



# AGENDA

## Water Advisory Group

**Date:** March 4, 2026

**Time:** 11 a.m.-12:30 p.m.

**Location:** **Hybrid Meeting**

**In-person:** City of Bend Public Works Headquarters Building  
21051 NE Talus Place, First Floor Roundabout Room

**Online:** [Microsoft Teams Meeting Link](#)

**Speakers:** Lori Faha, Environmental Resources Manager  
Carolyn Sufit and Jeremy Giffin, Oregon Water Resources Department  
Elisabeth O'Keefe, Stormwater Program Manager  
Dan Denning, Water Conservation Program Manager  
Aubrie Koenig, Facilitator

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### Agenda

**Purpose:** *Introduce Oregon and Deschutes Basin water rights and discuss how this relates to local planning, resiliency, and response to situations like drought.*

1. **Welcome and Introduction – 10 mins**
  - a. I love Bend water video premiere
  - b. Opportunity for questions on annual reporting highlights (see attached)
2. **Oregon Water Law and Deschutes Basin Water Rights 101 – Carolyn, Jeremy, 50 mins**
  - a. Overview of Oregon water law
  - b. Water rights 101
  - c. City of Bend's water rights deep dive
  - d. Groundwater hydrology
  - e. Current basin groundwater conditions
  - f. Mitigation program 101
  - g. Challenges and potential solutions
3. **Bend and Water Rights – Lori, 15 mins**
  - a. Local picture
  - b. Plans for resiliency
  - c. Drought year impacts on operations



- 4. **Discussion and Questions** – 10 mins
- 5. **Summary and Closing** – 5 mins
  - a. Next meeting: April 1, 2026

## WAG Meeting Roadmap *draft*

<p><b>April 1, 2026</b></p> <p>11 a.m.-12:30 p.m.</p> <p>Hybrid: in-person at City PW Headquarters or virtual on Teams</p>	<p><b>Drainage and Density Implementation</b></p> <ul style="list-style-type: none"> <li>• Discuss proposed subdivision and infill implementation</li> <li>• Discuss codes, standards, and Central Oregon Stormwater Manual updates</li> </ul> <p><b>Outcome:</b> <i>Feedback on specific drainage and density implementation options.</i></p>
<p><b>May 6, 2026</b></p> <p>11 a.m.-12:30 p.m.</p> <p>Hybrid: in-person at City PW Headquarters or virtual on Teams</p>	<p><b>Stormwater Program Update and WaterWise/FireWise Topic</b></p> <ul style="list-style-type: none"> <li>• Discuss stormwater program maintenance agreement education resources</li> <li>• Discuss coordinated materials and efforts underway to accommodate multiple goals and standards for water conservation landscapes, FireWise codes, and urban forests</li> </ul>
<p><b>June 3, 2026</b></p> <p>11 a.m.-12:30 p.m.</p> <p>In-person in Bend</p>	<p><b>Location TBD</b></p>
<p><b>Fall 2026 Topics</b></p>	<p>Potential topics:</p> <ul style="list-style-type: none"> <li>• 100 years of water campaign takeaways</li> <li>• Central Oregon Stormwater Manual update</li> <li>• Water Management Conservation Plan draft</li> </ul>



### Accommodation Information for People with Disabilities & Language Assistance Services

You can obtain this information in alternate formats such as Braille, electronic format, etc. Free language assistance services are also available. Please email [accessibility@bendoregon.gov](mailto:accessibility@bendoregon.gov) or call 541-693-2198. Relay Users Dial 7-1-1. All requests are subject to vendor processing times and should be submitted 48-72 hours in advance of events.

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# STORMWATER COMPLIANCE SUMMARY REPORT FY 2024-2025

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Covering reporting period July 1, 2024 – June  
30, 2025



CITY OF BEND



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## Executive Summary

In Fiscal Year 2024–25, the City of Bend’s Water Services Department made substantial progress in strengthening its stormwater compliance program. Efforts focused on expanding public education, enhancing pollution-prevention practices, and advancing long-term planning to support regulatory compliance and community growth.

Public outreach continued to grow through educational campaigns, community events, and new training resources designed to help residents and construction professionals understand their role in protecting local waterways. The program reinforced awareness of illicit discharges, stormwater impacts, and best practices for erosion control.



