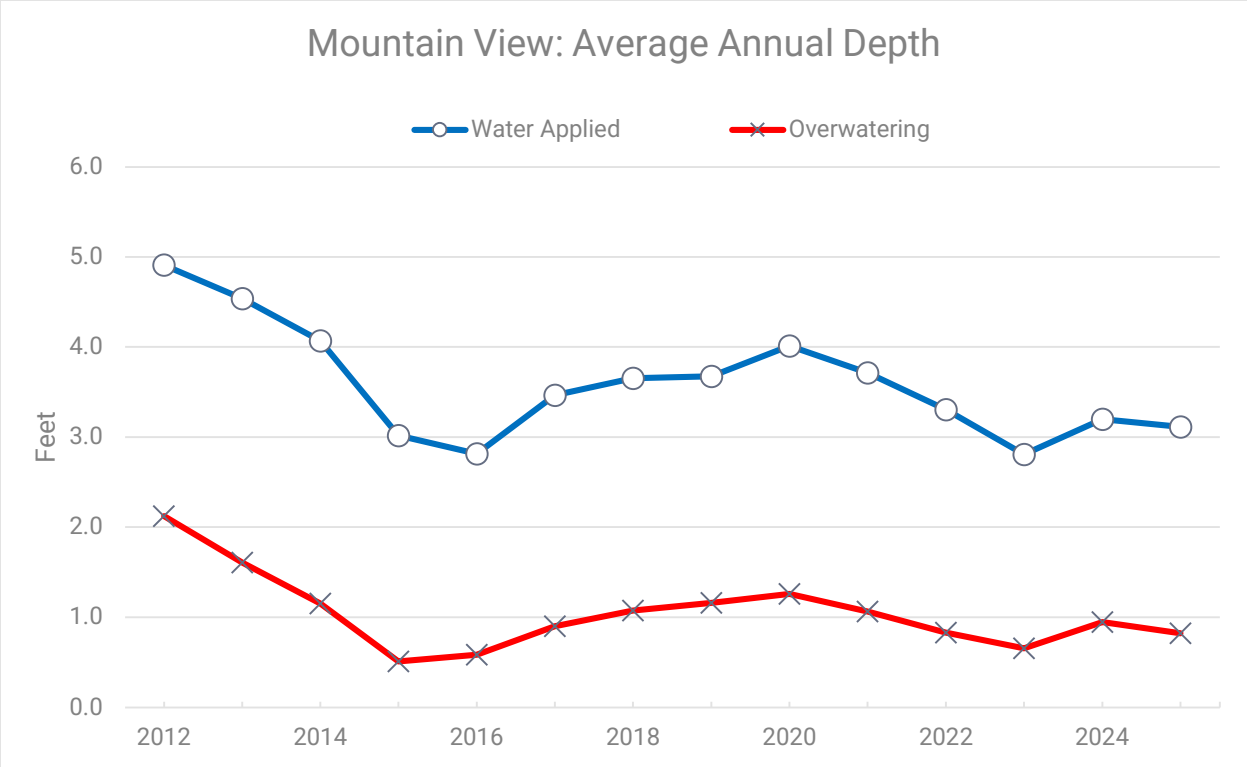
Description	Commercial	Public	Residential	Total
Number of Sites	2	1	NA	3
Irrigated Acres	1	2	NA	3
Water Acre-Feet	7	5	NA	12
Water Average Applied Feet			NA	

Appendix D: Mountain View

Dedicated Irrigation Meters

Calendar Year 2025

Description		Commercial	Public	Residential	Total
Number of Meters		**422**	**265**	**331**	**1,018**
Number of Sites		**338**	**238**	**235**	**811**
Regulatory	*Special Landscape*	28	77	2	107
	Nonfunctional Turf	167	0	134	301
Irrigated Acres		**274**	**267**	**144**	**685**
Site Average		0.81	1.12	0.61	0.84
Site Size	*< 1 Acre*	79	37	60	175
	1-3 Acres	84	29	52	165
	>3 Acres	112	201	32	345
Landscape	*Turf*	64	215	37	317
	Shrub	209	52	104	365
	Water Features	1	0	2	3
Regulatory	*Special Landscape*	60	239	0	299
	Nonfunctional Turf	48	0	32	80
Water Applied Acre-Feet		**932**	**676**	**522**	**2,131**
Site Size	*< 1 Acre*	281	83	246	610
	1-3 Acres	291	52	198	541
	>3 Acres	360	541	79	980
Source	*Potable*	736	305	522	1,563
	Non-Potable	196	371	1	568
Water Average Applied Feet		**3.40**	**2.53**	**3.64**	**3.11**
Site Size	*< 1 Acre*	3.58	2.27	4.08	3.48
	1-3 Acres	3.48	1.76	3.83	3.28
	>3 Acres	3.22	2.69	2.50	2.84
Overwater Applied Acre-Feet		**378**	**57**	**230**	**665**
Site Size	*< 1 Acre*	143	28	129	300
	1-3 Acres	118	5	82	205
	>3 Acres	117	23	19	160
Overwater Average Applied Feet		**1.38**	**0.21**	**1.61**	**0.97**
Site Size	*< 1 Acre*	1.82	0.77	2.14	1.71
	1-3 Acres	1.41	0.16	1.60	1.25
	>3 Acres	1.04	0.12	0.61	0.46



