Question 42: SMED Project List Reporting Table
(City of Seattle 2025 MS4 Permit Annual Report)

								BMP Facility Point Calculation (Project Types #1-4)							Other Project Types Point Calculation (Project Types #5-12)									Project Type #13 Points			Project-Wide Point Factors						
Project Stage	**Reporting Year**	**Project Name**	**Project Type Number**	**Project Type Includes Types 1-5?**	**Cost Estimate**	**Lat/Long (X,Y)**	**Receiving Water Name**	Basin Area (Project Types #1 - 4)	LID Equivalent Area (ac)	LID Point Factor	Runoff Treatment Equivalent Area (ac)	Runoff Treatment Point Factor	Flow Control Equivalent Area (ac)	Flow Control Point Factor	- 13)	#5 Maintenance Activity Point Factor	#6 Property Acquisition	#7 Restoration of Riparian Buffer	#8 Restoration of Forest Cover	#9 Floodplain Reconnection	#10 Permanent Removal of impervious surface	#11 Sweeping Point Factor	#12 Line Cleaning Factor	Watershed Collaboration Points/Binding Agreement	Watershed Collaboration Points/Funding Commitment	SMED Project Points Subtotal	Implements Approved Plan	Benefits Overburdened Community(ies)	HPGTA	Watershed Collaboration	**Total SMED Project Points**	**Total Points for Project Types #1-5**	**Comments**
Design Report Stage	2025	Design - Holden Natural Drainage System (NDS)	2	Yes	$5,200,000	47.533665, -122.355140	Longfellow Creek	2.3			2.3	3														6.9		1.5	1.7		22.08	22.08	This project will construct bioretention in the ROW to manage a total of 2.3 acres of EIA (determined by GIS, field survey, and scaling factors on TIA) and provide water quality treatment at one site. This project will also provide traffic calming in priority areas for SDOT and the community. A portion of the water treated is from a HPGTA (minor arterial). This is considered a known water quality problem area because of documented pre-spawning mortality in Coho salmon and some impaired (category 5) Water Quality Assessment listings. Longfellow Creek also discharges to the Duwamish River, which contains multiple Superfund cleanup sites. This area falls in the highest 20% of equity priority tracts across the city according to the City of Seattle's Racial and Social Equity Composite Index.
	2025	Design - Broadview/12th Ave NW NDS	2	Yes	$5,000,000	47.722363, -122.359658	Pipers Creek	4.6			4.6	2														9.2			1.7		15.64	15.64	This project will construct bioretention in the ROW along 3 blocks to manage a total of 4.6 acres of EIA (determined by GIS, field survey, and scaling factors on Total Impervious Area) and provide water quality treatment. One-third (i.e., 1 block) of this project is treating runoff from a collector arterial (HPGTA).
	2025	Design - North Thornton NDS	2	Yes	$20,200,000	Various	Thornton Creek	11.6			11.6	3														34.8		1.5			52.2	52.2	This project will construct bioretention in the ROW at 2 project sites to manage 11.6 acres of EIA (determined by GIS, field survey, and scaling factors on TIA) and provide water quality treatment. This project reached 60% design in 2025 and is anticipated to reach the Notice to Proceed (to begin construction) in 2027. This project will be located in an overburdened community (the area falls in the highest 20% of equity priority tracts across the city according to the City of Seattle's Racial and Social Equity Composite Index). Thornton Creek is Category 5 [303(d)] listed for temperature, dissolved oxygen, and fecal coliform bacteria.
	2025	Design - Urban Villages Program: Chief Sealth Trail GSI	2	Yes	$5,700,000	47.531506, -122.283422	Lake Washington	26.9			7.5	2														15		1.5	1.7		48	48	Capital project to build regional bioretention facility managing runoff from an uphill residential and school catchment. Water quality treatment, with benefits to Lake Washington. EIA managed estimate is based on modeling, with a high level of confidence. Some of the drainage basin that will be treated includes arterials (HPGTAs). The project is located in an area that falls in the highest 20% of equity priority tracts across the city according to the City of Seattle's Racial and Social Equity Composite Index. It's out for bid, and construction is expected summer 2026.