The Illicit Discharge Detection and Elimination (IDDE) program demonstrated strong responsiveness and enforcement. In FY24-25, the City investigated and resolved 73 cases, initiated escalated enforcement in 36 cases, and averaged 0.1 days to begin an investigation following a report. The program continues to emphasize public education, clear reporting guidance, and pollution prevention to safeguard the Deschutes River and groundwater aquifer.

The City of Bend’s FY 2024–25 Construction and Post-Construction Site Runoff Program advanced implementation of erosion and sediment control requirements through targeted industry outreach, training, and promotion of best management practices (BMPs). Program activities emphasized early engagement with construction site operators, focusing on compliance with local and state stormwater regulations and requirements for minimizing pollutant transport during active ground-disturbing activities.

Post-construction activities focused on long-term stormwater system performance following project completion including development of a database to manage and track privately owned stormwater facilities in preparation for reporting requirements into FY 25-26.

Looking forward beyond FY 2024-2025, a major milestone was completion and City Council approval of the 2025 Stormwater Master Plan. This plan provides a comprehensive framework for enhancing stormwater quality, identifying retrofit opportunities, addressing high-risk UIC systems, and understanding drainage and density challenges across the city. It includes strategies for stormwater quality retrofits, UIC decommissioning prioritization, and improved outfall management, particularly where stormwater enters the Deschutes River.



# Public Education & Outreach

- Continued the One Water Student Video Contest with the theme “Make a Choice be a Voice for Our Water!”, including a focus on illicit discharges.
- Sponsored and participated in the annual Deschutes River Cleanup, where volunteers removed ~1,500 pounds of trash and invasive weeds from six river sites.
- Released new erosion control training videos for the homebuilding community available at <https://www.bendoregon.gov/government/departments/water-services/protecting-our-water/erosion-control>



Public events attended	Citywide social media posts	Stormwater webpage views	Construction operator outreach	Student outreach
4	10	4,645	558	199





# Illicit Discharge and Detection Elimination (IDDE)

## What's New?

### In FY24-25, the IDDE program:

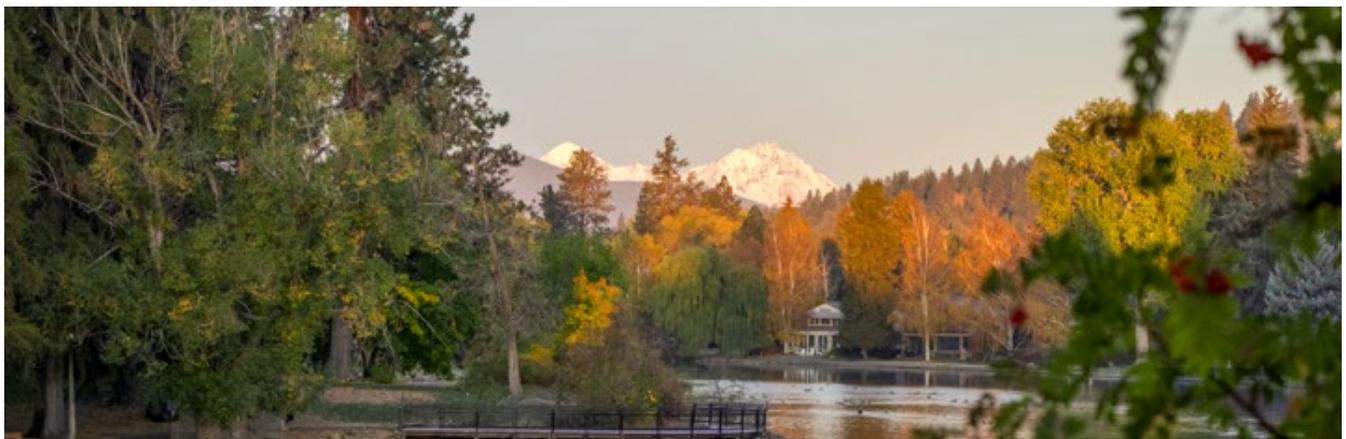
- Investigated 73 cases.
- Resolved 73 cases.
- Took escalated enforcement actions in 36 cases.
- Averaged 0.1 days to initial investigation.

### The program focuses on:

- Enhancing public awareness and participation.
- Distributing educational materials on identifying and reporting illicit discharges.

### Goals:

- Provide clear guidelines and resources.
- Encourage residents to actively contribute to maintaining water quality.





# Construction & Post-Construction Site Runoff

## The program focuses on:

- Engaging construction site managers and workers through training sessions.
- Conducting informational campaigns on best practices for erosion and sediment control.



