



ENVIRONMENTAL UTILITIES

Roseville Water

Overview
May 2025

- 704 miles of pipe
- 53,463 service connections
- 5 storage tanks = 32 million gallons
- 17 interties
- 7 Wells (6 ASR)
- 5 pressure zones
- 8 pressure reducing stations
- 5 pump stations
- 32 water sample stations



Water Treatment Plant



- Built in 1969
- 3 Expansions
- Capacity: 100 Million Gallons / Day
- 24 hour / day operation
- Avg. Annual Production = 30,000 AF
- Highest Avg. Daily Prod in July 2023 = 127 AF or 41,372,566 Gallons



Water Efficiency Team

- A diverse staff of industry experts, 1 specialist, 7 field, 3 admin, 1 admin tech.
- Skills include:
 - Arborist
 - Botanist
 - Scientist
 - Landscape Contractor
 - Certified Irrigation Auditors
 - Water Distribution operators
 - Leak experts
 - With an array of educations and certifications

Water Wise House Calls

- General conservation check
fixture flow rates
- Irrigation evaluation
- Landscape watering and
controller education
- Written recommendations and
literature



AMI Full Deployment Installation STATUS REPORT

Data Sources: Peak Workflow and Cayenta

2023						2024					
Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun

Weekly Installation Snapshot	Electric Commercial	Electric Residential	Water Commercial and Residential
Week 44: Completed Installs	51	COMPLETE	1664
Week 45: Planned Installs	100	COMPLETE	COMPLETE

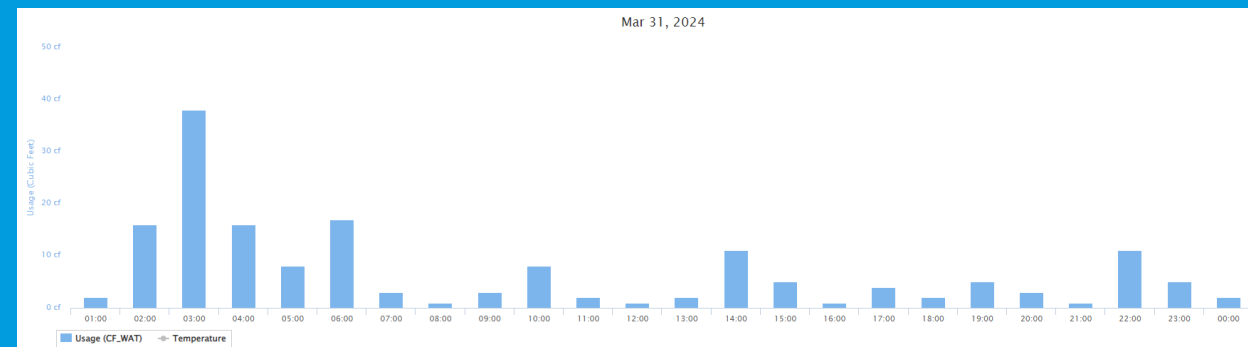
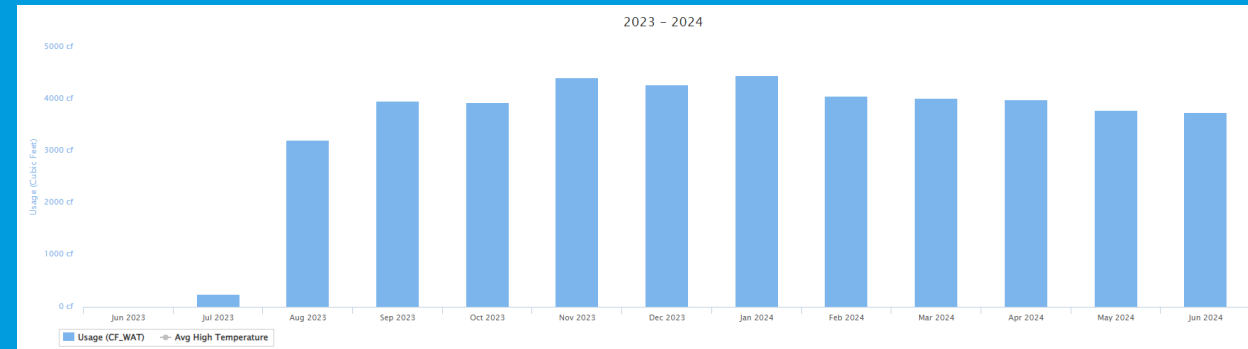
Full Deployment Installation Summary	
Electric Commercial	7,015
Electric Residential	58,092
Total Completed Electric	65,107