Mixed Use Meters

Calendar Year 2025

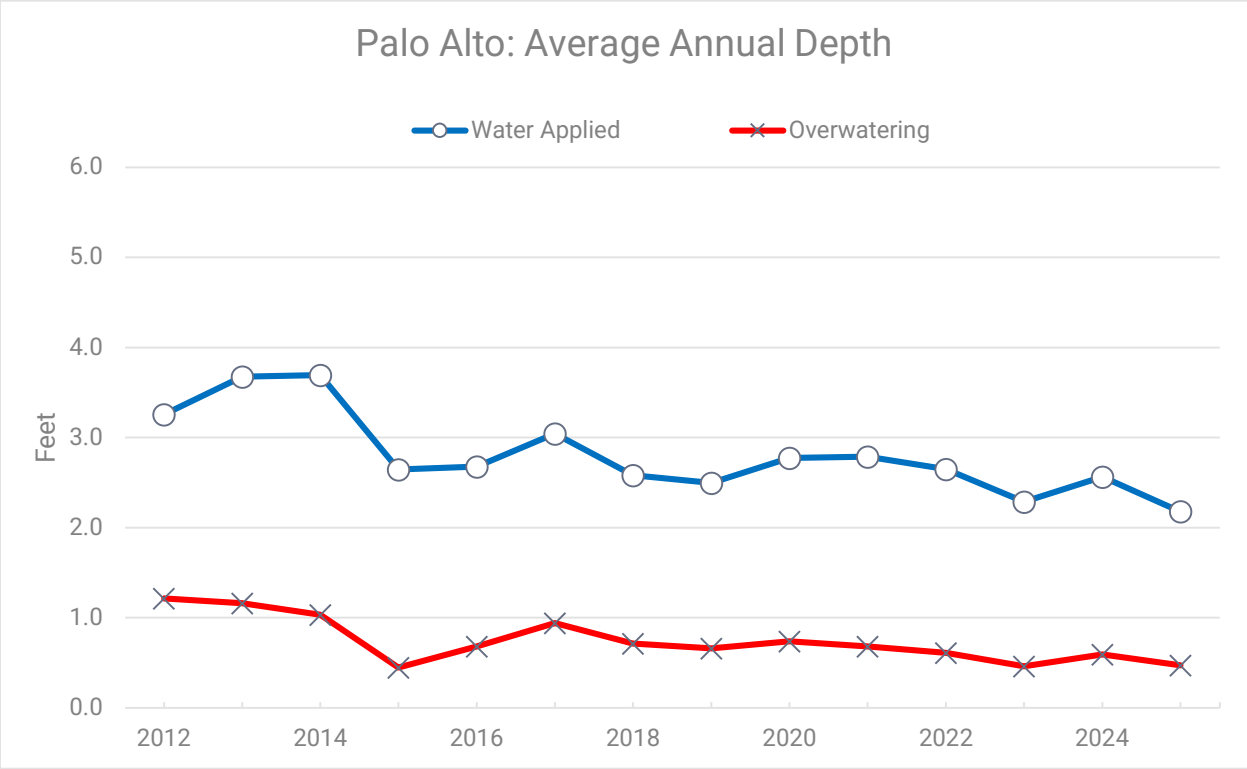
Description	Commercial	Public	Residential	Total
Number of Sites	13	3	NA	16
Irrigated Acres	9	19	NA	29
Water Acre-Feet	48	48	NA	96
Water Average Applied Feet			NA	