## • Goals of the program:

- Promote compliance and proactive best managements practices.
- Minimize the impact of construction activities on the stormwater system and water quality.

Reporting Year Totals	Permit Term Totals
<b>Total Projects Inspected</b>  <b>221</b> <span>?</span>	<b>Total Projects Inspected in Permit Term</b> <i>1/1/22 - 12/31/26</i>  <b>771</b>
<b>Total Inspections Completed</b>  <b>811</b> <span>?</span>	<b>Total Inspections in Permit Term</b> <i>1/1/22 - 12/31/26</i>  <b>3,225</b>
<b>Inspections Triggering Escalating Enforcement</b>  <b>337</b> <span>?</span>	<b>Inspections Triggering Escalating Enforcement in Permit Term</b> <i>1/1/22 - 12/31/26</i>  <b>1,236</b>

# Planning for the Future

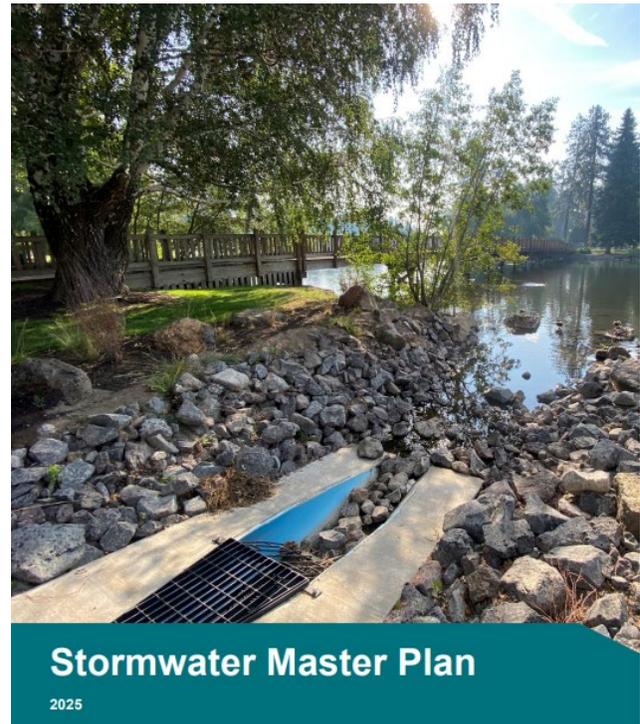
## Underground Injection Controls

- New UIC standards will be published in April, 2026 that accommodate horizontal and vertical well and groundwater setbacks.
- New setbacks consider the risk of emerging contaminants such as PFAS as they relate to stormwater infiltration through drywells.
- New WPCF UIC Permit received from Oregon DEQ in July, 2025.
- City is evaluating new UIC monitoring sites and updating the UIC monitoring plan in FY25-26.



## 2025 Stormwater Master Plan

The City of Bend 2025 Stormwater Master Plan was completed and approved by City Council in January 2026 with a goal to enhance stormwater management and ensure compliance with regulatory requirements. The new plan includes detailed review of existing stormwater outfalls, particularly in areas where stormwater discharges into the Deschutes River. This involves assessing the need for retrofits and identifying opportunities to improve stormwater quality and infrastructure resilience through development of a Stormwater Quality Retrofit Strategy. Additional products of the Stormwater Master Plan include a Drillhole Retrofit and Decommissioning Prioritization Strategy for the highest risk City owned UICs and discussion, research, and recommendations for drainage and density challenges the City faces. The 2025



Stormwater Master Plan can be viewed at <https://bendoregon.gov/construction-projects/master-plans/stormwater-master-plan/stormwater-master-plan-update/>



