

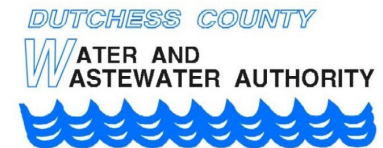
# Dutchess County Water and Wastewater Authority

## North Park Water Zone of Assessment Creation

Jonathan Churins, Executive Director

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Slides presented at public meeting  
September 30, 2025, 5:30-7:30 pm  
Roosevelt Fire Station 3  
830 Violet Ave, Hyde Park, NY

# Our Goals Tonight



## **Introduce**

Introduce DCWWA and the water systems serving your area



## **Inform**

Explain upcoming infrastructure improvements, future water service opportunities, and estimated costs



## **Listen**

Hear your thoughts, concerns, and level of interest



## **Plan**

Work together to determine the next steps that best serve your community

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# About DCWWA

Not-for-profit public benefit corporation

Independent of Dutchess County Government

NYS procurement: competitive bidding

Annual financial audits to ensure transparency

Committed to providing safe, reliable drinking water and effective, responsible wastewater treatment

A dedicated team of professionals delivering full-service solutions for water and wastewater systems

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# Where does drinking water come from?



## **Groundwater**

Pumped from underground aquifers

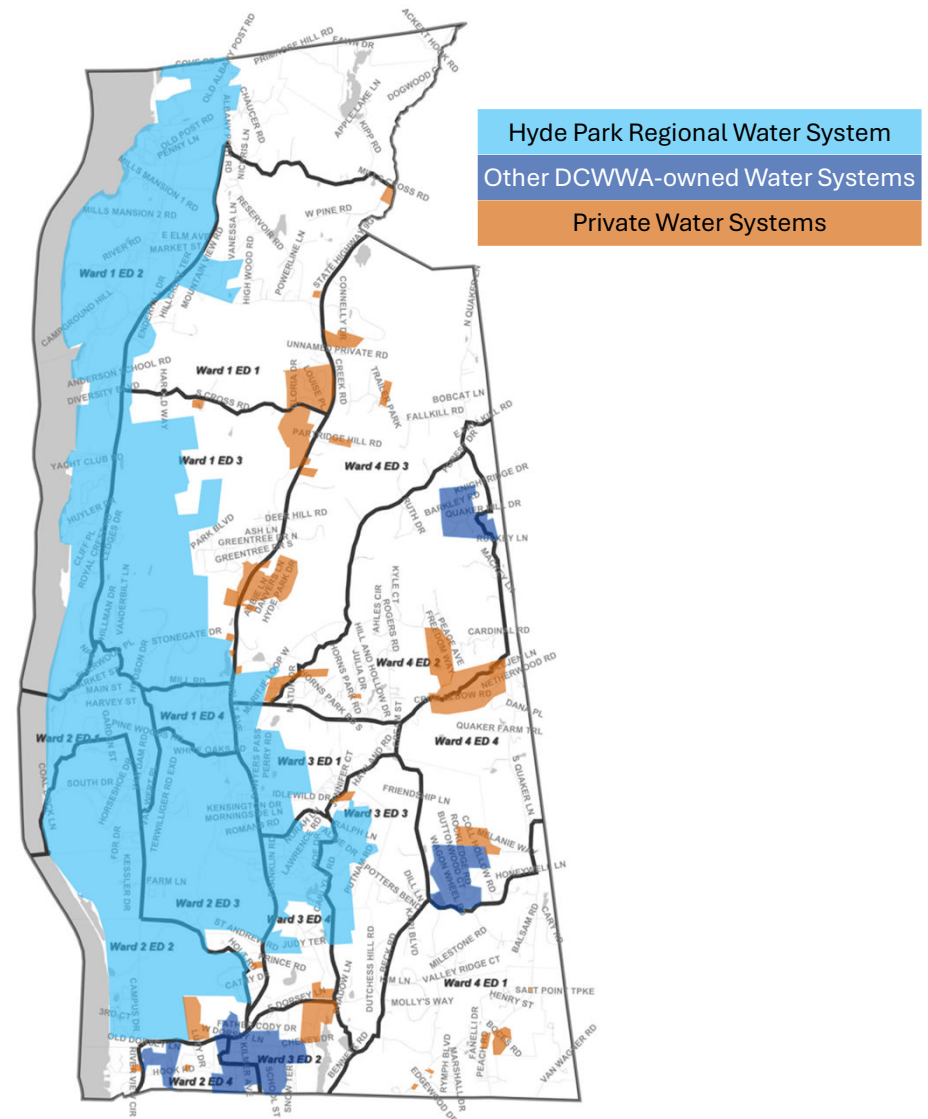


## **Surface Water**

Taken from reservoirs, lakes, or rivers

# Public Water Supplies

- **Shared systems** that provide drinking water to multiple homes and businesses
- Include **infrastructure** such as pumps, treatment facilities, storage tanks, and water mains
- Managed by **State-certified operators** who monitor water quality every day
- **Regulated** by state and federal agencies to meet **strict safety standards**
- **Different from a private well**, which serves just one property and is the owner's responsibility
- **Vary in size, age, quality, and more.**



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# What's in Hyde Park's Groundwater?