	2025	*Seola Creek Regional Stormwater Detention Facility Retrofit*	*13*	*Yes*	*TBD*	*TBD*	*Seola Creek*																	*25*		*25*					*25*	*0*	*In 2025, Seattle Public Utilities signed a Memorandum of Understanding with King County Land and Water Resources Division, Stormwater Services Section, laying out the agreed-upon obligations for collaboration on activities that support coordinated planning and feasibility analysis for stormwater improvements at King County's Seola Pond regional stormwater detention facility and within contributing drainage areas. The project design and anticipated EIA to be treated is undetermined at this time.*
	2025	Design - Kubota Gardens Bioretention	.	Yes	$250,000	47.512903, -122.264787	Mapes Creek	0.23			0.23	2														0.46		1.5			0.69	0.69	This project will construct bioretention along 1 block in collaboration with SDOT constructing a new sidewalk and will provide water quality treatment for 0.23 acres EIA (determined by GIS, field survey, and scaling factors on TIA). This project is located in an overburdened community.
Design Report Subtotal																															163.61	138.61	Sub-total as of 3/31/2026.
Constructed or Completed Maintenance Stage	2024	Maintenance Project - Street Sweeping for Water Quality	11	No	$2,300,000	City-wide	Lake Washington, Lake Union, Ship Canal/Salmon Bay, Puget Sound, Duwamish Waterway, Longfellow Creek, Pipers Creek, Thornton Creek.								17131							0.1				1713.1		1.5	1.7		5481.92	0	High efficiency sweeping of arterial roadways in MS4 using full-size and mini-regenerative air street sweepers. In 2024, swept 18,370 broom-miles to pick up 2,800 wet tons. Swept 47 individual curbed, scheduled routes for a total of **17,131 scheduled curb-miles** in the MS4 at an average frequency of 41 times/year (range of 1 to 57 times/year). Sweeping program focuses on arterials and many of them occur within overburdened communities. Note that 14,646 curbed miles were swept during calendar year 2023, which generates 4,686 SMED points [14,646 x 0.1 x (1.5+1.7], since sweeping mostly occurs in HPGTAs and in some overburdened communities). The table does not currently allow the inclusion of 2023 SMED points (an error), despite the SMED point start date for the 2024 Permit beginning 1/1/2023.
Constructed or Completed Maintenance Stage	2025	Maintenance Project - Street Sweeping for Water Quality	11	No	$1,810,000	City-wide	Lake Washington, Lake Union, Ship Canal/Salmon Bay, Puget Sound, Duwamish Waterway, Longfellow Creek, Pipers Creek, Thornton Creek.								13500							0.1				1350		1.5	1.7		4320	0	High efficiency sweeping of arterial roadways in MS4 using full-size and mini-regenerative air street sweepers. In 2025, swept 14,000 MS4 broom-miles to pick up 2,200 wet tons debris. Fullsize + mini regenerative air: Swept 58 individual curbed, scheduled routes for a total of **13,500 scheduled curb-miles** in the MS4. Fullsize Regenerative Air: Swept 44 individual curbed, scheduled routes for a total of 13,400 scheduled curb-miles in the MS4 at an average frequency of 35 times/year (26 ~every other week). Sweeping program focuses on arterials and many of them occur within overburdened communities. Mini-regenerative swept miles are prorated at 0.25 to account for a narrower sweeping path.
Constructed or Completed Maintenance Subtotal																															9801.92	0	Sub-total as of 3/31/2026.
Total SMED Points																															**9965.53**	**138.61**	Total as of 3/31/2026. SMED points required for the 2024 Permit may be accrued between 1/1/2023 and 3/31/2028 (see Permit condition S5.C.7.d).