Total Completed Water	49,031
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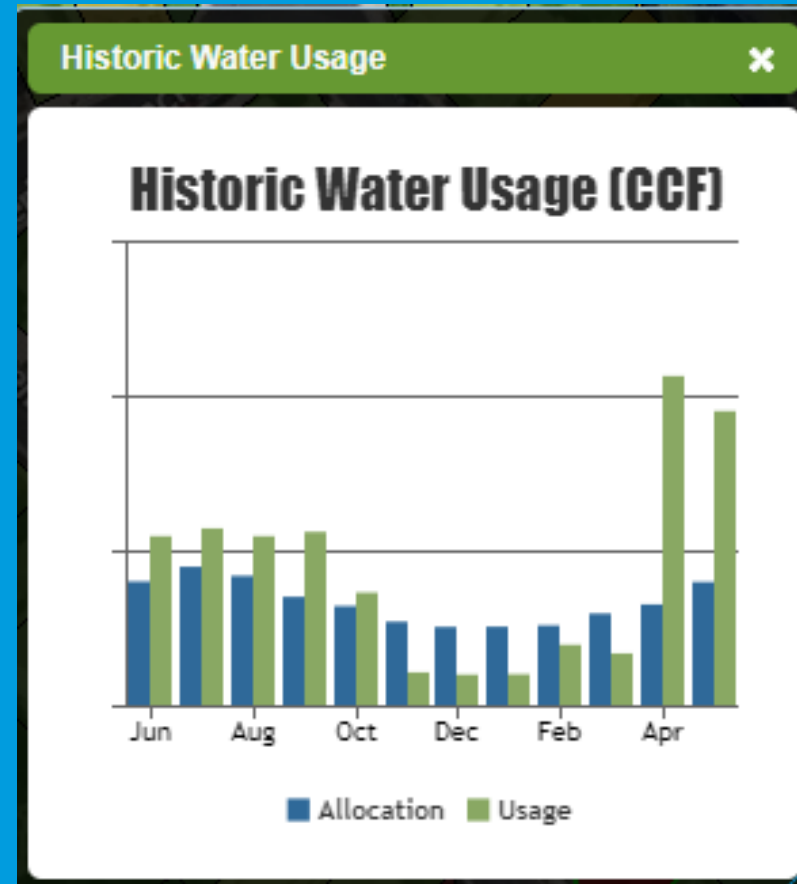


Full Deployment Meter Installation Status
(Residential and Commercial)
As of 5/14/2024

- 24 hour + constant flow alerts
- Off day / time irrigation
- Winter irrigation on / non adjusted



High Use Residential -Water View -Finance



WELO- Water Efficient Landscape Ordinance

- Plan check / review
- In field inspection prior to final
- On site education for contractors
- City specific Audit form
- Working on updates to the code and website
- All worker 2's certified irrigation auditors



Customer Information

Billing Address

ADDRID
Account

Last Field Check 6/4/18

Irrigated Parcel Area in Square Feet

TurfArea (sq. ft.): 0

Irrigated Non-Turf Area (sq. ft.): 1,847

Total Irrigated Area (sq. ft.): 1,847

Site Address:

Meters:

CAYENTA#

METER_TP

73172430

1W

Projected Use vs Actual Use

Water Budget vs. Actual Water Usage (In Cubic Feet):

Month	Est. Budget	Usage	% of Budget	Inefficient Use
Jun 23	957	1,900	198%	943
Jul 23	1,107	2,400	217%	1,293
Aug 23	1,219	2,400	197%	1,181
Sep 23	980	2,900	296%	1,920
Oct 23	670	1,900	284%	1,230
Nov 23	503	900	179%	397
Dec 23	272	900	330%	628
Jan 24	157	100	64%	0
Feb 24	149	95	64%	0
Mar 24	285	95	33%	0
Apr 24	520	994	191%	474
May 24	756	1,465	194%	709
	7,678	18,048	212%	8,774

