

Structural Stormwater Controls Project List – Projects in Planning, Design, or Construction

| Project Name | Project Type | Status | Cost Est. | Basin Area (ac) | LID Equiv. Area | LID Point Factor | RT Equiv. Area | RT Point Factor | FC Equiv. Area | FC Point Factor | Other Project Area-Ac or mi | Other Point Factor | Total SSC Program Points | Lat / Long (X,Y) | Receiving waterbody name | Comments |
|--|--------------|--------------|---|---|-----------------|------------------|----------------|-----------------|----------------|-----------------|-----------------------------|--------------------|--------------------------|------------------------|--|--|
| Natural Drainage System Partnering Program (NDS) – see specific projects below | 2 | Various | 62M (total program – see specific projects below) | 46.8 EIA* (total project – see specific projects) | NA | NA | NR | NR | NR | NR | NA | NA | NA | Various | Longfellow Creek, Pipers Creek, Thornton Creek | Construct bioretention in MS4 basins that drain to Pipers, Thornton, and Longfellow Creeks along about 4 miles of right-of-way. \$6.85M (9%) from King County Flood Control District grant. *Effective Impervious Area (EIA) treated is being reported at this time as it is the metric used for project development. |
| Longfellow NDS | 2 | Construction | 11.9M | 6.0 EIA | NA | NA | NR | NR | NR | NR | NA | NA | NR | 47.531889, -122.363256 | Longfellow Creek | This project is constructing bioretention in the ROW at three project sites to manage a total of 6 acres of effective impervious area (EIA). This project is being built in partnership with Seattle’s Department of Transportation (SDOT) to also include pedestrian mobility and safety improvements. \$3.95M from King County Flood Control District grant. The project is located in an overburdened community. |
| Holden NDS* | 2 | Planning | 2.6M | 2.0 EIA | NA | NA | NR | NR | NR | NR | NA | NA | NR | 47.533665, -122.355140 | Longfellow Creek | This project will construct bioretention in the ROW to manage a total of 2 acres of EIA at one site. This project will also provide traffic calming in priority areas for SDOT and the community. *This project is not eligible for SSC Program Points due to “Planning” project status as of 12/31/2022 |
| Broadview/12 th Ave NW NDS | 2 | Design | 4.0M | 4.0 EIA | NA | NA | NR | NR | NR | NR | NA | NA | NR | 47.722363, -122.359658 | Pipers Creek | This project will construct bioretention in the ROW along 3 blocks to manage a total of 4 acres of EIA. |
| Pipers Creek NDS* | 2 | Planning | 5.0M | 5.0 EIA | NA | NA | NR | NR | NR | NR | NA | NA | NR | Various, NR | Pipers Creek | This project will construct bioretention in the ROW along 5-6 blocks to manage a total of 5 acres of EIA. *This project is not eligible for SSC Program Points due to “Planning” project status as of 12/31/2022 |