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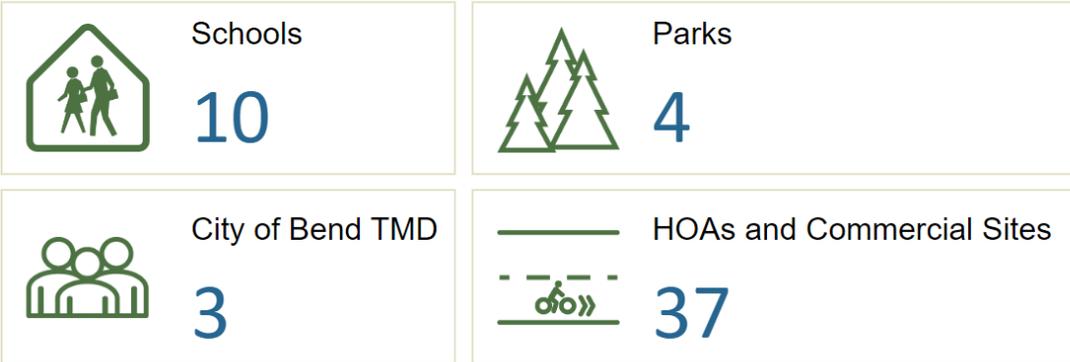
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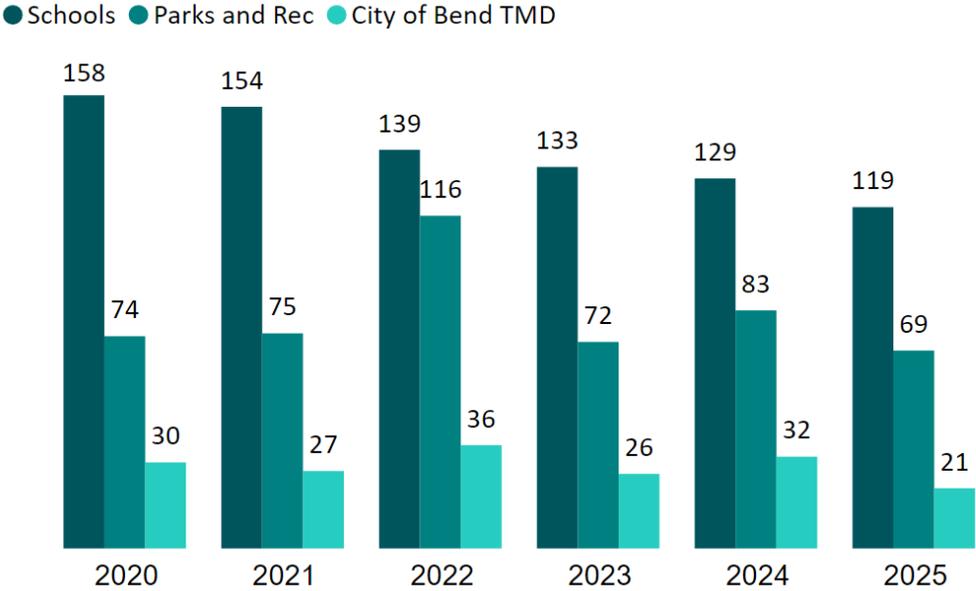
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# Large Landscapes