## **PFAS**

“FOREVER CHEMICALS”  
DETECTED IN MANY  
LOCAL WELLS AND  
SMALL SYSTEMS



## **HARDNESS**

CALCIUM & MAGNESIUM  
THAT BUILD UP IN PIPES  
AND APPLIANCES



## **IRON & MANGANESE**

CAN STAIN LAUNDRY,  
SINKS, AND FIXTURES  
BROWN OR BLACK



## **OTHER MINERALS**

MAY CAUSE  
UNPLEASANT TASTE,  
ODOR, OR COLOR



## **VARIABLE QUALITY**

EACH WELL IS  
DIFFERENT

**BOTTOM LINE:** GROUNDWATER IN HYDE PARK OFTEN COMES WITH CHALLENGES AND POTENTIAL HEALTH RISKS.

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# Drinking Water Supplies in Hyde Park

- **Hyde Park Regional Water System**

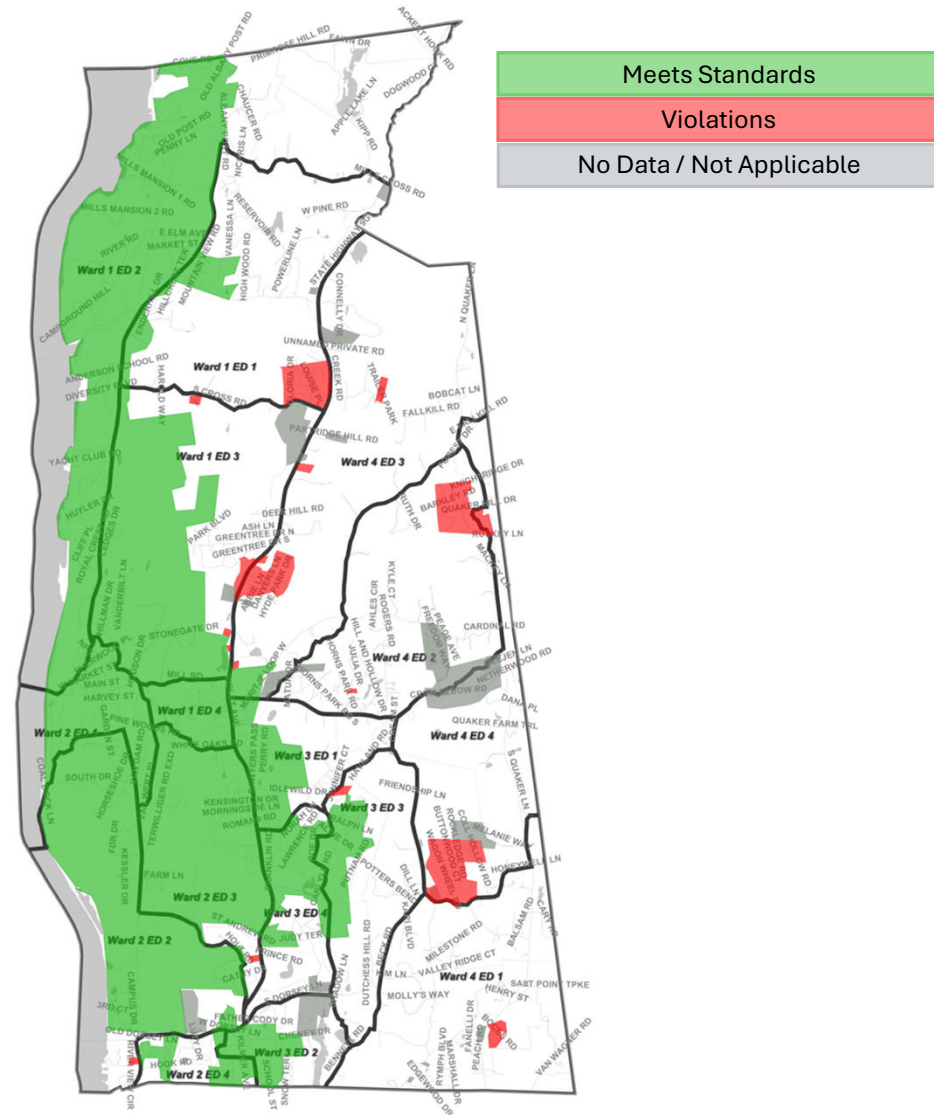
- Draws from the Hudson River
- Multi-stage treatment
- Managed by full-time, professionally licensed staff

