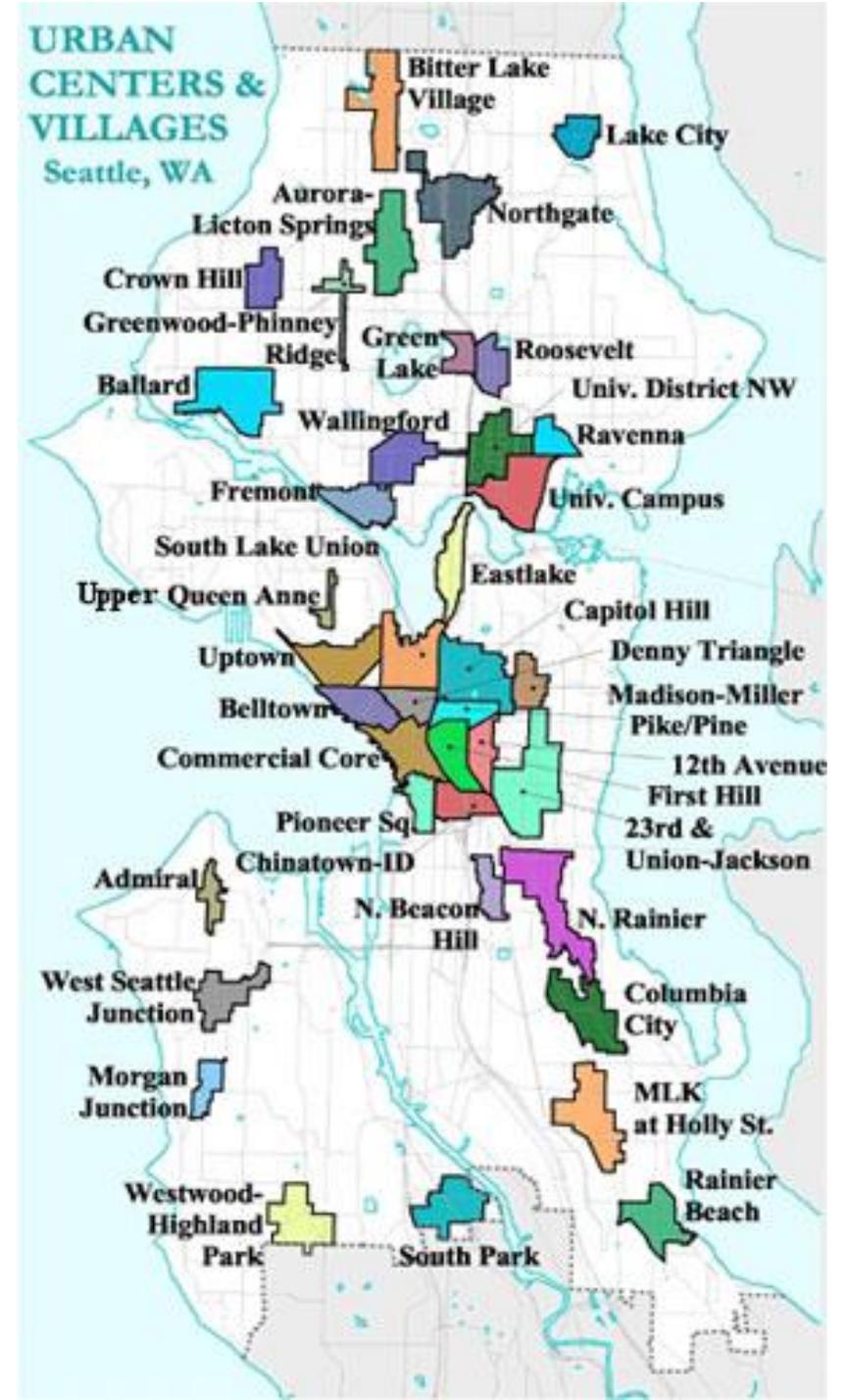


## EXPANDED GREEN STORMWATER INFRASTRUCTURE (GSI)

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*Focus:*

- *Seattle's 26 Urban Center and Village Areas*
- *Support City's Growth and Affordability Plans*