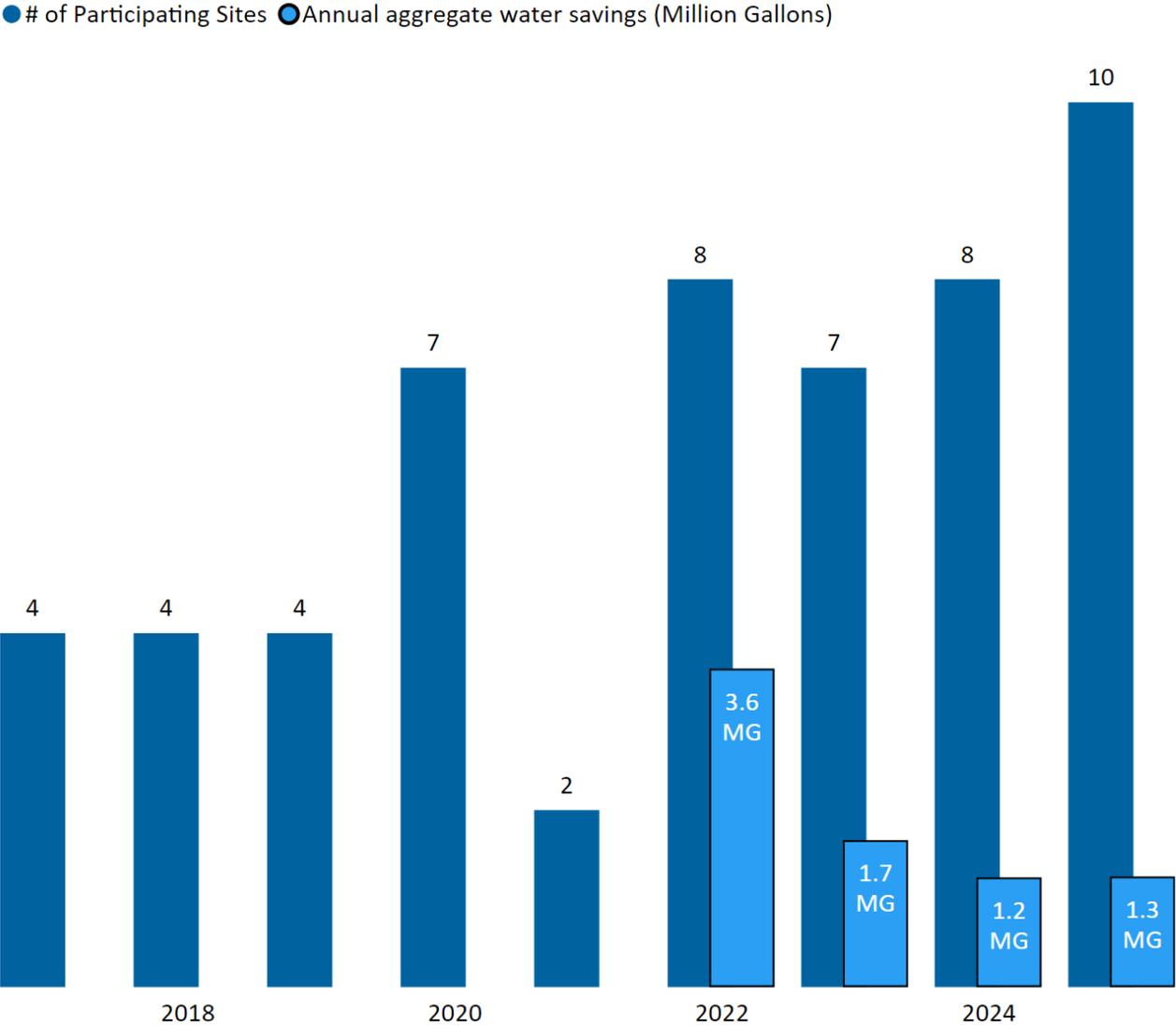
## Participants by Type



## Annual Water Use for Top Three Water Customers (Million Gallons)



## Large Landscape Participants and Water Savings



# Sprinkler Inspection Program



Total Water Saved  
*Since 2018\**

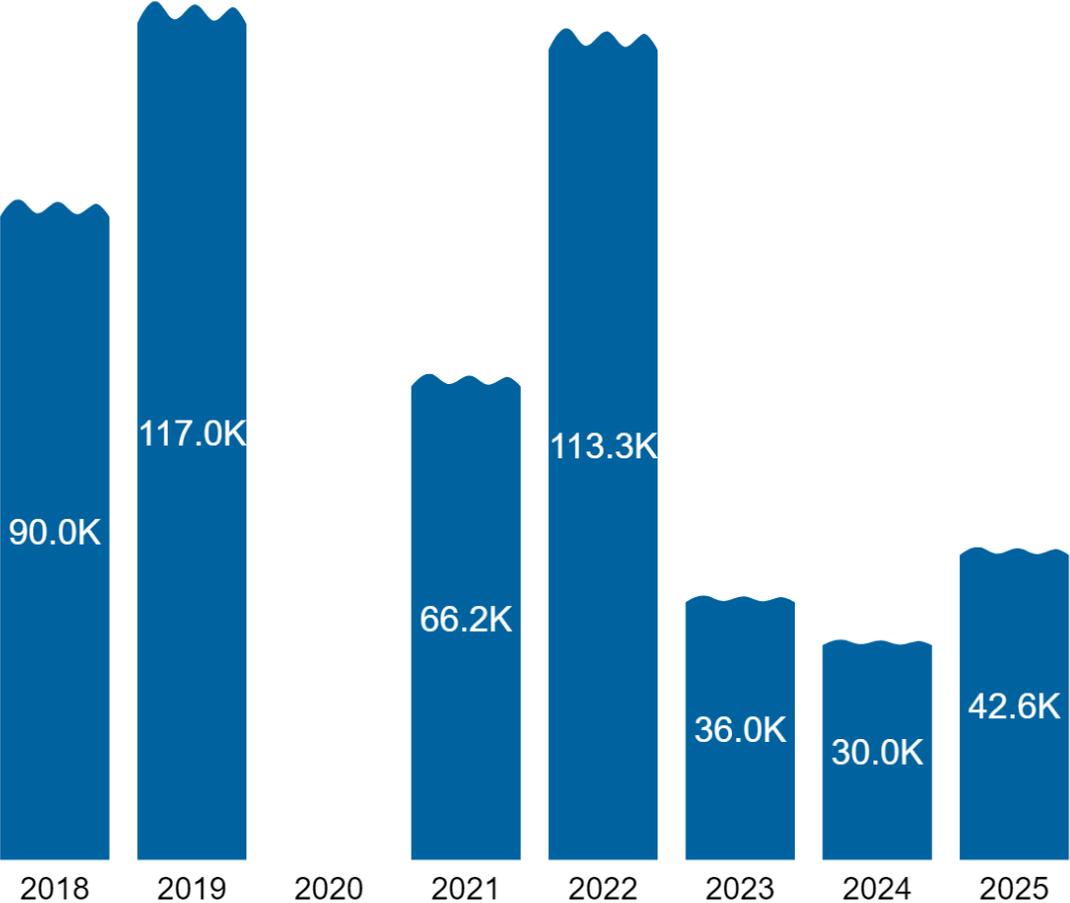
4,653,085,690  
Gallons Saved

Total Inspections  
*Since 2018\**

1,214  
Customer  
Inspections



Average Water Savings Per Customer  
*In Gallons*