Planned Projects Scheduled to be Implemented	2028	Maintenance Project - Meadowbrook Pond sediment removal	5	Yes	$9,000,000	TBD	Thornton Creek								6235	0.5										3117.5		0	1.7		5299.75	5299.75	This significant maintenance project was expected to be conducted in 2026 but, due to resource challenges, has been delayed; it may roll into SMED point accrual for the 2029 Permit. The project will remove sediment from an existing water quality pond (Meadowbrook) to re-establish the original design volume. The basin area of 6235 acres represents the entire watershed upstream of Meadowbrook Pond. Due to the unique design of the pond and forebay, an underdetermined proportion of the basin is expected to be treated. The final treated acreage will be determined at a later date.
	2027	Design Phase - South Park Water Quality Treatment Facility	2	Yes	$98,000,000	47.535 / -122.325	Duwamish River	230			230	3														690		1.5	1.7		2208	2208	The project will begin design in 2026 and is anticipated to reach the 60% design threshold in 2027. Project will fulfill a commitment in the City's 2015 Integrated Plan.
	2026	Construction - Holden NDS	2	Yes	$5,200,000	47.533665, -122.355140	Longfellow Creek	2.3			2.3	3														6.9		1.5	1.7		22.08	22.08	This project will begin construction in 2026 and will be completed during this current Permit term.
	2026	Construction - Longfellow NDS	2	Yes	$20,000,000	47.531889, -122.363256	Longfellow Creek	6.3			6.3	3														18.9		1.5	1.7		60.48	60.48	This project, located in an overburdened community, is constructing bioretention in the ROW at three project sites to manage a total of 6.3 acres of effective impervious area (EIA) (determined by GIS, field survey, and scaling factors on TIA) and provide water quality treatment. This project is being built in partnership with Seattle's Department of Transportation (SDOT) to also include pedestrian mobility and safety improvements. A portion of the project will drain arterials (HPGTA). Construction is expected to be completed in 2026.
	2026	Construction - Broadview/12th Ave NW NDS	2	Yes	$5,000,000	47.722363, -122.359658	Pipers Creek	4.6			4.6	2														9.2			1.7		15.64	15.64	This project will construct bioretention in the ROW along 3 blocks to manage 4.6 acres of EIA (determined by GIS, field survey, and scaling factors on TIA) and provide water quality treatment. One-third of this project will treat runoff from a collector arterial (HPGTA). This project began construction in 2025 and is expected to be completed in 2026.
	2027	Design Phase - Pipers Creek NDS	2	Yes	$15,000,000	Various	Pipers Creek	5			5	2														10					10	10	This project will construct bioretention in the ROW along 5-6 blocks to manage a total of 5 acres of EIA (determined by GIS, field survey, and scaling factors on TIA) and provide water quality treatment. In 2026, this project will go through Options Analysis, and is expected to achieve 60% design during this Permit term.
	2026	Construction - South Thornton NDS	2	Yes	$21,400,000	47.706330, -122.304362	Thornton Creek	13.3			13.3	3														39.9			1.7		67.83	67.83	This project will construct bioretention in the ROW at 4 project sites to manage a total of 13.3 acres of EIA (determined by GIS, field survey, and scaling factors on TIA) and provide water quality treatment. Funding includes $2.9M from King County Flood Control District grant and 12M in State Revolving Fund and Emerging Contaminant Fund loans from Ecology, including $5.3M as a Forgivable Principal loan. This is considered a known water quality problem area because of documented pre-spawning mortality in Coho salmon. Project will treat some HPGTA runoff. Construction is expected to be completed in 2026.
	2028	Construction - North Thornton NDS	2	Yes	$20,200,000	Various	Thornton Creek	11.6			11.6	3														34.8		1.5			52.2	52.2	This project is expected to begin construction in 2028. As such, SMED points for construction of this project may count under the 2029 MS4 Permit (rather than the 2024 Permit).
	2026	Maintenance Project - Street Sweeping for Water Quality	11	No	$2,300,000	City-wide	Lake Washington, Lake Union, Ship Canal/Salmon Bay, Puget Sound, Duwamish Waterway, Longfellow Creek, Pipers Creek, Thornton Creek.								15000							0.1				1500		1.5	1.7		4800	0	Anticipate sweeping approximately 15,000 curbed miles in HPGTA during 2026.