Appendix E: Palo Alto

Dedicated Irrigation Meters

Calendar Year 2025

Description		Commercial	Public	Residential	Total
Number of Meters		**274**	**111**	**68**	**453**
Number of Sites		**255**	**104**	**49**	**408**
Regulatory	*Special Landscape*	1	38	0	39
	Nonfunctional Turf	89	0	19	108
Irrigated Acres		**176**	**278**	**31**	**484**
Site Average		0.69	2.67	0.62	1.19
Site Size	*< 1 Acre*	41	11	12	63
	1-3 Acres	50	28	15	94
	>3 Acres	85	239	3	327
Landscape	*Turf*	30	241	5	276
	Shrub	145	36	26	206
	Water Features	2	0	0	2
Regulatory	*Special Landscape*	0	269	0	270
	Nonfunctional Turf	30	0	3	33
Water Applied Acre-Feet		**489**	**451**	**104**	**1,045**
Site Size	*< 1 Acre*	158	19	49	225
	1-3 Acres	153	62	50	266
	>3 Acres	178	371	5	554
Source	*Potable*	489	451	104	1,045
	Non-Potable	489	451	104	1,045
Water Average Applied Feet		**2.78**	**1.62**	**3.41**	**2.16**
Site Size	*< 1 Acre*	3.89	1.75	3.98	3.55
	1-3 Acres	3.04	2.19	3.32	2.83
	>3 Acres	2.10	1.55	1.67	1.70
Overwater Applied Acre-Feet		**206**	**46**	**52**	**303**
Site Size	*< 1 Acre*	92	8	25	124
	1-3 Acres	64	12	27	102
	>3 Acres	51	26	1	77
Overwater Average Applied Feet		**1.17**	**0.16**	**1.69**	**0.63**
Site Size	*< 1 Acre*	2.26	0.74	2.01	1.96
	1-3 Acres	1.26	0.42	1.76	1.09
	>3 Acres	0.60	0.11	0.19	0.24



Mixed Use Meters

Calendar Year 2025

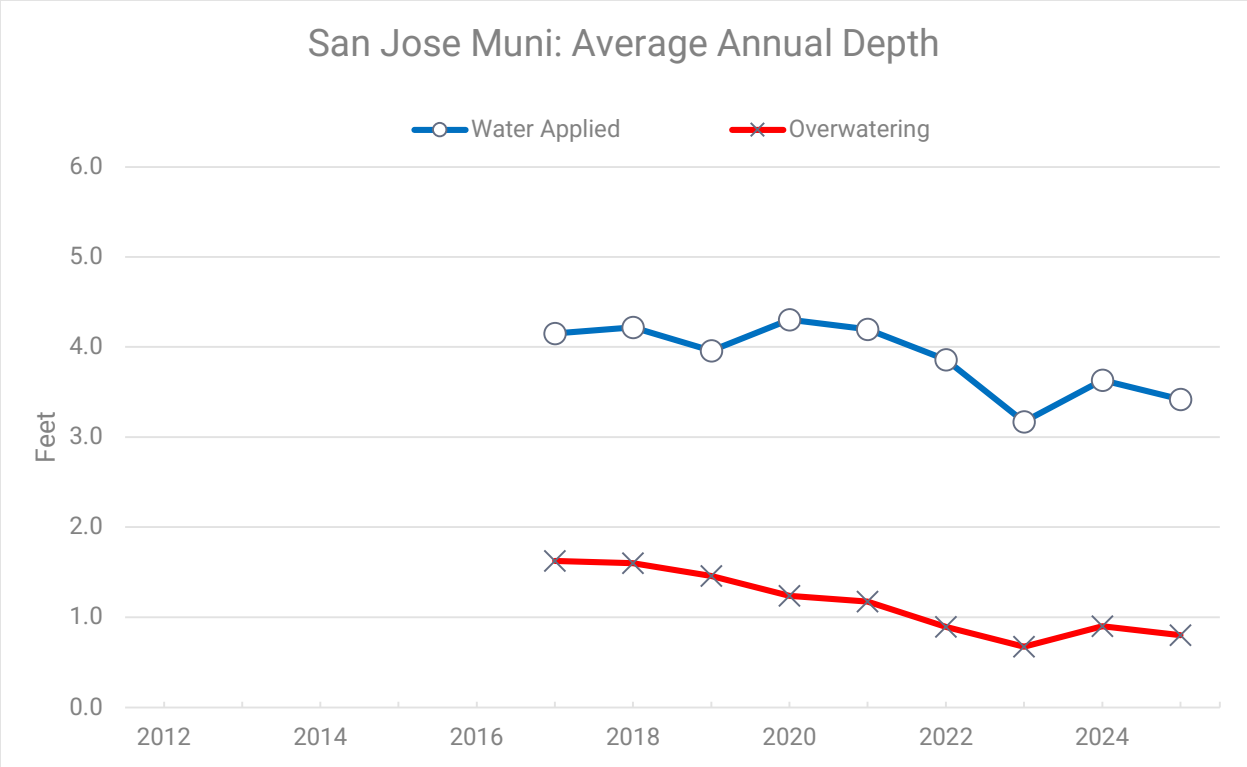
Description	Commercial	Public	Residential	Total
Number of Sites	41	21	NA	62
Irrigated Acres	74	55	NA	129
Water Acre-Feet	206	113	NA	319
Water Average Applied Feet	2.78	2.05	NA	2.47