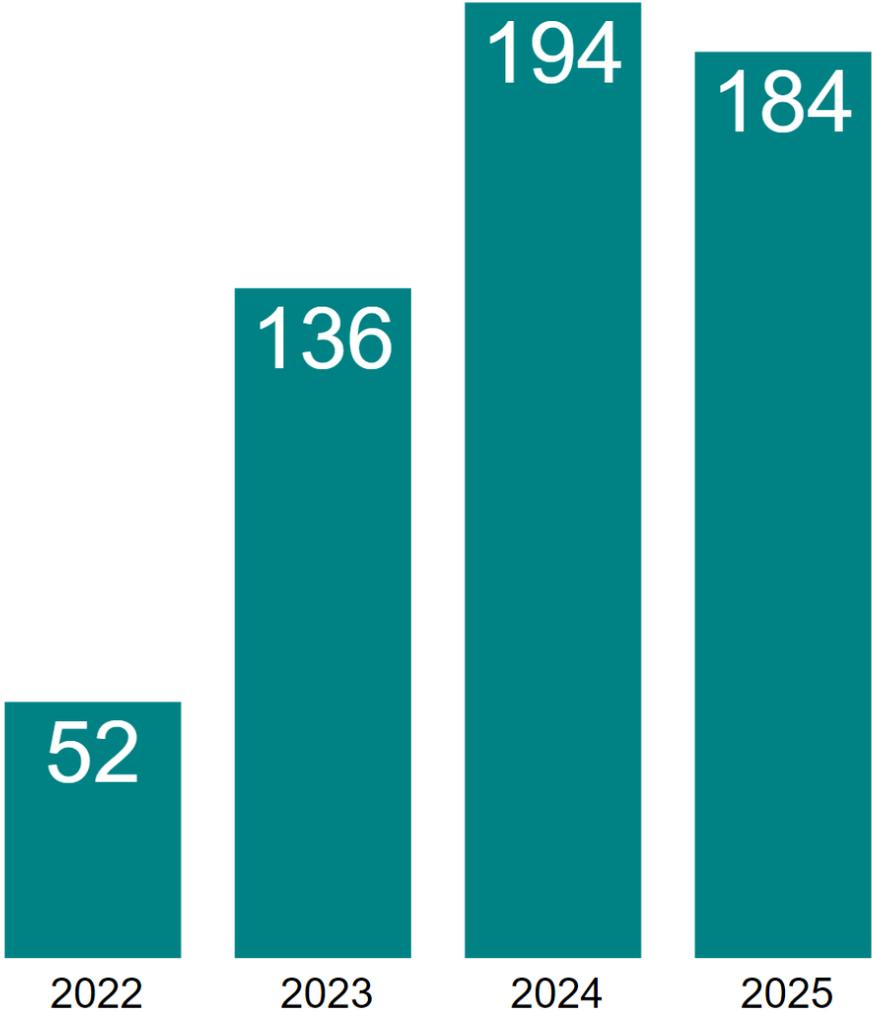


\*Data Through 2025

# Rebate Incentives

## Approved Rebate Applications

**2.43**  
Million Gallons  
Saved



### Rebate Year

- Deselect...
- 2022
- 2023
- 2024
- 2025



### Indoor Products Installed Since 2022

	Multi-Family Residential	Single Family Residential	Total
High Efficiency Toilet	151	211	362
High Efficiency Washing Machine	0	156	156
Hot Water Recirculator	0	16	16
<b>Total</b>	<b>151</b>	<b>383</b>	<b>534</b>