Last Three Months

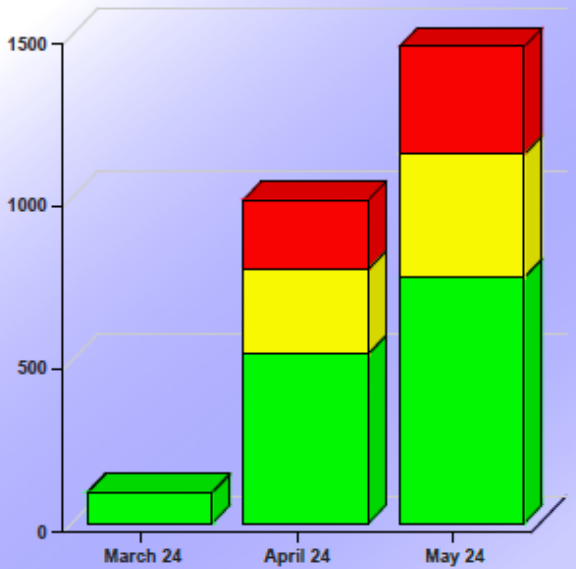
Inefficient Use (Cu Ft)

March	0
April	474
May	709

Total

1,183

Tiered Usage - Cubic Feet



1 cubic foot = 7.48 Gallons



Within Budget

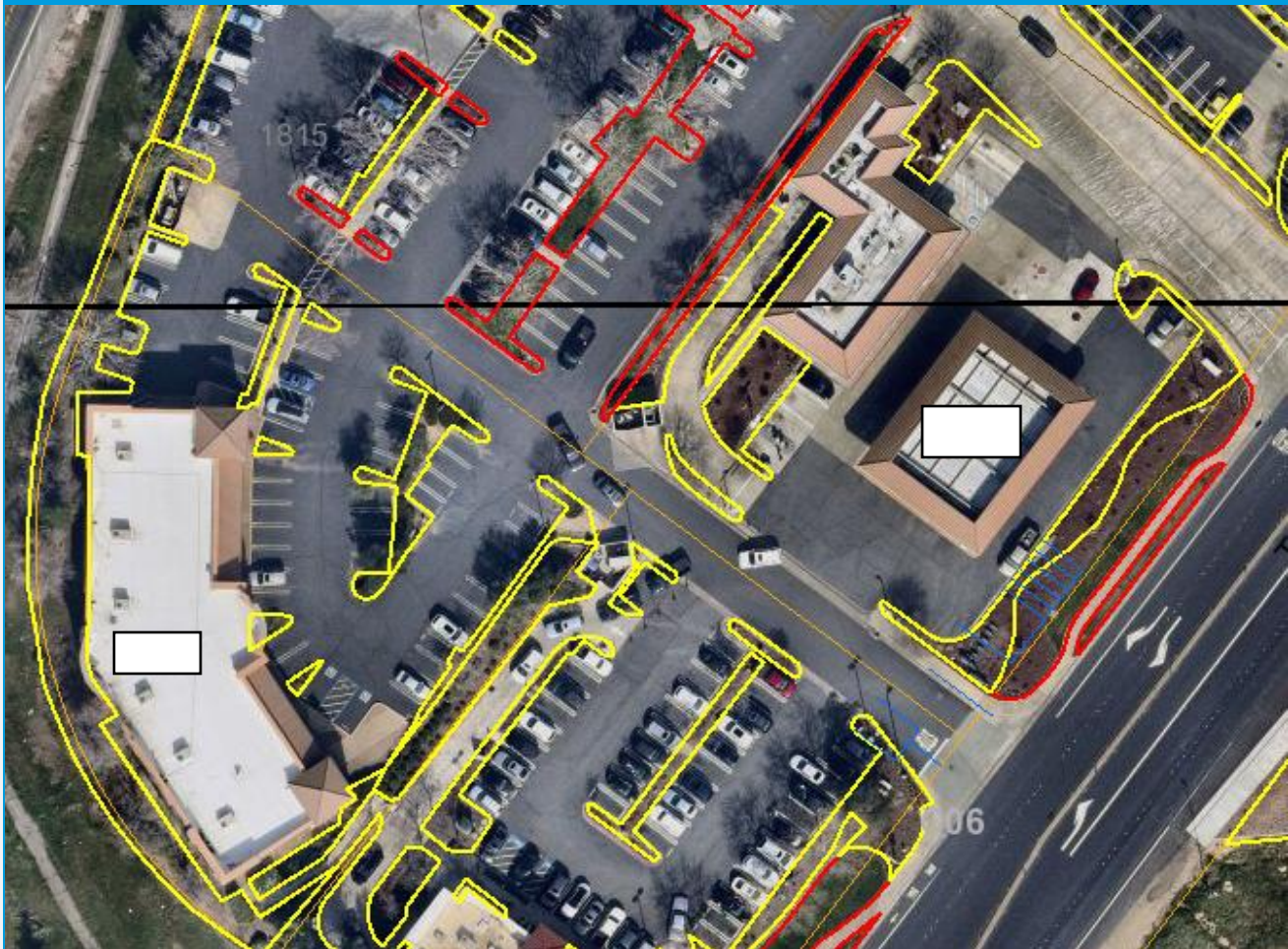


Inefficient Use



Very Inefficient Use

High Use – Commercial Water Budgets



- ☐ § 14.09.010 Short title.
- ☐ § 14.09.020 General provisions.