	2025	Design Phase - Urban Villages Program: 17th Ave NW Stormwater Improvements	1	Yes	$15,000,000	47.692445, -122.378979	Puget Sound	20.5			10.25	3	10.25	3												61.5			1.7		104.55	104.55	Capital project will reduce street flooding (and sewer backup risks) and provide runoff treatment for water quality benefits. Green and gray infrastructure improvements on a major bike/pedestrian corridor will improve capacity and decrease flow volume – includes bioretention and UICs for deep infiltration and volume reduction. The managed system has a flow split – about half of the flows go to the Ballard CSO, and the other half to a stormwater discharge at the North Beach outfall. As such, the estimated flow control EIA is half of the (upstream) basin area (i.e., half of 20.5 acres). Roughly one third of the contributing area is considered HPGTA. EIA managed estimate is based on modeling, medium-high level of confidence (exact number may change at final design, but not significantly).
	2028	Construction - Urban Villages Program: 17th Ave NW Stormwater Improvements	1	Yes	$15,000,000	47.692445, -122.378979	Puget Sound	20.5			10.25	3	10.25	3												61.5			1.7		104.55	104.55	Construction of this project is expected to occur in 2028. As such, SMED points for construction of this project may count under the 2029 MS4 Permit (rather than the 2024 Permit).
	2026	Construction - Urban Villages Program: Chief Sealth Trail GSI	2	Yes	$5,700,000	47.531506, -122.283422	Lake Washington	26.9			7.5	2														15		1.5	1.7		48	48	Capital project to build regional bioretention facility managing runoff from an uphill residential and school catchment. Water quality treatment, with benefits to Lake Washington. EIA managed estimate is based on modeling, with a high level of confidence. Some of the drainage basin that will be treated includes arterials (HPGTAs). The project is located in an area that falls in the highest 20% of equity priority tracts across the city according to the City of Seattle's Racial and Social Equity Composite Index. It's out for bid, and construction is expected summer 2026.
	2026	Construction - Kubota Gardens Bioretention	2	Yes	$250,000	47.512903, -122.264787	Mapes Creek	0.23			0.23	2														0.46		1.5			0.69	0.69	Construction of this project is expected to occur in 2026.
	2027	Design Phase - Roxhill Flow Reroute	2	Yes	$ 15,300,000	47.519992, -122.368752	Longfellow Creek	11.3			11.3	2														22.6		1.5			33.9	33.9	This project is supporting a community -led project to restore the historic wetland bogs at the headwaters of Longfellow Creek. The community has raised funds to install a barrier to block the leakage of water out of the wetland bogs and SPU is supporting this effort by collecting and treating runoff from the surrounding area that will sent to the wetland bogs. Water will be treated through bioretention cells in the ROW as well as through a constructed wetland on the Parks property. This project is part of the NDS Partnering Program and will start design in 2026 and is likely to complete 60% design in 2027.
	2029	Construction - Roxhill Flow Reroute	2	Yes	$ 15,300,000	47.519992, -122.368752	Longfellow Creek	11.3			11.3	2														22.6		1.5			33.9	33.9	This project will start construction in 2029 or 2030. As such, SMED points for construction of this project will count under the 2029 MS4 Permit (rather than the 2024 Permit).

Notes:
HPGTA = High Pollutant Generating Transportation Area, see definition in Appendix 12 of the 2024 Permit.
During calendar year 2023, 14,646 curbed miles were swept during calendar year 2023, which generates 4,686 SMED points [14,646 x 0.1 x (1.5+1.7], since sweeping mostly occurs in HPGTAs and in some overburdened communities). The table does not currently allow the inclusion of 2023 SMED points (an error), despite the SMED point start date for the 2024 Permit beginning 1/1/2023.
Green shading indicates projects in the design phase.
Orange shading indicates projects that are/will be completed (or in the maintennce phase).
Pink shading indicates the project may accrue SMED points for the 2029 Permit cycle.
Blue shading indicates that a milestone of development has reached for Watershed Collaboration.