- **Small Public Water Systems**

- Draw from groundwater wells
- Limited treatment (often disinfection only)
- Typically managed by part-time staff

- **Private Wells**

- Vulnerable to the same contamination as public wells
- Limited (often no) treatment
- Managed by homeowners

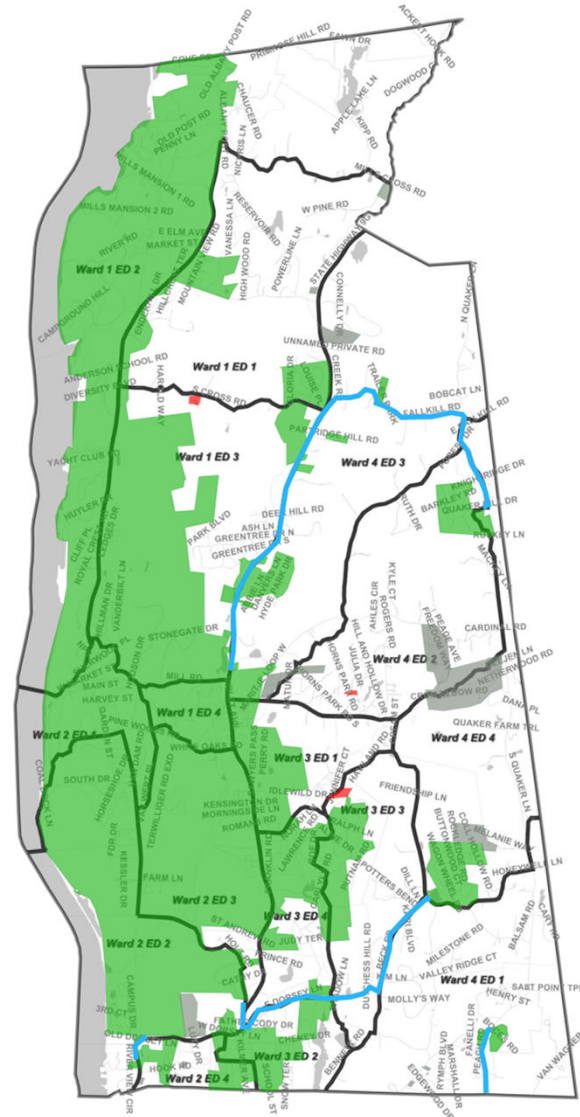


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# Expanding Access to Safe Drinking Water

- DCWWA is **expanding water infrastructure** in Hyde Park
- A **sustainable solution** to current and future water quality problems
- **New water main planned near your property**
- **Your opportunity to connect** to safe, reliable central water



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# The Hyde Park Regional Water System

