

— WATER CONSERVATION — TOILET RETROFIT

# Royal Garden Apartments

A utility-funded retrofit delivering **44% water savings** and 128,772 gallons conserved annually — at zero cost to the property.



<b>CLIENT</b> Royal Garden Apartments	<b>COMPLETED</b> June 30, 2023	<b>PROGRAM</b> LADWP / MWD High-Efficiency Toilet Rebate
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WATER SAVINGS

**44%**

Month-over-month usage reduction

MONTHLY SAVINGS

**10,731**

gallons per month

ANNUAL SAVINGS

**128,772**

gallons per year

10-YEAR SAVINGS

**1.3M**

gallons conserved

01 · SCOPE

## Project Details

UNITS

**56**

FIXTURES REPLACED

**84**

BEFORE

**1.6 GPF**

AFTER

**0.9 GPF**

02 · MEASUREMENT

## Monthly Usage — Before vs. After

BEFORE RETROFIT

**24,530**

gallons per month avg.

1.6 GPF toilets · baseline usage across the twelve months preceding installation.

**-44%**  
Δ usage



AFTER RETROFIT

**13,798**

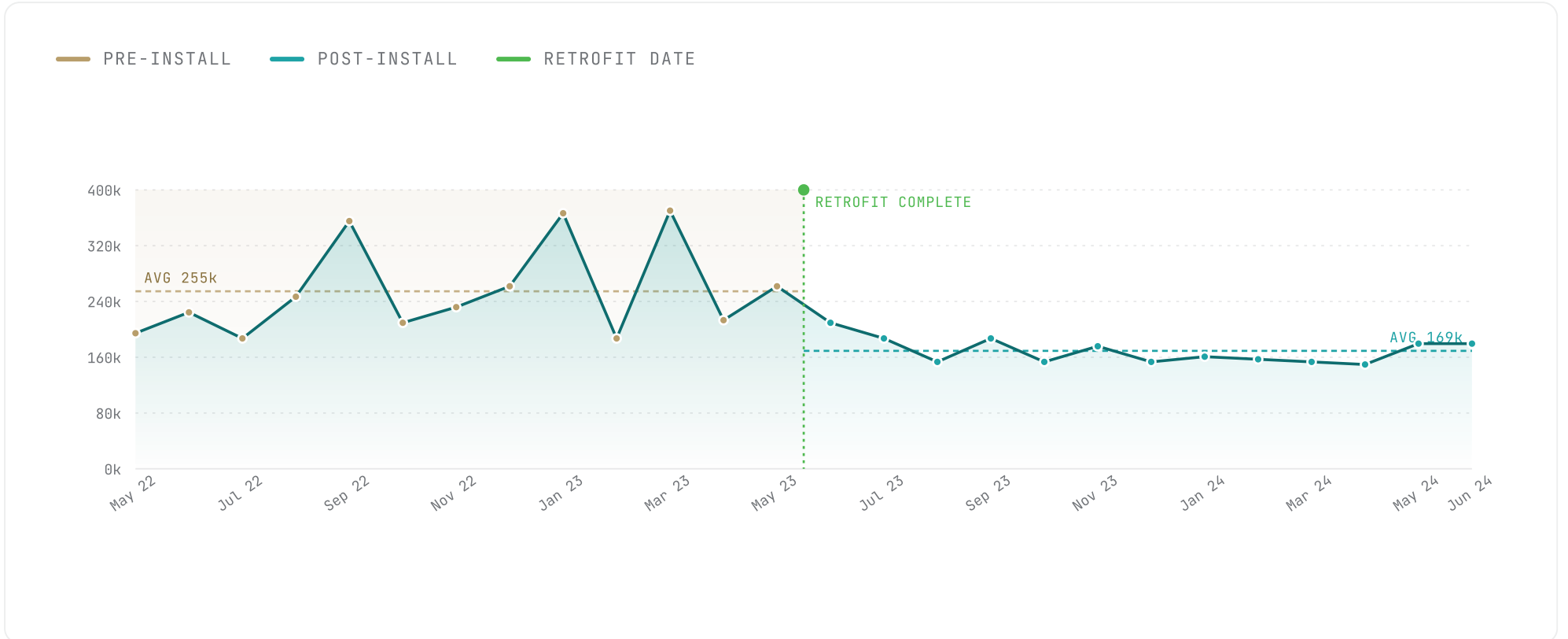
gallons per month avg.