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| South Thornton NDS | 2 | Design | 19.0M | 13.9 EIA | NA | NA | NR | NR | NR | NR | NA | NA | NR | 47.706330, -122.304362 | Thornton Creek | This project will construct bioretention in the ROW at 4 project sites to manage a total of 13.9 acres of EIA. \$2.9M from King County Flood Control District grant. |
| North Thornton NDS* | 2 | Planning | 17.7M | 13.0 EIA | NA | NA | TBD | NR | NR | NR | NA | NA | NR | Various, NR | Thornton Creek | This project will construct bioretention in the ROW along 13-16 blocks to manage 13 acres of EIA. A portion of this project will be located in an overburdened community. *This project is not eligible for SSC Program Points due to "Planning" project status as of 12/31/2022 |
| 30 th Ave NE Sidewalk and NDS | 2 | Completed/Maintenance | 1.3M | 1.9 EIA | NA | NA | NR | NR | NR | NR | NA | NA | NR | 47.722889, -122.296425 | Thornton Creek | This project constructed bioretention along 3 long blocks in partnership with SDOT to also build sidewalks along the same blocks. Construction was completed in 2019. This project manages 1.9 acres of EIA. |
| 12 th Ave NE Sidewalk and NDS | 2 | Completed/Maintenance | 0.5M | 1.0 EIA | NA | NA | NR | NR | NR | NR | NA | NA | NR | 47.713439, -122.315273 | Thornton Creek | This project constructed bioretention along 1 long block in partnership with SDOT to also build sidewalks along the same block. Construction was completed in 2020. This project manages 1.0 acres of EIA. |
| Green Infrastructure in Urban Villages Program (UVP) – see specific projects below | 2 | Planning | \$25M | 46 acres | NR | NR | NR | NR | NR | NR | NR | NR | NA | Various, TBD | Various (Citywide program for urban villages and urban centers) | Capital program focused on upgrading drainage and wastewater infrastructure in high growth urban neighborhoods, using GSI. Emphasis on development partnerships and multiple community benefits. Includes projects in creek basins. |
| UVP: 17 th Ave NW Stormwater Improvements* | 2 | Planning | \$12M | 20 acres EIA | NR | NR | NR | NR | NR | NR | NR | NR | NR | 47.692445, -122.378979 | Puget Sound | Capital project will reduce street flooding and sewer backup risks. Green and gray infrastructure improvements on a neighborhood greenway street to improve capacity and decrease flow volume – includes bioretention and UICs. *This project is not eligible for SSC Program Points due to "Planning" project status as of 12/31/2022 |

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| UVP: Chief Sealth Trail GSI* | 2 | Planning | \$3.8M | 7.8 acres EIA | NR | NR | NR | NR | NR | NR | NR | NR | NR | 47.531506, -122.283422 | Lake Washington | Capital project to build regional bioretention facility managing runoff from an uphill residential catchment. Water quality treatment, with secondary peak flow benefits to reduce downstream flooding risks. *This project is not eligible for SSC Program Points due to "Planning" project status as of 12/31/2022 |
| UVP: Lake City Floodplain Park* | 9 | Planning | \$3M | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 47.719522, -122.303422 | Thornton Creek | Joint acquisition and development partnership with Seattle Parks, design partnership with Mid Sound Fisheries Enhancement. Floodplain reconnection, hyporheic water quality treatment, and public open space on the north branch of Thornton Creek. *This project is not eligible for SSC Program Points due to "Planning" project status as of 12/31/2022 |
| UVP: Roxhill Wetland Flow Reroute* | 2 | Planning | \$6M | 18 acres EIA | NR | NR | NR | NR | NR | NR | NR | NR | NR | 47.519472, -122.367911 | Roxhill Wetland, Longfellow Creek | Partnership with community NGOs to restore a historic wetland at headwaters of Longfellow Creek. SPU's portion of the project is rerouting MS4 flows into the wetland and provide water quality treatment to the MS4 flow prior to discharging to wetland. *This project is not eligible for SSC Program Points due to "Planning" project status as of 12/31/2022 |
| Longfellow Starts Here* | 2 | Planning | NR | NR | NA | NA | NR | NR | NR | NR | NR | NR | NR | Various, NR | Longfellow Creek | This project will construct Green Stormwater Infrastructure (GSI) in the Longfellow basin as part of the larger goal to reduce CSOs to Longfellow Creek and provide treatment to the stormwater discharges to Longfellow creek. A portion of this project will be located in an overburdened community. *This project is not eligible for SSC Program Points due to "Planning" project status as of 12/31/2022 |
| Longfellow Creek Floodplain Reconnection* | 9 | Planning | \$10M | TBD | NR | NR | NR | NR | NR | NR | NR | NR | NR | Various, TBD | Longfellow Creek | Project is evaluating 5 floodplain reconnection sites between SW Genesee and Sylvan Way SW. Project anticipates improved habitat, flow control and water quality benefits. \$1M in funding from King County. *This project is not eligible for SSC Program Points due to "Planning" project status as of 12/31/2022 |