## Built for Reliability, Committed to Quality



Flagship system  
since 1994



Hudson River: a  
reliable year-round  
supply



Over 1 million  
gallons treated daily



Comprehensive  
Treatment



Trusted water for  
10,000+ *and*  
*growing*

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# About our Project



**4+ miles of new water main** from Hyde Park Regional



**Solves PFAS contamination** at Quaker Hill Estates



**Planning phase**



**\$15M+ in state and federal grants** plus subsidized loan

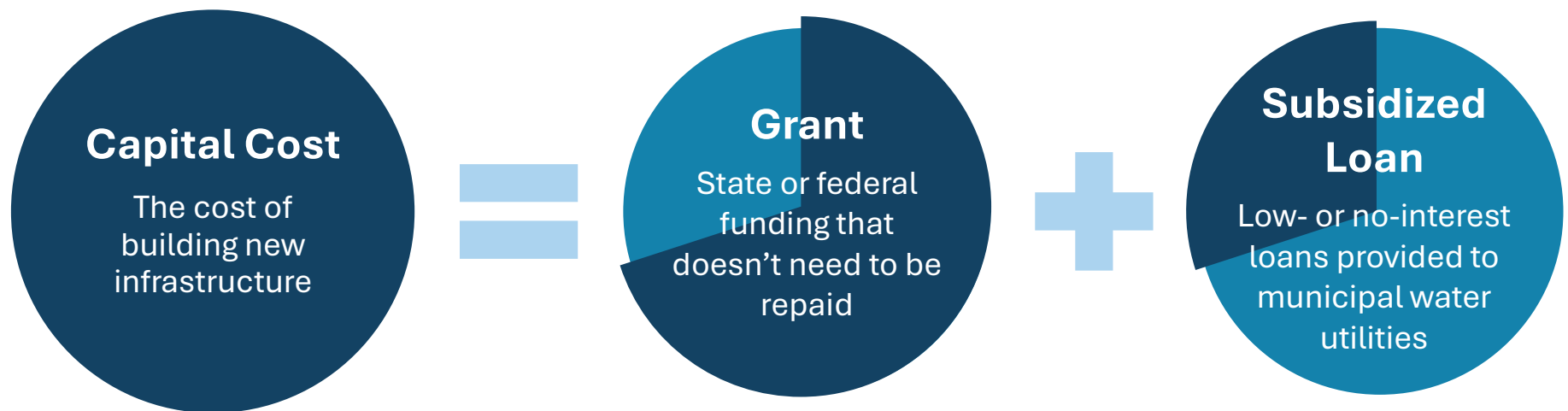


**Future service expansion** to nearby properties



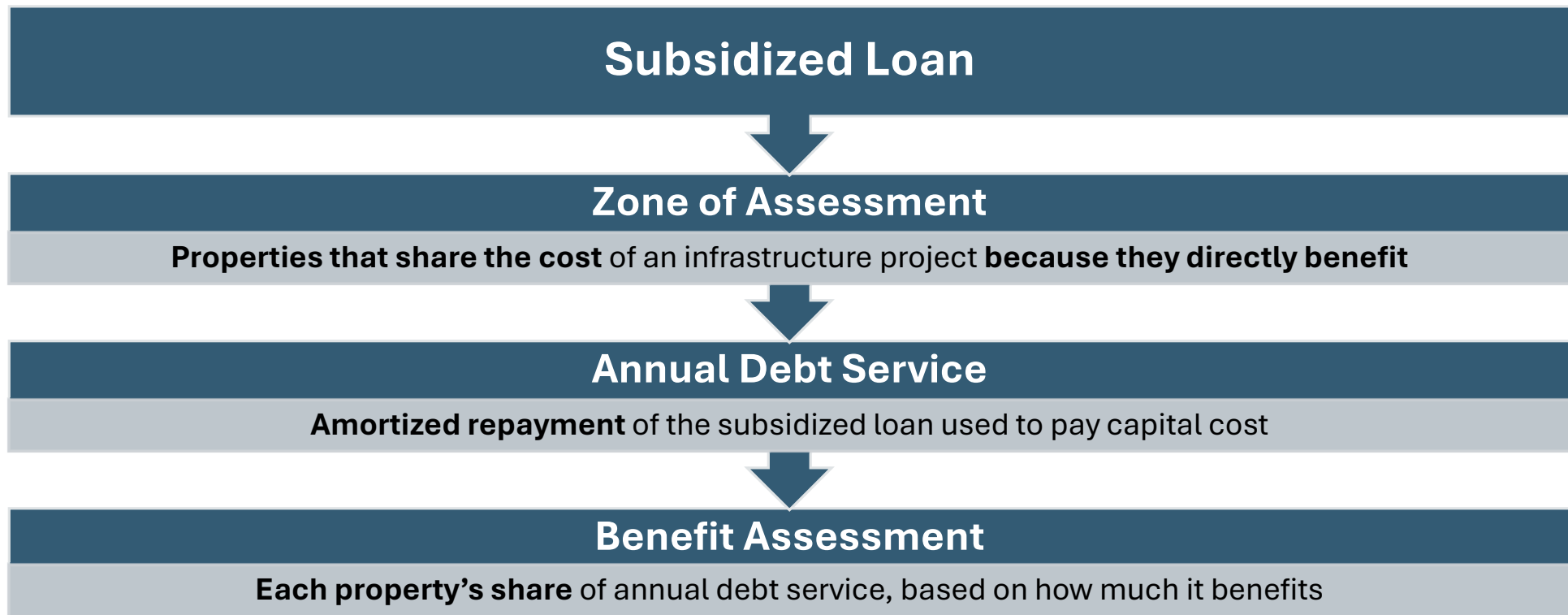
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# How DCWWA Funds Infrastructure Projects