- ☐ § 14.09.030 Definition of water waste.
- ☐ § 14.09.040 Water conservation and drought stages.
- ☐ § 14.09.050 Groundwater use as an alternate supply.
- ☐ § 14.09.060 Basic stage restrictions.
- ☐ § 14.09.070 Stage one drought restrictions.
- ☐ § 14.09.080 Stage two drought restrictions.
- ☐ § 14.09.090 Stage three drought restrictions.
- ☐ § 14.09.100 Stage four drought restrictions.
- ☐ § 14.09.110 Stage five drought restrictions.
- ☐ § 14.09.120 Determination of drought tolerance.
- ☐ § 14.09.130 Determination of landscape water consumption reductions.
- ☐ § 14.09.140 Violations.
- ☐ § 14.09.150 Enforcement authority.
- ☐ § 14.09.160 Hearing.

Water Waste



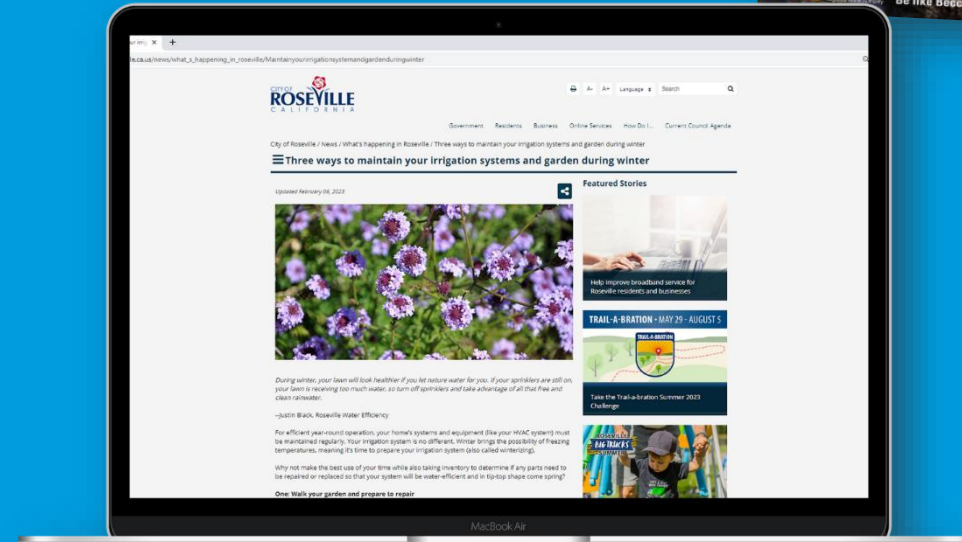
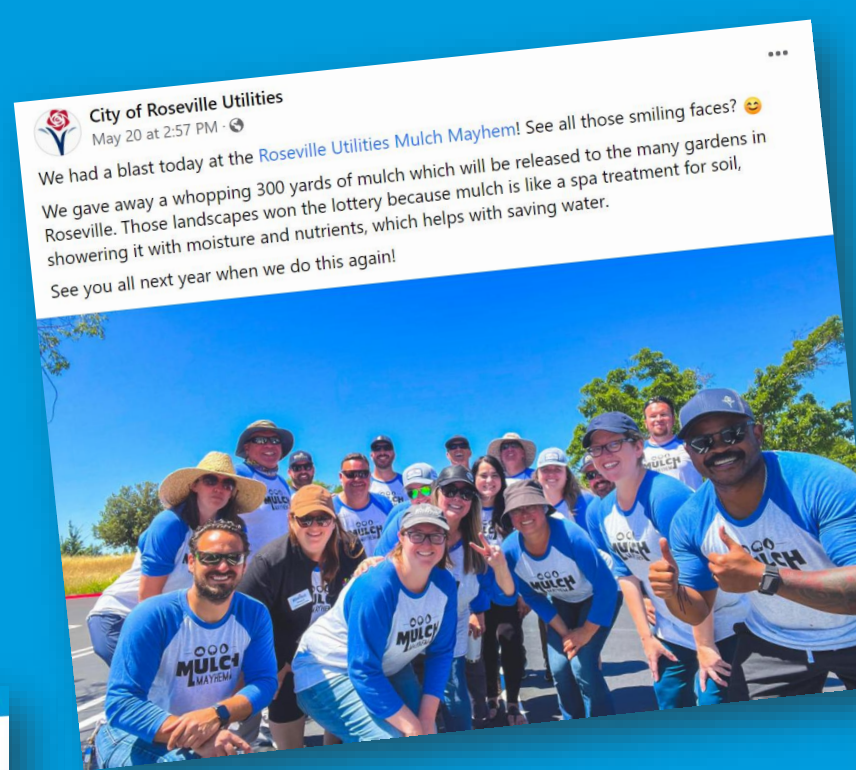
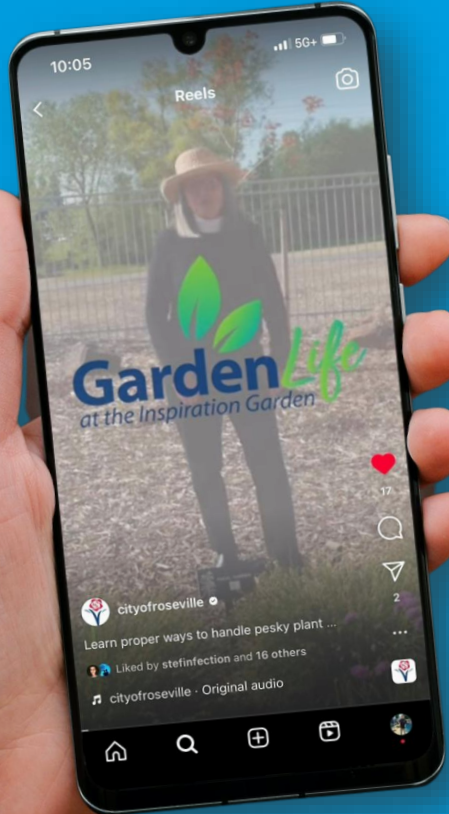
Outreach and Education

