

Non-Communicating Water Meter Service Program

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City of Bellevue

Direction Needed from Commission

Staff are seeking the Commission's recommendation on the proposed Non-Communicating Water Meter Service Program.



Agenda

1. Smart Water Meter Refresher

2. Non-Communicating Meter Service

1. Customer Impacts
2. Eligibility
3. Application
4. Fees

3. Feedback



Smart Water Meter Refresher

- 10,000 residential meter installation has begun
- Field testing of cellular transmitters has begun
- Cellular transmitter installation begins in Q3 of 2021



Our New Water Meter Standard

- Digital meter + cellular transmitter
- Primary Benefits
 - Understand and manage water consumption
 - Detect possible leaks earlier
 - Eliminates manual meter reading
 - Simplifies and improves billing
 - Improves water system management

Non-Communicating Meter Service Program



Non-Communicating Meter

Standard meter

Digital meter + cellular transmitter

Non-communicating meter

Digital meter only; **no cellular transmitter**



Customer Impacts

Lost Benefits

- Unable to receive timely water consumption data to manage bills
- Unable to receive AMI continuous flow alerts to identify potential leaks
- Ineligible for leak adjustments

Subject to New Fees

Eligibility

Available to existing single-family customers

- Commercial and Multi-Family – Not Eligible

Application Window

- Through AMI substantial completion (~mid-2022)

Long-term goal: no non-communicating meter service

Application

- Agree to terms and conditions
- Agree to fees
- Tenants must have the owner's approval

Fees

\$80 One-time application/processing fee

- Application review, coordination with customers
- Modify customer information system
- Coordination with installers and field staff
- Future installation of transmitter upon sale of property

\$30 One-time transmitter removal fee*

*waived if transmitter has not been installed yet

\$15 Recurring manual meter-reading fee

- Currently every two months





Direction Needed from ESC

Staff are seeking the Commission's feedback on the Non-Communicating Meter Service Program.

Market Research

Allow Non-Communicating Water Meters?			
Utilities With Water AMI	Single-Family	Commercial	Multi-Family
Auburn	No	No	No
Monroe	No	No	No
Olympia	No	No	No
Renton	No	No	No
Sammamish Plateau Water	No	No	No
Tacoma	No	No	No
Walla Walla	No	No	No
Woodinville	No	No	No
Yakima	No	No	No

*Issaquah, Kirkland, Redmond and SPU do not have water AMI.