Stormwater Management Plan
2025

millcreekwa.gov

CITY OF
Mill Creek
WASHINGTON

INTRODUCTION

The National Pollutant Discharge Elimination System (NPDES) is a program created by the federal government as a part of the Clean Water Act in 1972 (33 U.S.C. §1251 et seq.) The Washington State Department of Ecology grants Western Washington Phase II Municipal Stormwater Permits, henceforth "Permit", issued to qualifying municipalities with populations below 100,000. The City of Mill Creek is under the Western Washington Phase II Municipal Stormwater Permit which authorizes the discharge of stormwater runoff from an MS4 to surface waters of the state (i.e., rivers, lakes, streams, wetlands, ditches, etc.) as well as groundwater, if a Phase II municipality can meet state water quality standards and/or implement permit specified best management practices (BMPs). This permit requires the annual preparation of an updated Stormwater Management Plan (SWMP) for the City of Mill Creek (henceforth, "Mill Creek"). The SWMP is broken down into 9 sections which are as follows:

- Stormwater Planning
- Public Education and Outreach
- Public Involvement and Participation
- MS4 mapping and Documentation
- Illicit Discharge, Detection and Elimination (IDDE)
- Controlling Runoff from New Development, Redevelopment, and Construction Sites
- Stormwater Management for Existing Development
- Source Control Program for Existing Development
- Operation and Maintenance

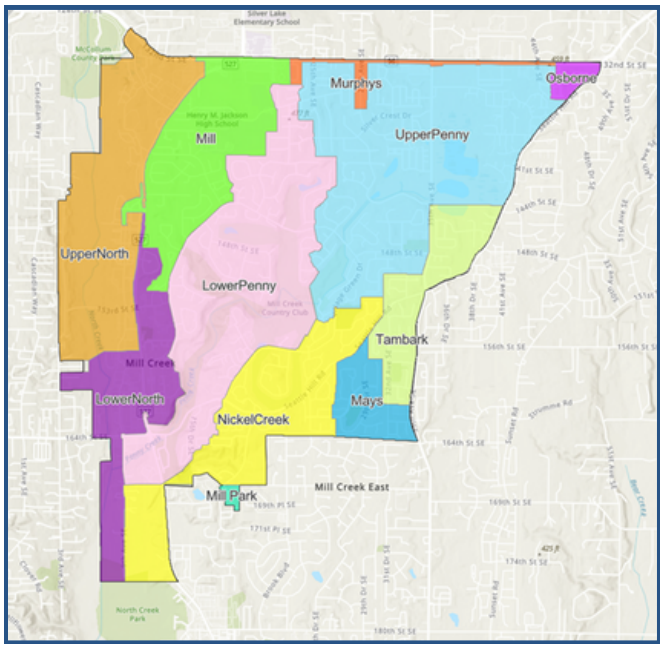
The SWMP describes activities Mill Creek performed during the period January 1, 2024, to December 31, 2024, related to the above listed sections. This plan also details the anticipated activities for 2025. This Stormwater Management Plan will be submitted to the Washington State Department of Ecology by March 31, 2025.

NPDES ANNUAL REPORT DOCUMENTATION

Municipalities covered under the Permit require a submittal of an annual report to Washington State Department of Ecology due by March 31st each year. It consists of the following:

- Stormwater Management Plan (SWMP): summarizes what has been done in the previous year and planned NPDES activities to assure compliance for the coming year (2025)
- Compliance Report: A report, provided by the Washington State Department of Ecology and filled out by Mill Creek that verifies compliance for the previous calendar year (2024)

The City of Mill Creek is located just east of interstate 5 starting with a western boundary just west of North Creek. With its norther boundary marked by state route 96. Its eastern boundary is marked by the intersection of Seattle Hill Road and state route 96, past the intersection of Seattle Hill Road and 35th Ave SE and down to just north of 35th Ave SE and 164th St SE. Then the Southern boundary moves across and down to just north of North Creek Park. Mill Creek is comprised of 11 different watershed basins listed below and shown in Image 1.



- Upper North Creek (orange)
- Lower North Creek (Dark Purple)
- Murphys (Red)
- Osborne (Purple)
- Upper Penny Creek (Light Blue)
- Lower Penny Creek (Pink)
- Mill Creek (Bright Green)
- Nickel Creek (Yellow)
- Tambark (Light Green)
- Mill Park (Turquois)
- Mays (Blue)

The degradation of water quality of these watershed basins is dependent on many variables and sources. These sources can include but are not limited to residential, commercial, industrial, agricultural, and livestock location. Pollutants from these locations can include but are not limited to sediment, metals (zinc, copper, lead, etc.), greases and oils, pesticides and fertilizers, and bacteria. Stormwater runoff is rainwater conveyed over impervious surfaces like roofs, roads, parking lots, sidewalks, driveways, and other non-water absorbing surfaces. This stormwater runoff is conveyed through our MS4 (municipal separate storm sewer system) which is comprised of 5,008 catch basins, 88.17 miles of piping, and facilities like ponds, vaults, open conveyance and more. The stormwater runoff that flows through this system enters waters of the state with little to no water quality treatment.

Mill Creek has abundant greenery from grass, shrubs, bushes, and tree canopy dispersed throughout its commercial areas, neighborhoods, golf course, wetlands, and more. Most of Mill Creek's impervious surfaces are made up of roadways, neighborhoods, and commercial locations. Although in Mill Creek there is currently little construction, increased development can increase the amount of impervious surfaces.