0.9 GPF WaterSense-certified toilets · sustained reduction verified against utility billing.



03 • VERIFIED SAVINGS

## Usage Trend • Monthly Billing



ANALYST NOTE

Largest savings occurred during Winter and Spring months, coinciding with peak occupancy.

04 • IMPACT

## What 128,772 Gallons Means

**7,487**

eight-minute showers avoided per year

**6.4**

backyard swimming pools worth of water saved

**1.2**

households of four supplied for an entire year

05 • DELIVERY

## Scope of Work

01 Toilet fixture replacement

02 Angle stops & supply lines as needed

03 Flange repair where needed

04 Old fixture hauling & disposal



— WATER CONSERVATION — TOILET RETROFIT

# Coldwater Contessa

A utility-funded retrofit delivering **44% water savings** and 90,447 gallons conserved annually — at zero cost to the property.



CLIENT	COMPLETED	PROGRAM
Coldwater Contessa	October 20, 2023	LADWP / MWD High-Efficiency Toilet Rebate

WATER SAVINGS

**44%**

Month-over-month usage reduction

MONTHLY SAVINGS

**7,537**

gallons per month

ANNUAL SAVINGS

**90,447**

gallons per year

10-YEAR SAVINGS

**904,470**

gallons conserved

01 · SCOPE

## Project Details

UNITS

**37**

FIXTURES REPLACED

**59**

BEFORE

**1.6 GPF**

AFTER

**0.9 GPF**

02 · MEASUREMENT

## Monthly Usage — Before vs. After

BEFORE RETROFIT

**17,229**

gallons per month avg.

1.6 GPF toilets · baseline usage across the twelve months preceding installation.

**-44%**  
Δ usage



AFTER RETROFIT

**9,691**

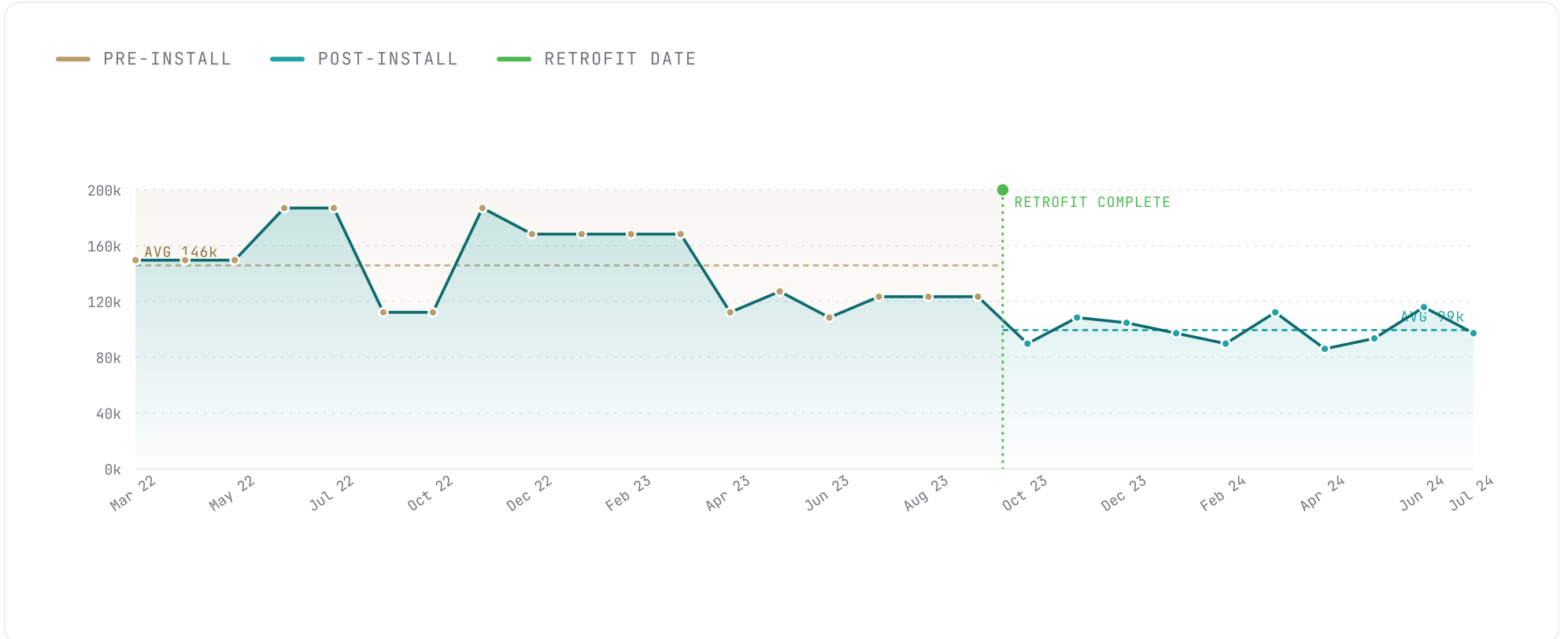
gallons per month avg.