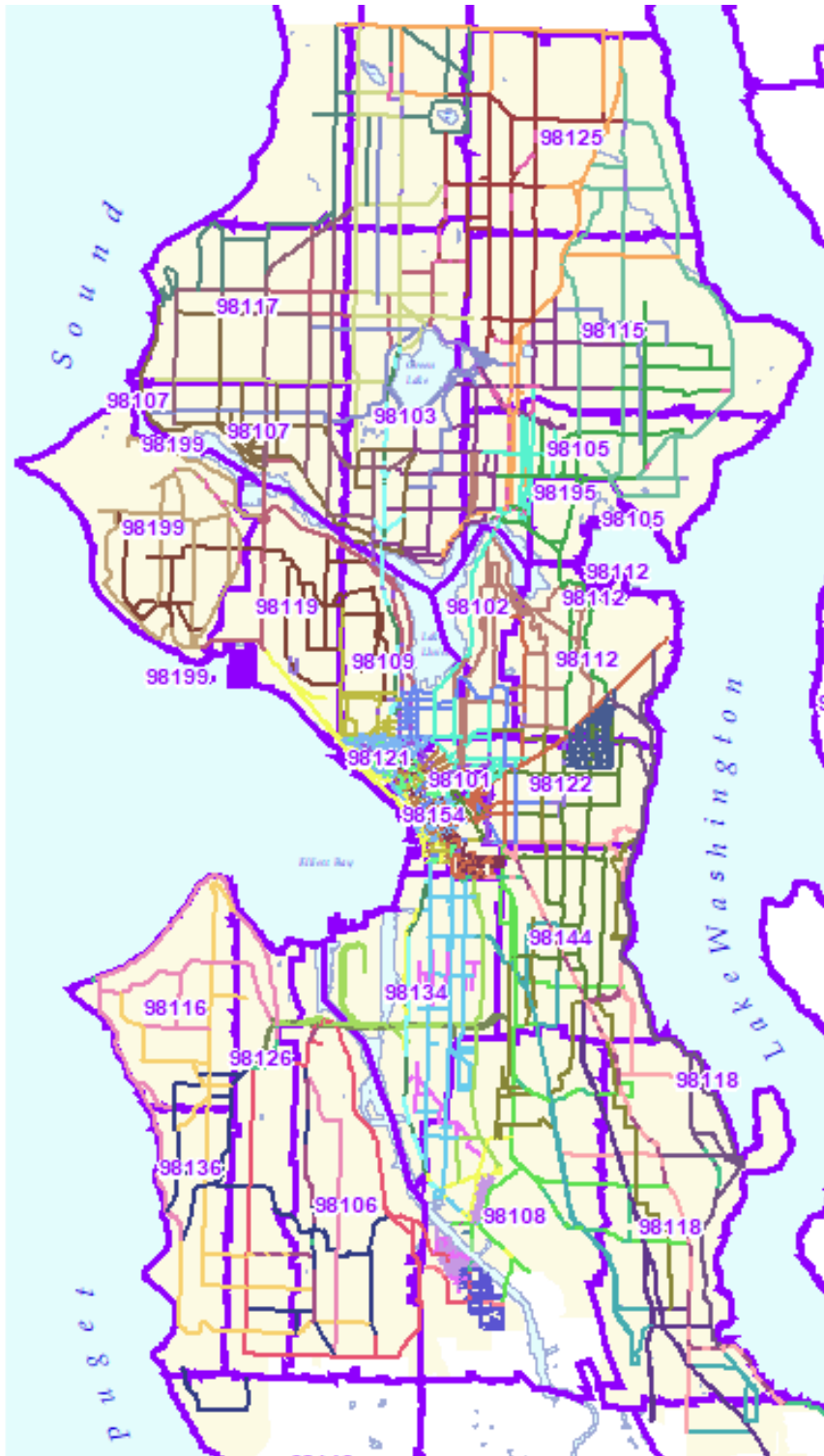
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| Street Sweeping for Water Quality 2022 | 11 | Completed/Maintenance | 1.5M | NA | NA | NA | NA | NA | NA | NA | 629 curb miles | NU | 9,163 | City-wide | Lake Washington, Lake Union, Ship Canal/Salmon Bay, Puget Sound, Duwamish Waterway, Longfellow Creek, Pipers Creek, Thornton Creek | High efficiency sweeping of arterial roadways in MS4. In 2022, swept 9,960 broom-miles to pick up 1,950 wet tons containing 164 dry tons TSS equivalent and attached pollutants. Swept 43 individual routes for a total of 9,544 curb-miles in the MS4 at an average frequency of 24 times/year (range of 1 to 45 times/year). For each route, points were calculated using: (curb-miles x (# events – 1)). A portion of this project is part of the implementation of the Ecology-approved Lower Duwamish Waterway (LDW) Source Control Adaptive Management Plan A portion of this project is located in an overburdened community. |
| Street Sweeping for Water Quality 2021 | 11 | Completed/Maintenance | 1.7M | NA | NA | NA | NA | NA | NA | NA | 657 curb miles | NU | 11,304 | City-wide | Lake Washington, Lake Union, Ship Canal/Salmon Bay, Puget Sound, Duwamish Waterway, Longfellow Creek, Pipers Creek, Thornton Creek | High efficiency sweeping of arterial roadways in MS4. In 2021, swept 12,100 broom miles to pick up 2,790 wet tons containing 183 dry tons TSS equivalent and attached pollutants. Swept 46 separate routes with a total of 657 curb miles in the MS4 at an average frequency of 25 times/year (range of 1 to 54 times/year). For each route, points were calculated using: (curb miles x (# events – 1)). A portion of this project is part of the implementation of the Ecology-approved Lower Duwamish Waterway (LDW) Source Control Adaptive Management Plan A portion of this project is located in an overburdened community. |
| Street Sweeping for Water Quality 2020 | 11 | Completed/Maintenance | 1.5M | NA | NA | NA | NA | NA | NA | NA | 658 curb miles | NU | 9,583 | City-wide | Lake Washington, Lake Union, Ship Canal/Salmon Bay, Puget Sound, Duwamish Waterway, Longfellow Creek, Pipers Creek, Thornton Creek | High efficiency sweeping of arterial roadways in MS4. Swept 10,020 broom miles to pick up 2,200 wet tons containing 153 dry tons TSS equivalent and