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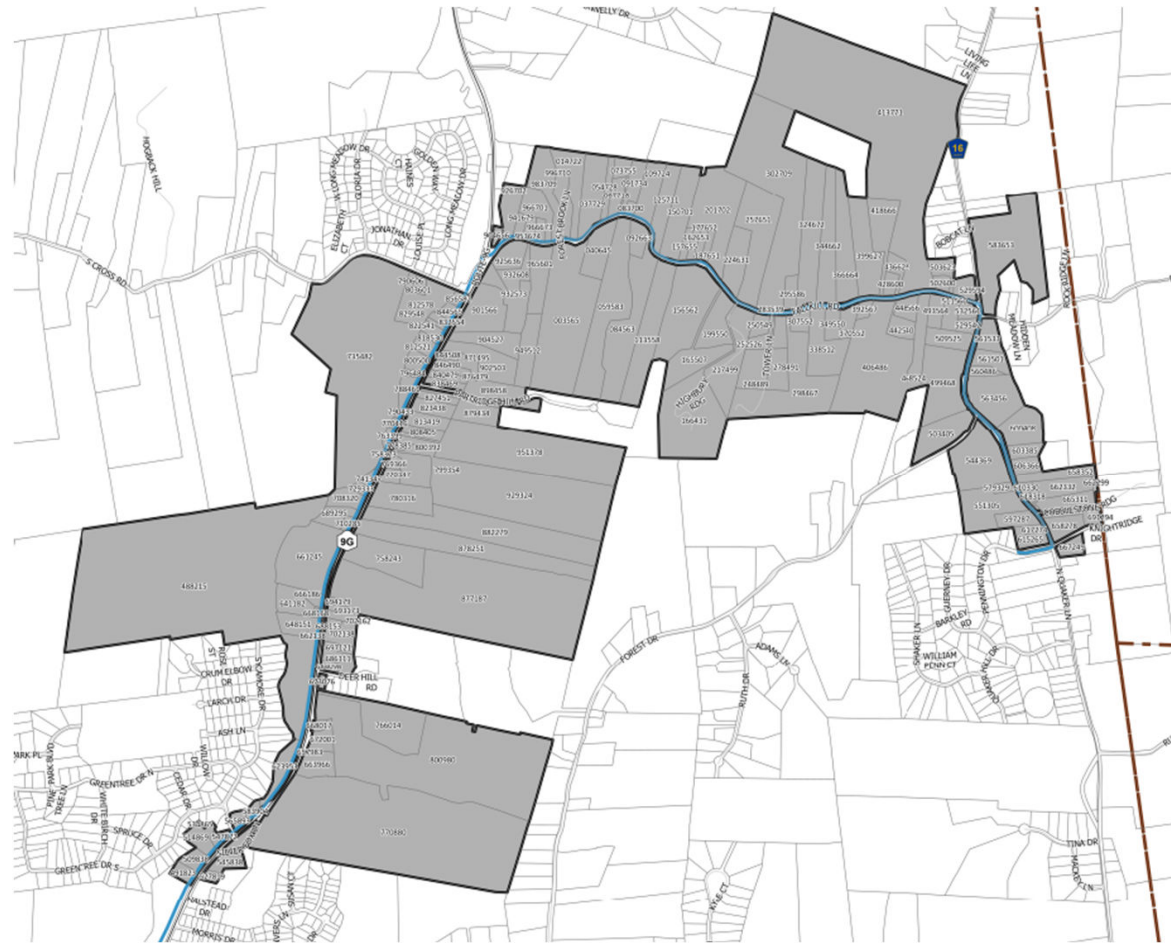
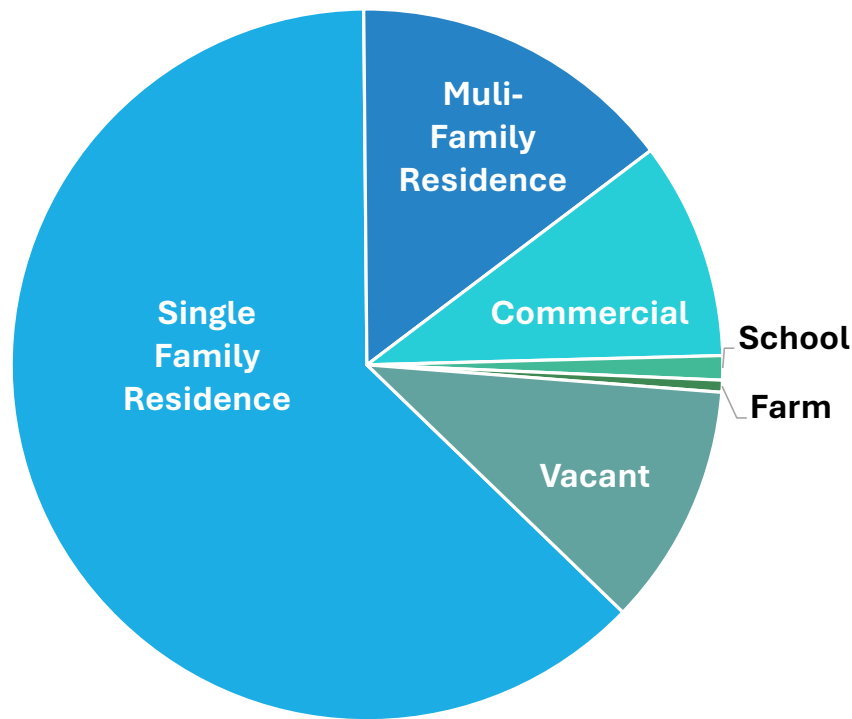
# How DCWWA Funds Infrastructure Projects