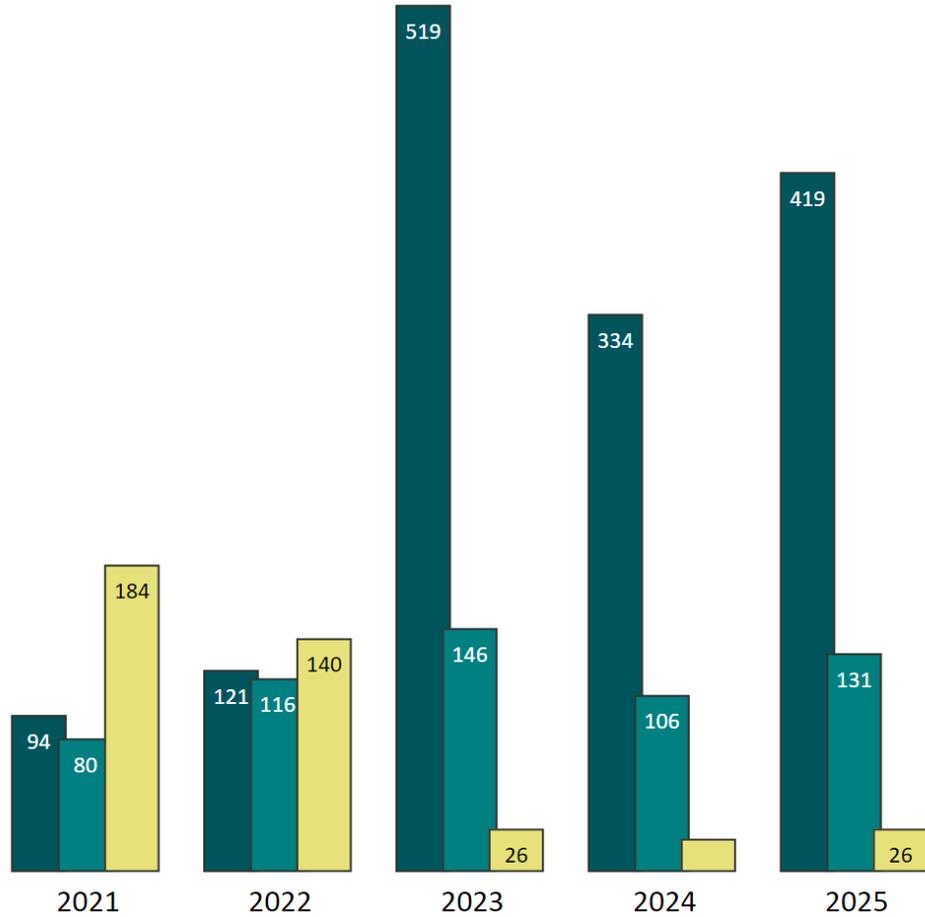
### Outdoor Products Installed Since 2022

	Multi-Family Residential	Single Family Residential	Total
Drip Conversion Kit	0	21	21
High Efficiency Nozzles	166	535	701
Irrigation Submeter	0	0	0
Pressure Regulating Spray Sprinkler	92	249	341
Weather Based Irrigation Controller	1	225	226
<b>Total</b>	<b>259</b>	<b>1030</b>	<b>1289</b>