## SPU INVESTMENT IN COMMUNITIES

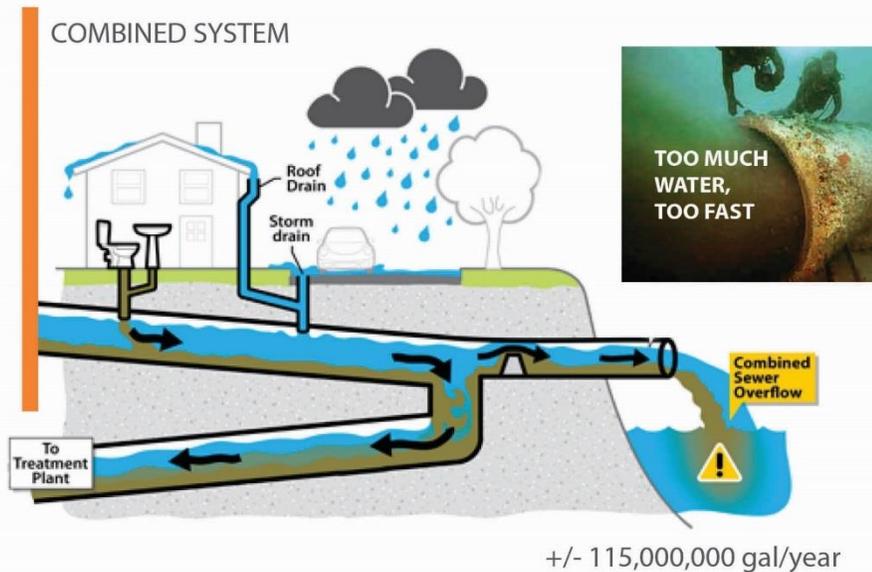
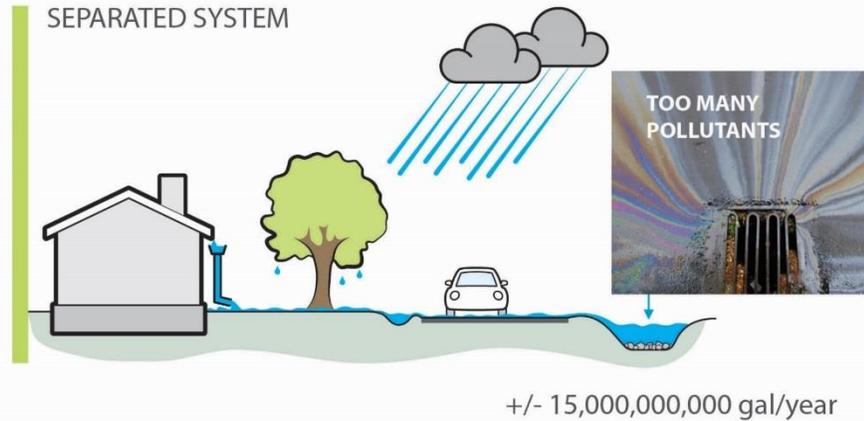
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- *Address Infrastructure Problems and Needs*
- *Leverage Partnerships and Alternative Financing; and*
- *Contribute to Livability and Placemaking.*