- Farmers Market at Whole Foods during the irrigation season
- About 6 hands-on classes at the RUEC annually.
- Master Gardeners Fair – presentation and booth
- Roseville Earth Night
- Custom presentations for HOA's and groups by request



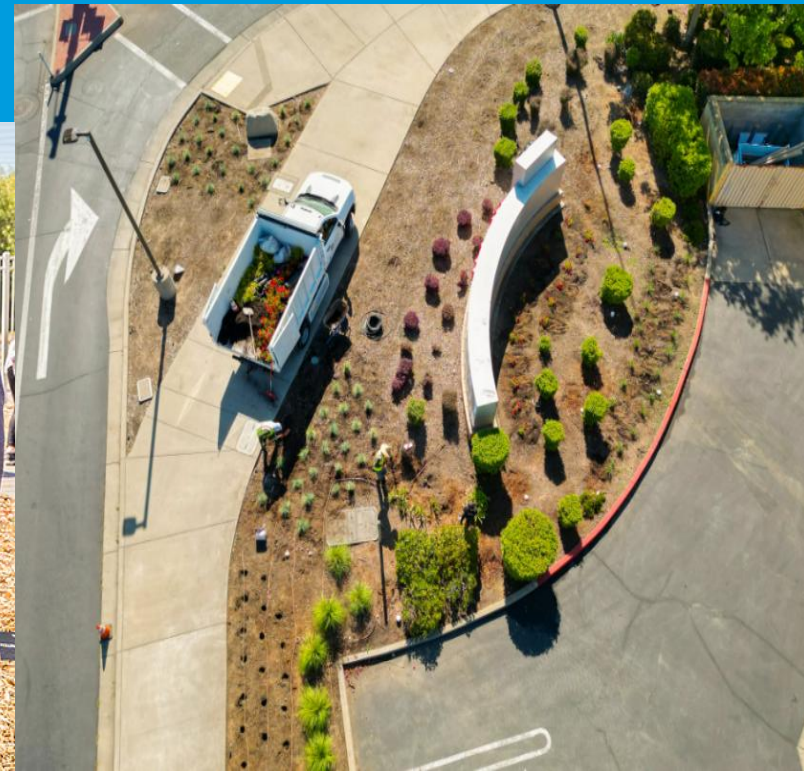
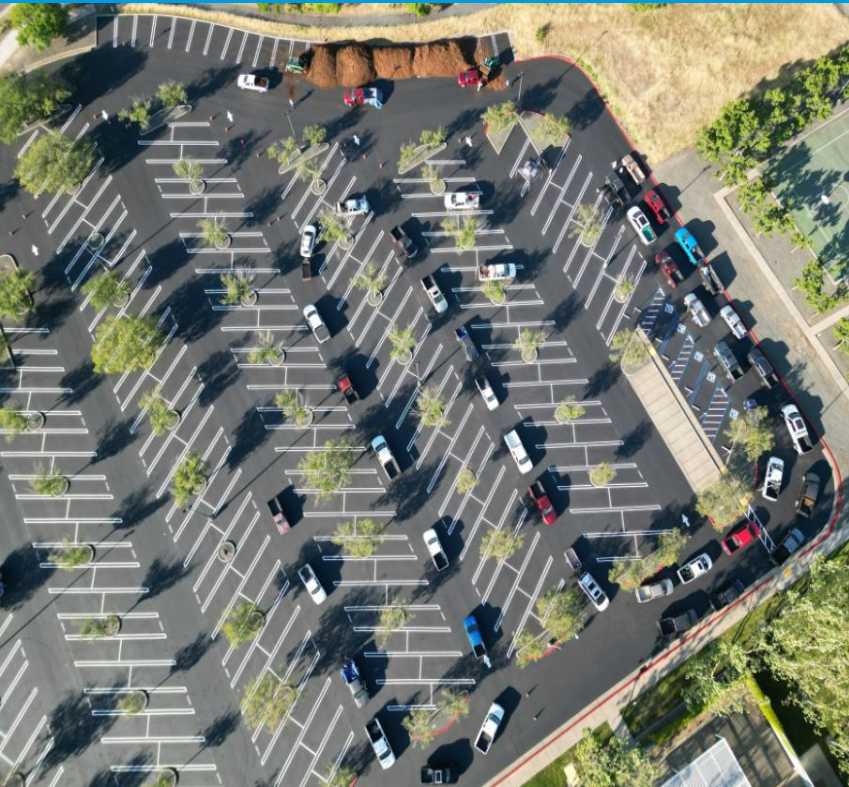
Marketing and Outreach

- Research
- Social Media
- Ad Campaigns
- Bill Inserts
- Newsletter Articles
- Events



Projects & Events

- Inspiration Garden
- Farmers Market
- Mulch Mayhem
- Westfield Turf Removal Project
- Downtown Tuesday Night
- Earth Night



Customer Evaluation Comments

All people involved in this process were courteous and very helpful!

Name of Technician: John W

Date of service:

Comments:
Michelle explained the entire process. SHE even gave helpful advice on how I can accomplish my goals

Comments:
Worked with Michelle Sullivan. She is an asset to your staff!

Comments:
All of your phone contacts and email services were extremely helpful and efficient!

Additional comments or suggestions on how we can improve this service:
John is a great asset to saving our limited supply of water in Placer county!!

Comments:
Michelle was great!

Sunny and Jean (sp.)

How was your experience?