Appendix F: San Jose Muni

Dedicated Irrigation Meters

Calendar Year 2025

Description		Commercial	Public	Residential	Total
Number of Meters		**329**	**246**	**350**	**925**
Number of Sites		**289**	**179**	**115**	**583**
Regulatory	*Special Landscape*	60	113	36	209
	Nonfunctional Turf	169	0	52	221
Irrigated Acres		**366**	**526**	**299**	**1,191**
Site Average		1.27	2.94	2.60	2.04
Site Size	*< 1 Acre*	76	47	27	149
	1-3 Acres	189	58	76	322
	>3 Acres	101	421	197	719
Landscape	*Turf*	86	415	100	601
	Shrub	280	98	195	572
	Water Features	0	13	4	18
Regulatory	*Special Landscape*	87	494	44	625
	Nonfunctional Turf	76	0	89	165
Water Applied Acre-Feet		**1,279**	**1,514**	**1,206**	**3,999**
Site Size	*< 1 Acre*	303	160	293	755
	1-3 Acres	630	168	339	1,137
	>3 Acres	347	1,185	574	2,107
Source	*Potable*	1,004	259	886	2,149
	Non-Potable	276	1,255	320	1,850
Water Average Applied Feet		**3.50**	**2.88**	**4.03**	**3.36**
Site Size	*< 1 Acre*	3.99	3.41	11.01	5.06
	1-3 Acres	3.34	2.92	4.48	3.53
	>3 Acres	3.43	2.81	2.91	2.93
Overwater Applied Acre-Feet		**525**	**192**	**401**	**1,117**
Site Size	*< 1 Acre*	158	72	107	337
	1-3 Acres	248	38	159	445
	>3 Acres	119	82	134	335
Overwater Average Applied Feet		**1.43**	**0.37**	**1.34**	**0.94**
Site Size	*< 1 Acre*	2.08	1.54	4.04	2.26
	1-3 Acres	1.31	0.65	2.11	1.38
	>3 Acres	1.18	0.20	0.68	0.47



Mixed Use Meters

Calendar Year 2025

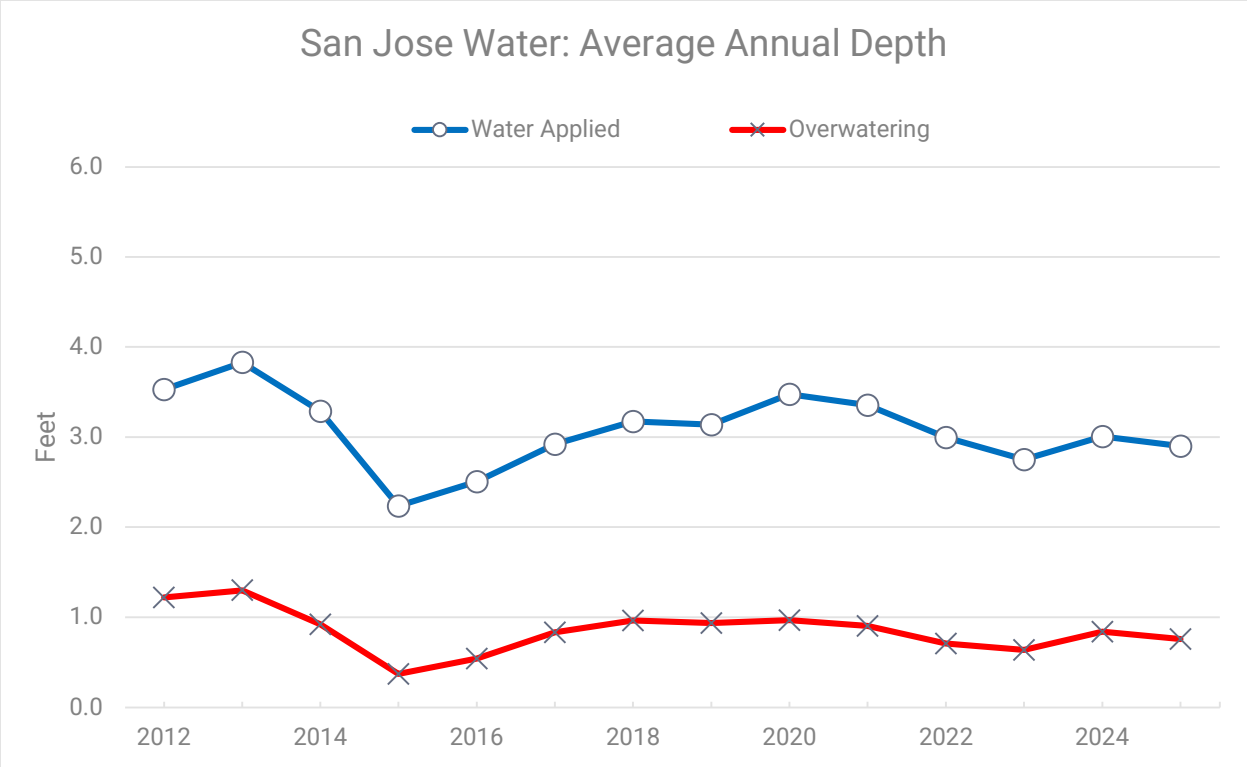
Description	Commercial	Public	Residential	Total
Number of Sites	0	0	NA	0
Irrigated Acres	0	0	NA	0
Water Acre-Feet	0	0	NA	0
Water Average Applied Feet			NA	