# SEATTLE'S STORMWATER SYSTEM IS COMPLICATED

SEATTLE HAS DIFFERENT PROBLEMS IN DIFFERENT PLACES



*Rely on Varied Approaches, Partnerships*

*Separated System (Green)*

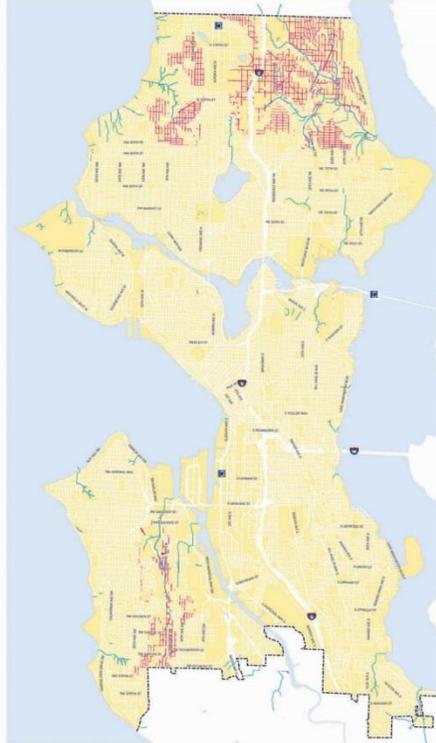
- *Slow the Flow*
- *Remove Pollutants*

*Combined System (Yellow, Orange)*

- *Peak Flow Delay*
- *Volume Removal*

# CURRENT PROGRAM: GSI REGULATORY FOCUS

## PRIORITY ISSUES AND FOCUS AREAS IN SEATTLE'S 5-YEAR GSI STRATEGY

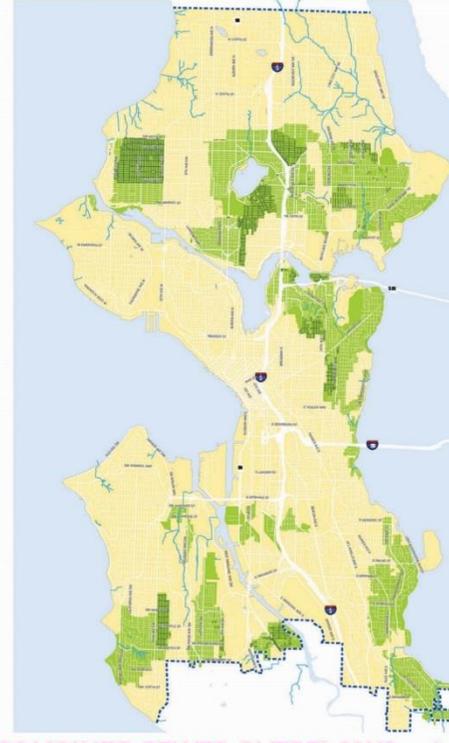


In separated systems, partnership programs focus on **slowing the flow** and **pollutant removal** for creek protection

**POLLUTED RUNOFF FLOWS DIRECTLY INTO CREEKS**

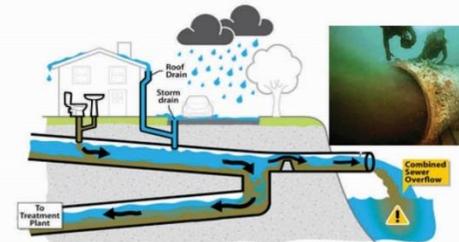


+/- 1,800,000,000 gal/year (**1.8 BILLION**)



In combined systems, partnership programs focus on **peak flow delay** and **volume removal**

**COMBINED SEWER OVERFLOWS > 1x/YEAR**



+/- 115,000,000 gal/year (**115 MILLION** in 2015)

## NEW PROGRAM: GSI URBAN VILLAGE FOCUS

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### *Proposed Approach:*

#### *1. Planning Level Opportunities Analysis*

- *\$600,000/year (existing \$)*
- *Recently completed Ballard, Delridge*
- *Pace = 2 villages per year*
- *2017 = Rainier Beach, Crown Hill*
- *Align w/ Livability, Equity & Environment Initiatives*

#### *2. Green Stormwater Infrastructure Implementation*

- *Up to \$5 Million/year = 10 blocks (new \$)*
- *Begin around 2020*



# FOCUS ON RAINIER BEACH



## Near-Term (existing programs)

- *Aggregate RainWise incentives*
- *Earmark additional SDOT sidewalk funds for partnership*

## Longer-Term (new resources)

- *Evaluate beyond-Code improvements when City-owned parcels or ROW are redeveloped.*
- *Explore joint acquisition + development esp. green/space open space gap areas.*
- *Foster strategic partnerships with special land uses/partners for new typologies, long-term stewardship*