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# North Park Water Proposed Zone of Assessment



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# Why Your Property is Included

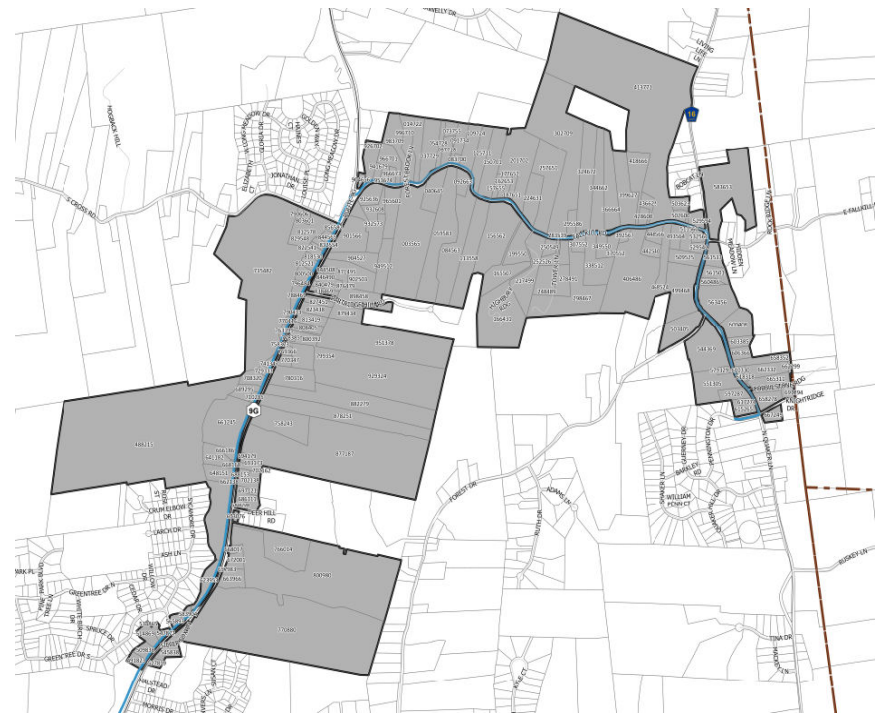
New water main will run **directly in front of or adjacent to your property**

You will have the **opportunity to connect** to safe, reliable central water service

Even if you don't connect right away, the availability of central water **increases your property's value and provides future options**

Fire Protection, where available, **may lower your insurance costs**

The Zone ensures that **costs are shared fairly** among all properties that can benefit



# How DCWWA Funds Water Systems

## Capital Improvements

- Funded by **benefitted properties** based on benefit assessment
- Paid through **annual property tax bill**
- Covers **big, long-term projects**
  - New water mains
  - Storage tanks and pump stations
  - Treatment upgrades

## Operations and Maintenance (O&M)

- Funded by **system users** based on metered consumption
- Paid through **quarterly water bills**
- Covers **daily costs** of running the system
  - Electricity
  - Chemicals
  - Staff
  - Testing
  - Repairs

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# How DCWWA Funds Water Systems

## Your New Water Main

Estimated project cost: \$21.9 million  
State grant covers: \$15.3 million  
Estimated borrowing: \$ **6.6 million**

**Your estimated annual share: \$491**  
(for a single-family residence under 3 acres)

## Other System Improvements

Your portion of shared infrastructure:  
treatment plant, storage tanks, and more

