



KCWD90 — Portable Emergency Intertie with City of Renton

WHAT?

Portable Intertie with City of Renton

- ◇ Emergency Agreement with the City of Renton to supply 1,250gpm if access to Pump Station #1 is impacted.
- ◇ Pump Station #1 pumps at 2,300gpm from SPU and Supplies 95% of the Districts water use.



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Who?

- ◇ This contract is funded by FEMA.
- ◇ Once the new portable Pump Trailer is purchased, additional work will be completed by District Staff.



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When?

- ◇ FEMA is currently reviewing the District's Portable trailer design.
- ◇ Project will go out to bid late 2025 or early 2026
- ◇ By 2026, District will have increased resiliency and water supply redundancy.



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Why?

- ◇ Would allow the District to receive an emergency supply of potable water from the City of Renton.
- ◇ The District receives 2,800gpm from Seattle Public Utilities (SPU) at Pump Station #1.
 - ◇ The District has only **ONE** connection to SPU.
- ◇ District would be able to receive 50% (1,250gpm) of normal supply if PS #1 was damaged .
- ◇ District could **add** 1,250gpm to existing 2,300gpm during a wildfire event or multiple fire event.



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What's Included?

- ◇ Portable Pump Trailer
- ◇ Permanent enclosure at Pump Station #1— for security
- ◇ Isolation Flow Valves
- ◇ Flow Meter
- ◇ Quick Connect Camlocks
- ◇ Backflow Prevention Device





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How Much?

- ◇ Total Project is expected to cost \$400,000
- ◇ Project is funded by a “Building Resilience In Communities” (BRIC) FEMA Grant.
 - ◇ FEMA = 75% (\$300,000)
 - ◇ St. of WA = 12.5% (\$50,000)
 - ◇ KCWD90 = 12.5% (\$50,000)