0.9 GPF WaterSense-certified toilets · sustained reduction verified against utility billing.



03 • VERIFIED SAVINGS

## Usage Trend • Monthly Billing



ANALYST NOTE

Most significant water savings occurred Jan–Mar 2024 as cold-weather base loads dropped.

04 • IMPACT

## What 90,447 Gallons Means

**5,259**

eight-minute showers avoided per year

**4.5**

backyard swimming pools worth of water saved

**0.8**

households of four supplied for an entire year

05 • DELIVERY

## Scope of Work

- 01 Toilet fixture replacement
- 02 Angle stops & supply lines as needed
- 03 Flange repair where needed
- 04 Old fixture hauling & disposal



— WATER CONSERVATION — TOILET RETROFIT

# Chandler Court

A utility-funded retrofit delivering **44% water savings** and 70,518 gallons conserved annually — at zero cost to the property.



CLIENT	COMPLETED	PROGRAM
Chandler Court	November 1, 2023	LADWP / MWD High-Efficiency Toilet Rebate

WATER SAVINGS

**44%**

Month-over-month usage reduction

MONTHLY SAVINGS

**5,877**

gallons per month

ANNUAL SAVINGS

**70,518**

gallons per year

10-YEAR SAVINGS

**705,180**

gallons conserved

01 · SCOPE

## Project Details

UNITS

**34**

FIXTURES REPLACED

**46**

BEFORE

**1.6 GPF**

AFTER

**0.9 GPF**

02 · MEASUREMENT

## Monthly Usage — Before vs. After

BEFORE RETROFIT

**13,432**

gallons per month avg.