Was the technician on time? ☒ Yes ☐ No

Was the technician courteous? ☒ Yes ☐ No

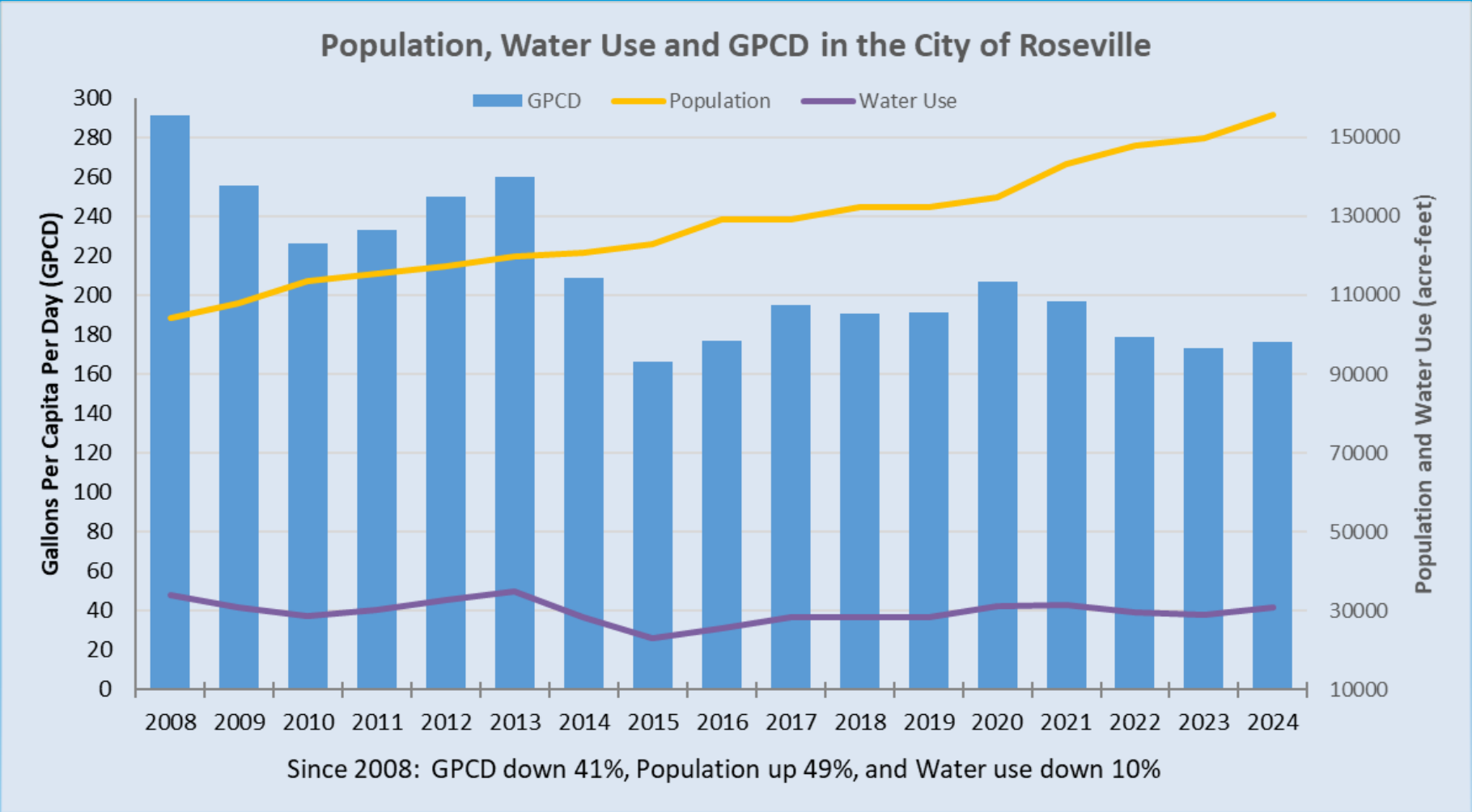
Was the technician knowledgeable? ☒ Yes ☐ No

Was the technician helpful? ☒ Yes ☐ No

Comments: A+ in all those categories - both.

Additional comments or suggestions on how we can improve this service:
Shawn being trained by Sunny, will be excellent. Knowledgeable, explains things well. Friendly, Sunny, clearly very experienced, she is very friendly, she came back a 2nd time - clearly admirable.

Yearly GPCD



Calculation = ((Monthly Production x Conversion factor) / Population) / # of days



Home rebates

Get rid of your less water efficient devices in your home and replace them with something new.

Toilet



Cash for Grass



Current Residential Rebates

Up to \$2000 per fiscal year

\$1.50 sqft

\$3 sqft for <10' wide

No artificial turf



Cash for Grass

\$100 each Res. - \$200 Commercial

1.6 gpf or higher - to 1.28 gpf
(or dual flush 1.28 /.8)

1.2 gpf - .8 gpf (or dual flush 1.28 /.8)

Must be EPA Water Sense labeled

Entire toilet must be replaced

Pre inspection required

Toilets





Thank you!