Appendix G: San Jose Water Company

Dedicated Irrigation Meters

Calendar Year 2025

Description		Commercial	Public	Residential	Total
Number of Meters		**741**	**624**	**1,213**	**2,578**
Number of Sites		**613**	**380**	**719**	**1,712**
Regulatory	*Special Landscape*	106	250	30	386
	Nonfunctional Turf	353	0	478	831
Irrigated Acres		**484**	**1,281**	**998**	**2,763**
Site Average		0.79	3.37	1.39	1.61
Site Size	*< 1 Acre*	196	47	204	447
	1-3 Acres	198	204	309	711
	>3 Acres	91	1,029	485	1,605
Landscape	*Turf*	123	1,015	333	1,471
	Shrub	359	262	656	1,278
	Water Features	2	4	9	15
Regulatory	*Special Landscape*	123	1,179	119	1,421
	Nonfunctional Turf	90	0	228	318
Water Applied Acre-Feet		**1,845**	**2,909**	**3,076**	**7,830**
Site Size	*< 1 Acre*	888	119	897	1,904
	1-3 Acres	708	473	1,026	2,207
	>3 Acres	249	2,317	1,154	3,719
Source	*Potable*	1,329	1,652	2,785	5,766
	Non-Potable	516	1,257	292	2,064
Water Average Applied Feet		**3.81**	**2.27**	**3.08**	**2.83**
Site Size	*< 1 Acre*	4.54	2.52	4.39	4.26
	1-3 Acres	3.58	2.31	3.32	3.10
	>3 Acres	2.74	2.25	2.38	2.32
Overwater Applied Acre-Feet		**912**	**417**	**1,158**	**2,487**
Site Size	*< 1 Acre*	508	60	477	1,045
	1-3 Acres	318	103	405	825
	>3 Acres	87	254	276	617
Overwater Average Applied Feet		**1.89**	**0.33**	**1.16**	**0.90**
Site Size	*< 1 Acre*	2.59	1.28	2.33	2.34
	1-3 Acres	1.61	0.50	1.31	1.16
	>3 Acres	0.96	0.25	0.57	0.38