1.6 GPF toilets · baseline usage across the twelve months preceding installation.

**-44%**  
Δ usage



AFTER RETROFIT

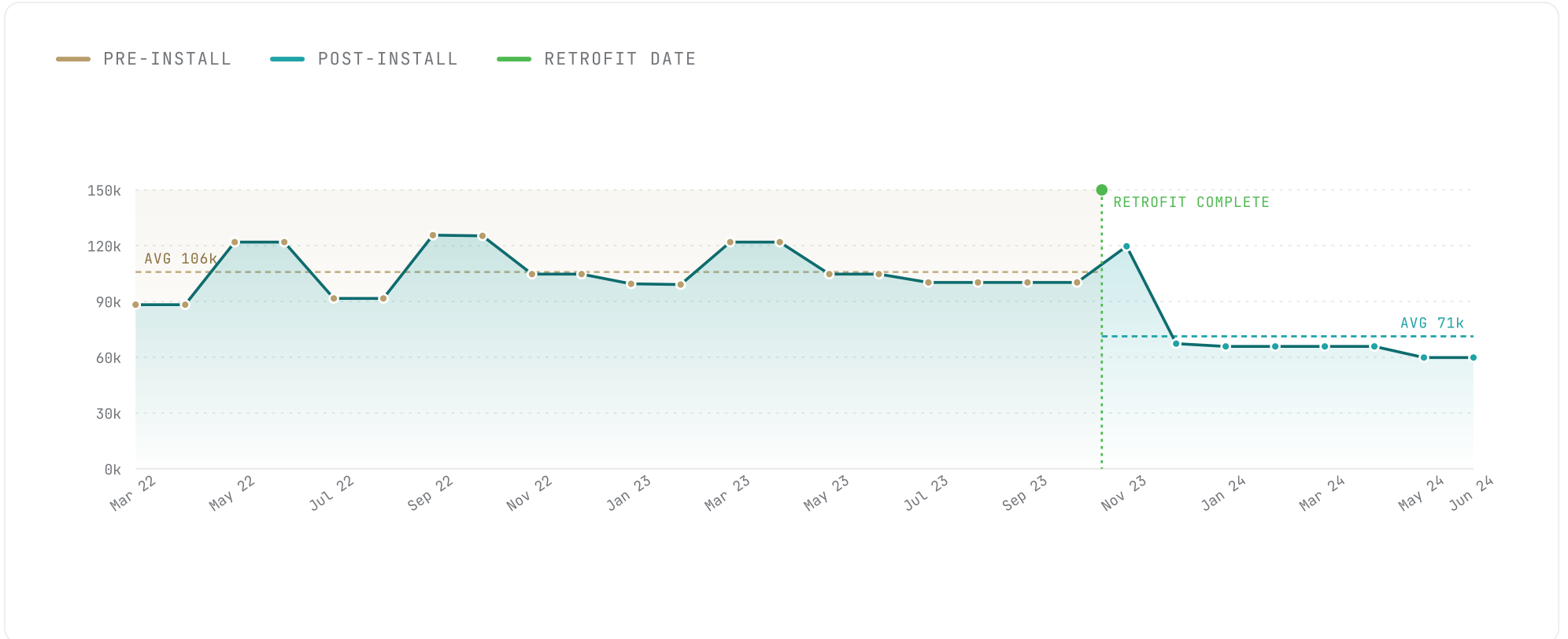
**7,555**

gallons per month avg.

0.9 GPF WaterSense-certified toilets · sustained reduction verified against utility billing.

03 • VERIFIED SAVINGS

## Usage Trend • Monthly Billing



**ANALYST NOTE**

Consistent monthly average savings of 36,548 gallons — steady reduction across every billing period.

04 • IMPACT

## What 70,518 Gallons Means

**4,100**

eight-minute showers avoided per year

**3.5**

backyard swimming pools worth of water saved

**0.6**

households of four supplied for an entire year

05 • DELIVERY

## Scope of Work

- 01 Toilet fixture replacement
- 02 Angle stops & supply lines as needed
- 03 Flange repair where needed
- 04 Old fixture hauling & disposal



WATER CONSERVATION — PORTFOLIO TOILET & FIXTURE RETROFIT

# GHP Property Management

A utility-funded retrofit delivering **71% water savings** and 74.8M gallons conserved annually — at zero cost to the property.



<b>CLIENT</b> GHP Property Management	<b>COMPLETED</b> Ongoing, 2019 – present	<b>PROGRAM</b> LADWP / MWD High-Efficiency Toilet Rebate
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WATER SAVINGS

**71%**

Month-over-month usage reduction

MONTHLY SAVINGS

**6.2M**

gallons per month

ANNUAL SAVINGS

**74.8M**

gallons per year

10-YEAR SAVINGS

**748.4M**

gallons conserved

01 · SCOPE

## Project Details

UNITS

—

FIXTURES REPLACED

13,668

BEFORE

3.5 GPF

AFTER

1.0 GPF

PORTFOLIO PROPERTIES (15)

- Orsini I, II, III
- Summit at Warner
- Medici
- Lorenzo
- Pasadena Park Place
- DaVinci
- Piero 1 & 2
- Park Sierra
- Sand Canyon Villas
- Sand Canyon Ranch
- Canyon Country Villas
- The Village
- The Colony
- Skyline Terrace
- Diamond Park

02 · MEASUREMENT

## Monthly Usage — Before vs. After

BEFORE RETROFIT

**8.7M**

gallons per month avg.

3.5 GPF toilets · baseline usage across the twelve months preceding installation.

**-71%**  
Δ usage



AFTER RETROFIT

**2.5M**

gallons per month avg.

1.0 GPF WaterSense-certified toilets · sustained reduction verified against utility billing.

**Ready to assess your building?**

Visit [planetoptima.com/contact](https://planetoptima.com/contact) to request your free building assessment.



04 • IMPACT

## What 74.8M Gallons Means

**4.4M**

eight-minute showers avoided per year

**3742.1**

backyard swimming pools worth of water saved

**683.5**

households of four supplied for an entire year

05 • DELIVERY

## Scope of Work

01 13,668 high-efficiency toilet replacements

02 11,041 low-flow showerhead retrofits

03 12,469 bathroom aerator replacements

04 6,242 kitchen aerator replacements

— READY WHEN YOU ARE

# Let's see what your building can save.

Through the LADWP / MWD High-Efficiency Toilet Rebate program, multifamily buildings with 5+ units pay **\$0** for fixtures, labor, and installation. Planet Optima handles every step — from utility paperwork to fixture haul-away.

[Request a free building assessment →](#)

GET IN TOUCH

[planetoptima.com/contact](https://planetoptima.com/contact)

OFFICE

17306 Roseton Ave.  
Artesia, CA 90701

LICENSE

CSLB #1042932

**100%**

COVERED BY LADWP REBATES

**5+**

UNIT MINIMUM

**No fee**

TO BUILDING OWNERS