# Water Waste

## Enforcement Cases Summary

● Inspections ● Resolved Cases ● Average Days to Resolve



## Year

- Desele...
- 2021
- 2022
- 2023
- 2024
- 2025
- 2026

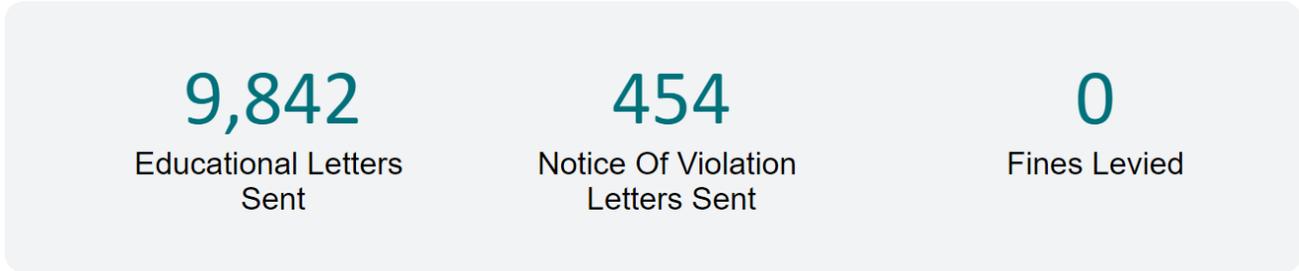
## Engagement Efforts

Since 2021



3,441 Total Activities

**Activities** include verification, notification, inspection, re-inspection, and sending educational letters and Notices of Violation



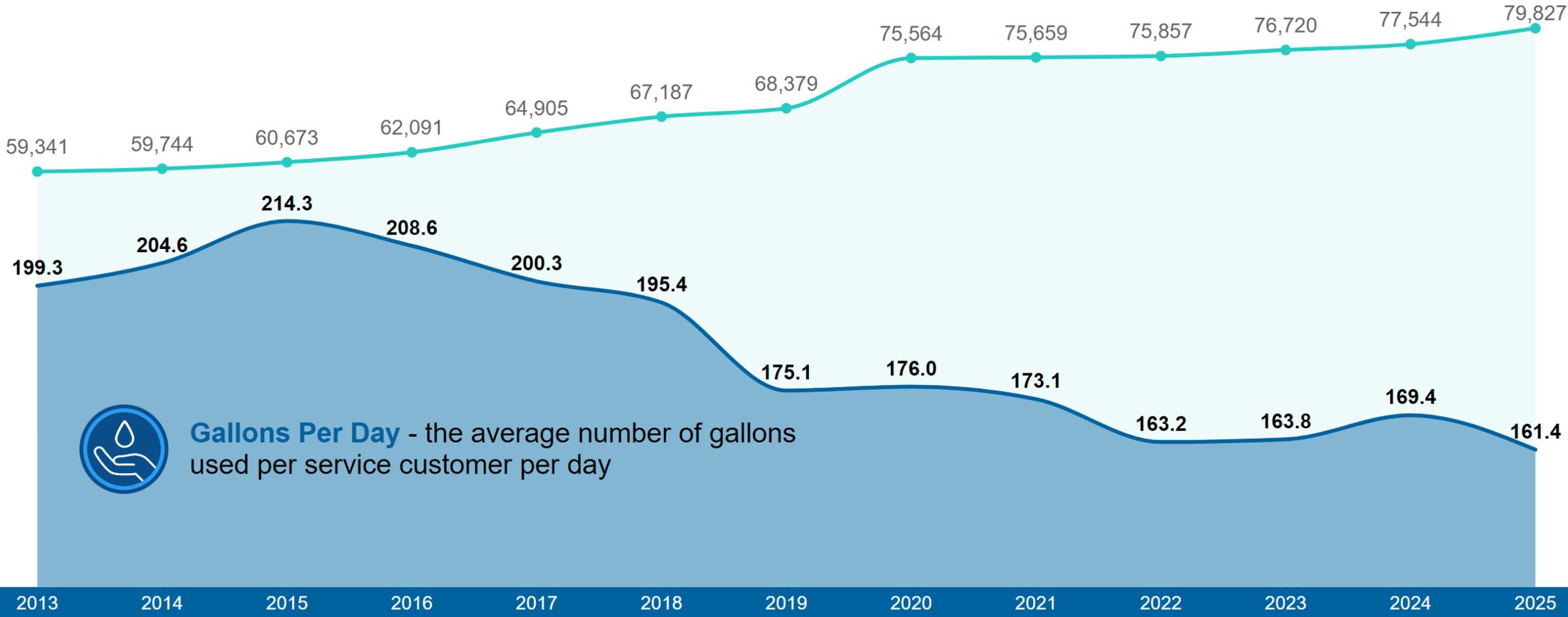
**Contacts** reflect the total number of people engaged through all enforcement case efforts

1,606 Contacts

# City of Bend Water: Gallons Per Capita Per Day (GPCD)

 Gallons Per Day  
 City of Bend Water Service Area Population

**Service Area Population** - change in number of people served by City of Bend Water over time



**Gallons Per Day** - the average number of gallons used per service customer per day

Excludes Avion and Roats customer usage