attached pollutants. Swept 42 separate routes with a total of 658 curb miles in the MS4 at an average frequency of 28 times/year (range of 1 to 45 times/year). For each route, points were calculated using: (curb miles x (# events – 1)). A portion of this project is part of the implementation of the Ecology-approved Lower Duwamish Waterway (LDW) Source Control Adaptive Management Plan A portion of this project is located in an overburdened community. |
| Street Sweeping for Water Quality 2019 | 11 | Completed/Maintenance | 1.6M | NA | NA | NA | NA | NA | NA | NA | 625 curb miles | NU | 13,720 | City-wide | Lake Washington, Lake Union, Ship Canal/Salmon Bay, Puget Sound, Duwamish Waterway, Longfellow Creek, Pipers Creek, Thornton Creek | High efficiency sweeping of arterial roadways in MS4. There are 40 separate routes with a total of 625 curb miles in the MS4. Routes are swept at a frequency between 2 to 54 times/year with an average frequency of 28 times/year. For each route, points were calculated using: (curb miles x (# events – 1)). A portion of this project is part of the implementation of the Ecology-approved Lower Duwamish Waterway (LDW) Source Control Adaptive Management Plan A portion of this project is located in an overburdened community. |

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| South Park Water Quality Project* | 2 | Planning | 55M | 230 | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | 47.535 / -122.325 | Duwamish Waterway | <p>Runoff treatment of an industrial/commercial/high density residential basin</p> <p>This project is part of the implementation of the Ecology-approved Lower Duwamish Waterway (LDW) Source Control Adaptive Management Plan</p> <p>The project is located in an overburdened community.</p> <p>*This project is not eligible for SSC Program Points due to "Planning" project status as of 12/31/2022.</p> |

NA – not applicable, NU – not utilized, NR – not reported at this time

Project Status is reported as either Planning (<60% Design), Design (>60% Design), Construction, or Completed/Maintenance

2022 - SSC Street Sweeping Route Map and Zip Codes



98101, 98102, 98103, 98104, 98105, 98106, 98107, 98108, 98109, 98112, 98115, 98116, 98117, 98118, 98119, 98121, 98122, 98125, 98126, 98133, 98134, 98136, 98144, 98146, 98155, 98177, 98178, 98195, 98199