Mixed Use Meters

Calendar Year 2025

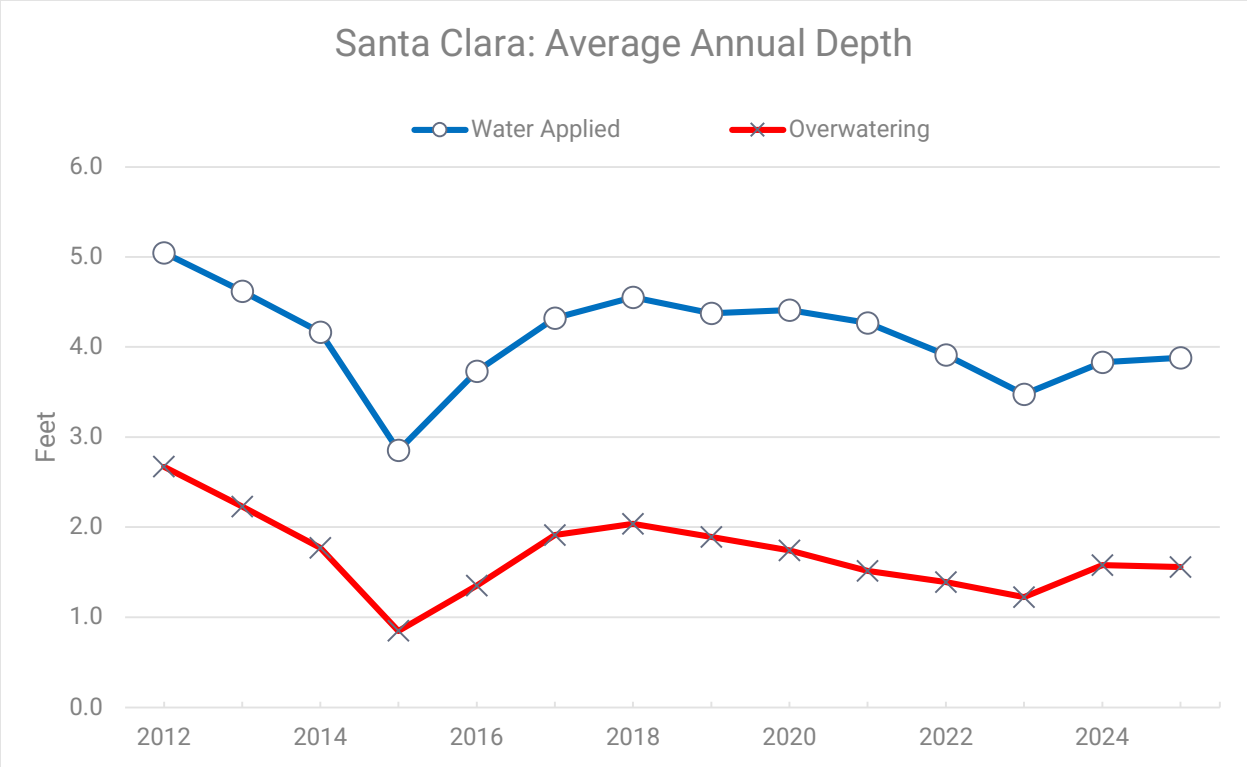
Description	Commercial	Public	Residential	Total
Number of Sites	0	0	NA	0
Irrigated Acres	0	0	NA	0
Water Acre-Feet	0	0	NA	0
Water Average Applied Feet			NA	

Appendix H: Santa Clara

Dedicated Irrigation Meters

Calendar Year 2025

Description		Commercial	Public	Residential	Total
Number of Meters		**484**	**216**	**222**	**922**
Number of Sites		**398**	**128**	**140**	**666**
Regulatory	*Special Landscape*	103	69	36	208
	Nonfunctional Turf	169	0	54	223
Irrigated Acres		**318**	**216**	**121**	**655**
Site Average		0.80	1.69	0.86	0.98
Site Size	*< 1 Acre*	91	18	33	142
	1-3 Acres	115	33	56	204
	>3 Acres	112	166	32	310
Landscape	*Turf*	86	169	34	289
	Shrub	231	47	85	364
	Water Features	1	0	2	3
Regulatory	*Special Landscape*	154	203	57	414
	Nonfunctional Turf	44	0	9	53
Water Applied Acre-Feet		**1,494**	**449**	**605**	**2,547**
Site Size	*< 1 Acre*	403	54	205	663
	1-3 Acres	520	77	254	851
	>3 Acres	571	318	145	1,034
Source	*Potable*	680	121	257	1,058
	Non-Potable	814	328	347	1,489
Water Average Applied Feet		**4.70**	**2.08**	**5.00**	**3.89**
Site Size	*< 1 Acre*	4.44	3.07	6.21	4.68
	1-3 Acres	4.53	2.33	4.56	4.18
	>3 Acres	5.08	1.92	4.53	3.34
Overwater Applied Acre-Feet		**754**	**62**	**314**	**1,130**
Site Size	*< 1 Acre*	232	33	130	394
	1-3 Acres	270	9	123	402
	>3 Acres	252	20	61	334
Overwater Average Applied Feet		**2.37**	**0.29**	**2.60**	**1.72**
Site Size	*< 1 Acre*	2.55	1.85	3.92	2.78
	1-3 Acres	2.35	0.27	2.20	1.97
	>3 Acres	2.25	0.12	1.92	1.08