**Your estimated annual share: \$138**  
(for a single-family residence under 3 acres)

# O&M: Your Quarterly Water Bill (2025 rates)

## Monthly Service Charge

### Flat fee based on service line size

- **\$24.73** for ¾”
- **\$34.62** for 1”

Covers **expenses that don't vary** based on how much water is treated

- Daily water quality testing
- Certified staff to operate the system
- Insurance and regulatory compliance
- 24/7 system readiness

## Metered Usage Rate

### Based on actual gallons used

- **\$9.12 per 1,000 gallons**
- Use more, pay more

Covers the cost of treating, storing, and distributing **each gallon**

- Electricity
- Treatment chemicals
- Wear and tear on equipment
- Labor

## Putting it together: Your Estimated Total Annual Cost

Cost Category		Typical Annual Cost	
		Single-Family Home	Vacant Land
O&M	Service Charge	\$297	\$0
	Metered Usage Rate	\$547	\$0
Capital	Benefit Assessment	\$629	\$502
Total Annual Cost		<b>\$1,473</b>	<b>\$502</b>

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# Annual Costs of Private Wells

Cost Category		Typical Cost Range for a Single-Family Home		
		Low	Average	High
O&M	Electricity to run well pump	\$200	\$400	\$1,000
	Filters, softener salt, UV, etc.	\$80	\$300	\$750
	Bottled water for home use	\$0	\$500	\$1,500
Capital	Well pump replacement	\$975	\$1,750	\$2,500
	Pressure tank replacement	\$1,000	\$1,500	\$2,500
	Drilling a new well	\$2,000	\$8,000	\$12,000+

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# Why Choose Central Water?

## **Safe & Tested**

Water is monitored daily to meet State & Federal standards

## **No More Well Worries**

Avoid costly repairs, treatment systems, and running dry

## **Peace of Mind**

Protection from PFAS and other contaminants in local groundwater

## **Convenience**

Reliable water service even during power outages or droughts

## **Property Value**

Homes with central water are more attractive to future buyers

**Connecting could mean fewer headaches, lower risk, and more long-term value**

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# How Do I Connect and What Does it Cost?

## Apply

One-Time Fixed Fee  
**\$1,150**

Submit a Water Service Application  
Connection fee, which pays for:

- Engineering review
- Drawings/materials review, inspection & approval
- Water meter (up to 4")
- Service tap
- Curb valve

