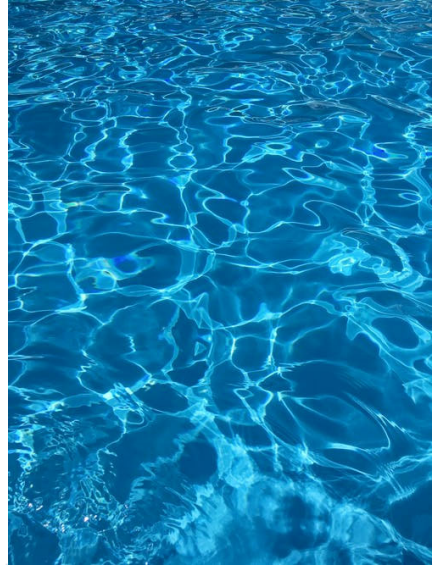


Pueblo County Recreational Water



Recreational Water Fee Updates

On November 23, the Pueblo Department of Public Health and Environment (PDPHE) Board of Health voted to increase fees for the Recreational Water program, effective January 1, 2023. Revenue from fees support the implementation of the PDPHE's Recreational Water Program. Fees for the program were last updated in 2017. See the 2023 fee breakdown below.

The billing process developed in 2022 will continue for 2023. Invoices for Certificates of Operation will be sent out in January 2023 with payments due by February 28, 2023. Certificate Applications only need to be re-submitted if something has changed (e.g. billing contact, management contact, recirculation equipment, etc.).

2023 Certificate of Operation Fees

Year-Round Water Body	\$ 350.00
Seasonal Water Body	\$ 175.00
Additional Year-Round Water Body	\$ 100.00
Additional Seasonal Water Body	\$ 50.00
Fountain	\$ 75.00
Follow-Up Inspection	\$ 75.00

Upcoming Stakeholder Meeting

What: In-person meeting for recreational water stakeholders
 Date: February 15, 2023 Time: 3-5pm
 Where: Pueblo Department of Public Health and Environment
 Conference Room, 3rd floor
 101 W. 9th Street Pueblo CO 81003
 To RSVP: Call 719-583-4464

Unable to meet Model Aquatic Health Code time-sensitive regulations?

Apply for a compliance agreement or variance. Both documents can be found here: <https://county.pueblo.org/public-health/swimming-pools-and-spas>

Compliance Agreement

Unable to install required equipment by January 1, 2023? Or do you need a time extension for the installation? Fill out a compliance agreement application!

Variance Agreement

Does the required equipment pose an undue financial hardship on the facility? Or is the equipment not applicable for a specific venue? Fill out the variance request application.

Compliance agreements and variance requests are evaluated on a case-by-case basis.

Pool Operation Highlight

Turnover Rate

Turnover rate refers to the amount of time it takes to move the entire volume of water in the pool through the recirculation system. The ideal turnover rate varies based on the type of water body. Take a look at the ideal turnover rates for each water body below:

Swimming Pools: 6 hours

Waterparks: 1-4 hours

Spas: 30 minutes

Hospital/Therapy Pools: 3 hours

Wading/Kiddie Pools: 1-2 hours



Flow Rate

Along with the turnover rate, the flow rate plays an important part in maintaining water clarity. The flow rate is measured with a flow meter that is installed on the return flow section of the recirculation piping. The flow rate must be at an adequate speed to meet the required turnover rate. The flow rate is measured in gallons per minute (GPM). The relationship between flow rate and turnover rate can be seen in the equation below:

Pools: $\text{Flow Rate (GPM)} = \text{Pool Volume (gallons)} \div \text{Turnover Rate (hours)} \div 60 \text{ min/hour}$

$\text{Turnover Rate (Minutes)} = \text{Pool Volume (gallons)} \div \text{Flow Rate (GPM)} \div 60 \text{ min/hour}$

Spas: $\text{Flow Rate (GPM)} = \text{Spa Volume (gallons)} \div 30 \text{ minutes}$

$\text{Turnover Rate (Minutes)} = \text{Spa Volume (gallons)} \div \text{Flow Rate (GPM)}$

Example: Autumn's pool has a volume of 40,000 gallons. Autumn wants a turnover rate of 6 hours. What should her flow rate be?

$\text{Flow Rate} = 40,000 \text{ gallons} \div 6 \text{ hours} \div 60 \text{ min/hour}$

$\text{Flow Rate} = 111 \text{ gallons/minute (GPM)}$

Imminent Health Hazards

The adoption of the 2022 Pueblo County Model Aquatic Health Code (MAHC) included updated Imminent Health Hazards (IHH). Imminent Health Hazards are violations which shall require immediate closure or correction. For 2022 routine pool inspections, inspectors were more lenient with IHH closures to help transition into the new regulations. 2023 routine inspections will treat all IHH violations as the immediate closures or corrections as intended in the MAHC. The following IHH violations will result in closures or correction in addition to the other IHH violations listed in MAHC section 6.6.3.

8. Non GFCI protected electrical receptacles within 20 ft of the inside wall of the aquatic venue

9. Failure to maintain an emergency lighting source

10. Absence of all required lifesaving equipment on deck

12. Total absence of or improper depth markings at an aquatic venue

15. Use of unapproved chemicals or the application of chemicals by unapproved methods to the aquatic venue

****Facilities feeding pH chemicals manually must obtain automated pH feeder, compliance agreement or variance by January 1, 2023****