Mixed Use Meters

Calendar Year 2025

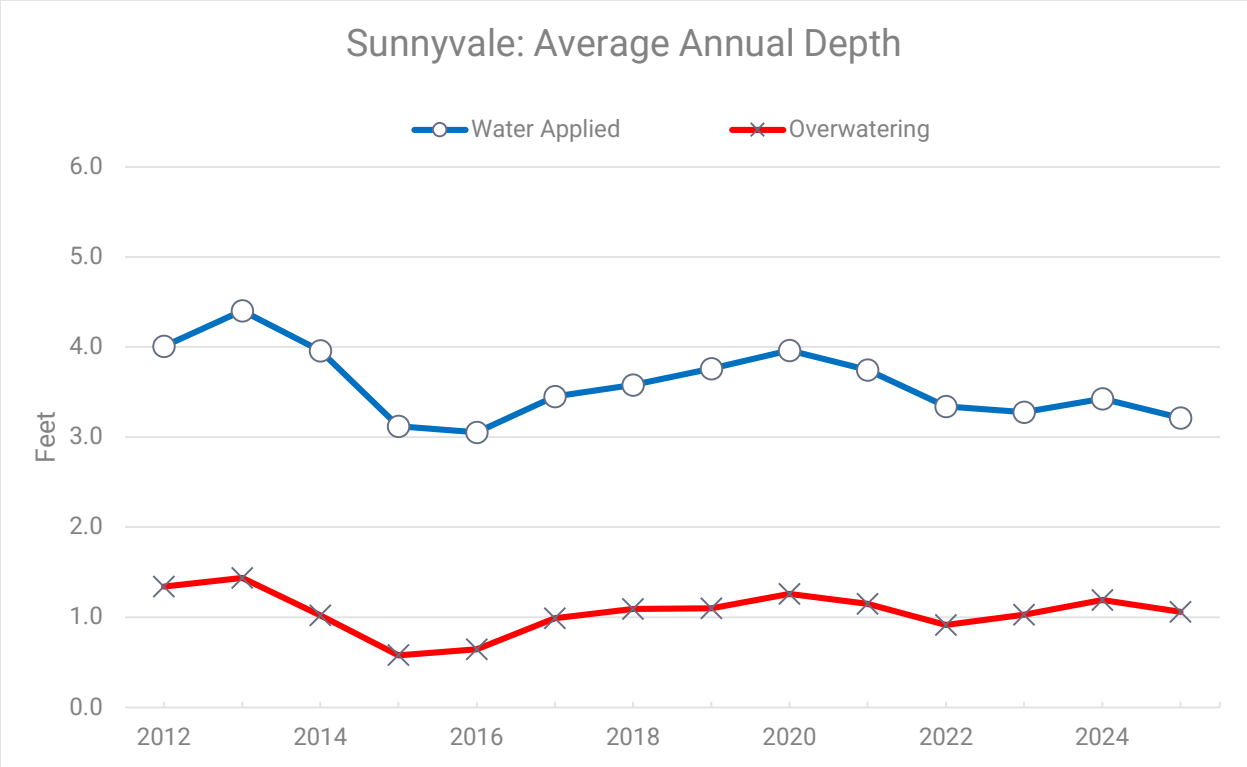
Description	Commercial	Public	Residential	Total
Number of Sites	0	0	NA	0
Irrigated Acres	0	0	NA	0
Water Acre-Feet	0	0	NA	0
Water Average Applied Feet			NA	

Appendix I: Sunnyvale

Dedicated Irrigation Meters

Calendar Year 2025

Description		Commercial	Public	Residential	Total
Number of Meters		**477**	**279**	**259**	**1,015**
Number of Sites		**397**	**134**	**181**	**712**
Regulatory	*Special Landscape*	76	64	0	140
	Nonfunctional Turf	192	15	80	287
Irrigated Acres		**350**	**386**	**128**	**864**
Site Average		0.88	2.88	0.71	1.21
Site Size	*< 1 Acre*	109	15	42	166
	1-3 Acres	119	34	55	207
	>3 Acres	123	337	31	491
Landscape	*Turf*	89	302	28	419
	Shrub	260	81	99	440
	Water Features	1	3	1	5
Regulatory	*Special Landscape*	133	371	0	504
	Nonfunctional Turf	58	6	19	83
Water Applied Acre-Feet		**1,291**	**968**	**548**	**2,807**
Site Size	*< 1 Acre*	445	36	211	692
	1-3 Acres	425	56	234	715
	>3 Acres	421	876	103	1,400
Source	*Potable*	814	611	548	1,973
	Non-Potable	477	357	0	835
Water Average Applied Feet		**3.69**	**2.51**	**4.28**	**3.25**
Site Size	*< 1 Acre*	4.09	2.39	4.98	4.16
	1-3 Acres	3.58	1.67	4.26	3.45
	>3 Acres	3.43	2.60	3.33	2.85
Overwater Applied Acre-Feet		**596**	**156**	**289**	**1,040**
Site Size	*< 1 Acre*	243	17	126	386
	1-3 Acres	199	9	125	333
	>3 Acres	154	130	37	321
Overwater Average Applied Feet		**1.70**	**0.40**	**2.25**	**1.20**
Site Size	*< 1 Acre*	2.23	1.13	2.97	2.32
	1-3 Acres	1.68	0.27	2.28	1.61
	>3 Acres	1.25	0.39	1.20	0.65