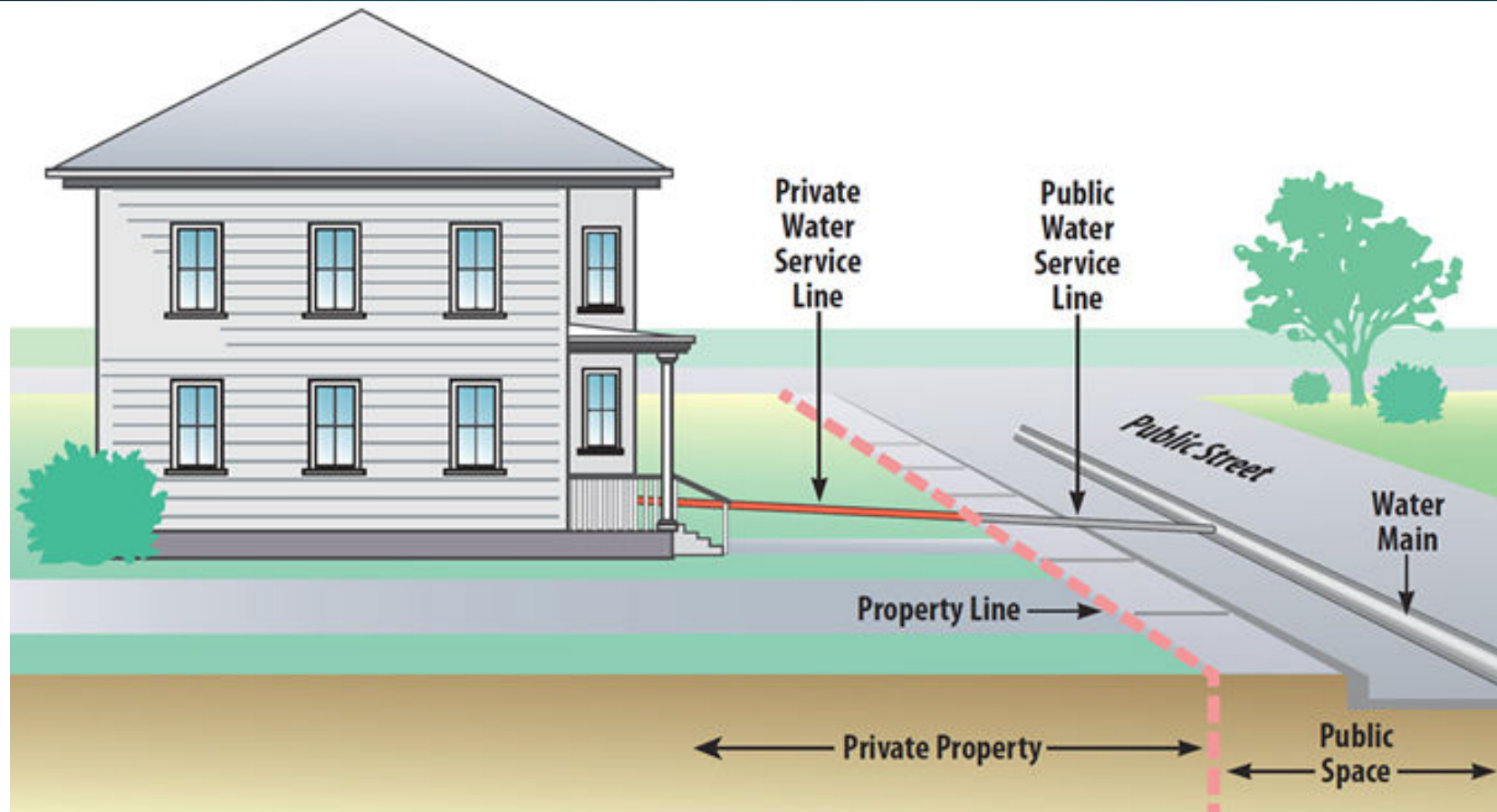
## Connect

Cost Varies by Property  
**Typical Range: \$3,000 - \$7,000**

Hire a qualified contractor to:

- Excavate and install your service line
- Install your water meter
- Backfill and restore road/driveway/yard as needed
- Properly disconnect and abandon your well

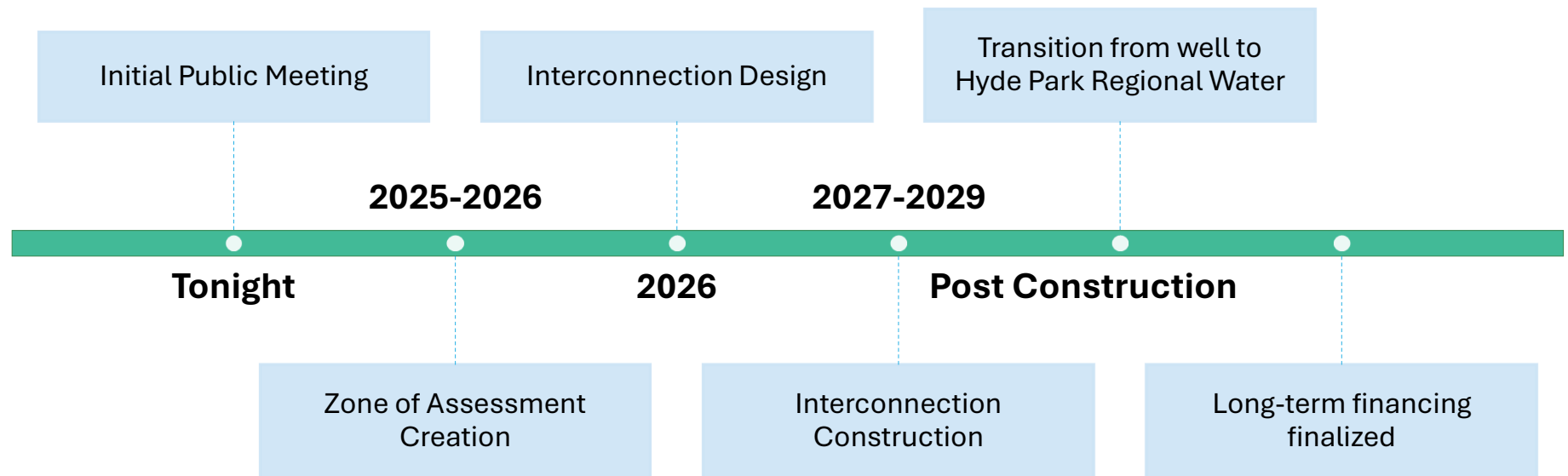
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# Your Water Future: Key Milestones



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# Questions?

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