Mixed Use Meters

Calendar Year 2025

Description	Commercial	Public	Residential	Total
Number of Sites	0	0	NA	0
Irrigated Acres	0	0	NA	0
Water Acre-Feet	0	0	NA	0
Water Average Applied Feet			NA	

Appendix J: Landscape Field Surveys by Retailer

Year	Survey Count	Acres
Cal Water	**2**	**0.0**
2021-22	2	0.0
Gilroy	**7**	**15.8**
2014-15	1	1.8
2015-16	1	1.7
2016-17	1	2.7
2017-18	1	5.1
2018-19	1	1.6
2019-20	1	1.8
2024-25	1	1.0
Great Oaks	**3**	**17.2**
2016-17	1	17.2
2017-18	1	0.0
2024-25	1	0.0
Milpitas	**11**	**19.7**
2017-18	1	2.6
2020-21	2	2.8
2021-22	3	4.4
2022-23	1	2.9
2023-24	2	5.0
2024-25	2	2.0
Morgan Hill	**22**	**34.7**
2016-17	3	4.3
2017-18	13	25.8
2019-20	2	1.3
2021-22	1	0.0
2022-23	2	2.8
2024-25	1	0.4
Mt View	**49**	**88.7**
2014-15	4	6.8
2015-16	20	45.8
2016-17	5	6.2
2017-18	5	3.5
2018-19	1	7.9
2019-20	1	0.9
2020-21	1	0.0
2021-22	4	3.8
2022-23	1	0.2
2023-24	5	12.8
2024-25	2	1.0
Palo Alto	**17**	**64.1**

2014-15	3	5.4
2015-16	2	31.2
2016-17	2	2.6
2017-18	1	5.6
2018-19	2	8.7
2019-20	2	3.5
2021-22	1	1.0
2022-23	2	3.4
2024-25	2	2.7
San Jose Muni	**27**	**179.0**
2018-19	1	6.9
2019-20	9	97.0
2020-21	2	1.3
2021-22	3	8.6
2022-23	4	13.5
2023-24	2	5.5
2024-25	6	46.3
San Jose Water	**114**	**200.3**
2015-16	1	4.9
2016-17	6	11.4
2017-18	12	27.5
2018-19	22	42.9
2019-20	16	30.7
2020-21	22	40.1
2021-22	15	23.5
2022-23	5	3.7
2023-24	11	11.7
2024-25	4	3.9
Santa Clara	**32**	**48.2**
2015-16	2	2.5
2016-17	5	7.7
2017-18	8	14.9
2019-20	4	2.8
2021-22	4	6.8
2022-23	4	9.3
2023-24	5	4.2
Sunnyvale	**24**	**47.7**
2014-15	4	14.3
2015-16	3	4.9
2016-17	2	3.8
2017-18	2	2.7
2019-20	1	1.7
2021-22	2	4.6
2022-23	4	5.6

2023-24	4	5.3
2024-25	2	4.7
Valley Water	**1**	**96.5**
2018-19	1	96.5
Grand Total	**309**	**811.7**

Appendix K: Public Site Count and Irrigated Acres by Retailer

Retailer	Type	Sites	Acres
Gilroy	Cemetery	1	1.7
	Park	19	57.5
	School	9	35.4
	Streetscape	39	4.9
Milpitas	Cemetery	1	0.0
	Park	36	97.3
	School	14	57.1
	Streetscape	90	35.9
Morgan Hill	Cemetery	1	1.6
	Park	37	41.2
	School	15	40.7
	Streetscape	51	2.9
Mt View	Golf	1	131.7
	Park	50	86.8
	School	10	11.4
	Streetscape	177	37.5
Palo Alto	Golf	2	156.9
	Park	21	89.0
	School	15	23.4
	Streetscape	66	8.5
San Jose Muni	Golf	4	301.0
	Park	26	52.5
	School	22	70.8
	Streetscape	127	80.6
San Jose Water	Cemetery	3	133.4
	Golf	3	146.0
	Park	119	334.2
	School	109	550.4
	Streetscape	146	117.2
Santa Clara	Cemetery	2	24.2
	Park	29	85.3
	School	27	91.0
	Streetscape	70	15.8
Sunnyvale	Golf	3	135.8
	Park	33	182.2
	School	23	62.2
	Streetscape	75	14.9
Valley Water	Golf	2	308.4
Grand Total	Cemetery	8	160.9
	Golf	15	1,179.8
	Park	370	1,026.0

	School	244	942.4
	Streetscape	841	318.2
	All	**1,478**	**3,627.3**