The City of Mill Creek's Stormwater Management Plan is designed to achieve the following goals:

1. Reduce illicit discharges of pollutants into our City's MS4 to the maximum extent practicable
2. Use all Known, Available, and Reasonable (AKART) Methods of pollution prevention and control to protect receiving waters
3. Protect local water quality to ensure healthy and safe local watershed and regional watersheds
4. Ensure practical, useful, and engaging outreach about our stormwater system and pollution prevention to local residents, property owners, business owners, and other stakeholders
5. Maintain our City's MS4 through thoughtful, timely, and practical stormwater operation and maintenance

PROGRAM PERFORMANCE MEASURES

The City of Mill Creek is required to design and implement a stormwater planning program to inform and assist the development of policies and strategies such as water quality management tools to protect receiving waters.

Stormwater Planning:

The City of Mill Creek's stormwater planning elements as per permit requirements for 2024 and planned for 2025 are as follows.

- Mill Creek maintains an interdisciplinary team of departments to inform and assist in the development, progress, and influence of the stormwater management program. Including members of the Public Works Department, Development Services Department, Communication and Marketing Department, and Operations and Maintenance Department. Due to staffing, this team did not reconvene until June 2024. This team has had two meetings and will continue meeting on a quarterly basis to review permit compliance and program development. The City will continue these meetings through 2025, reviewing the team for additional members and points of view.
- Mill Creek coordinates with long-range planning through the City's comprehensive Plan (Comp Plan) and stormwater-related city code. In those two elements, Mill Creek will determine stormwater management needs and the protection and improvement of receiving water health through Comp Plan and City Code updates. Mill Creek will continue to review and refine stormwater related Comp Plan components and city code section in 2025.
- Mill Creek in 2024 reviewed Low Impact Development (LID) related code to identify regulatory or administrative barriers and starting strategies to address if needed. In 2025 Mill Creek will continue to address any regulatory or administrative barriers in LID related code.
- Mill Creek in 2024 through consultants developed a Stormwater Management Action Plan (SMAP) for the Mill Creek watershed. Mill Creek also focused inspections, maintenance, and IDDE screening in the Mill Creek watershed. In 2025 Mill Creek will review the developed SMAP to create a retrofit schedule and focused stormwater management actions strategy.

Public Education and Outreach

The City of Mill Creek continues to improve its education and outreach efforts to increase stormwater knowledge and awareness among all stakeholders in the city. The program requires the implementation of general awareness and behavioral change programs. Mill Creek's general awareness program is focused on the general public and increasing knowledge of the general impacts of stormwater on surface waters, including impacts from impervious surfaces. Mill Creek's behavioral change program has a target audience of residents with a BMP focus on preventing illicit discharges.

General Awareness Campaign: includes social media outreach on stormwater information, tabling at local community events, and increased in-person interaction with the public on stormwater topics.

Behavioral Change Program: The 2024 program focused on residents and increasing understanding of how to prevent illicit discharges. This program includes focused social media outreach on types of illicit discharges and how to prevent them.

The City had a booth at the Mill Creek Festival, where staff handed out postcards designed to explain the different types of illicit discharge and offer tips to prevent them, plus contact information for questions and spill reporting.

Public Education and Outreach Continued

There was also a 2-page advertisement in the Mill Creek Living Magazine, which included in-depth information on preventing certain types of common illicit discharges. It included a spill hotline page highlighting our spill response hotline and when to call. The City also shared a presentation with the Mill Creek Community Association highlighting these topics, allowing residents to ask questions of City staff.

Illicit Discharge information and detection is part of Mill Creek's Adopt-A-Street program. This program gives the community a stewardship opportunity by providing residents with the tools to do street litter pickups. Citizens who participate in the program are given a survey before and after cleaning up about stormwater and illicit discharge information. They also receive a postcard with information showing common illicit discharges and are asked to check storm drains along the street for signs of possible illicit discharges and report them via the spill hotline. This program focuses on increasing resident illicit discharge reporting to increase illicit discharge prevention in Mill Creek.

The City also provided National Clean Up Day for residents to help clean trash around Mill Creek Town Center, which helps mitigate litter entering North Creek.

The City has made a new program focused on residents for proper collection and disposal of pet waste. This new program is designed to meet upcoming permit requirements for the 2025 reporting year.

Public Involvement & Participation

The City of Mill Creek encourages public input. The City will continue to create opportunities for public involvement through various avenues.

- Mill Creek allows for public participation by providing the City's Stormwater Management Plan and Stormwater Master Action Plan on The City's website, including directions for comments via email.
- Residents are notified of public comment periods via social media and on the front page of the City website, allowing multiple avenues for residents to know when public comment is available.
- During the public comment period, signs are posted at both City Hall front desks, directing residents to visit our website to view the SWMP and SMAP and provide comments.

MS4 Mapping & Documentation

The City of Mill Creek operates and maintains a Geographic Information System (GIS) map of the city's stormwater system. This map contains:

- Known MS4 outfalls and discharge points, including size and material, when known
- Receiving waters
- Publicly owned Stormwater Treatment and Flow Control BMP facilities
- Catch basins
- Tributary conveyances (piping) that include type, material, and size when known.
- Associated drainage areas and land use.
- Connections owned and operated by the City MS4 to other municipalities MS4.

- All known connections from the MS4 to privately owned stormwater systems
- MS4 connections allowed after February 16, 2007

With the 2024 permit update, the City has updated requirements for New Mapping. The City will be working to complete this by the required submittal times. The requirements include submitting a properly formatted list of all known MS4 outfalls, mapping tree canopy on publicly owned land for the purpose of stormwater management, identifying total tributary acreage attached to 24-inch nominal diameter or larger outfalls that have stormwater treatment and flow-control BMPs/facilities. With a breakdown of estimated acres managed or unmanaged by stormwater treatment and flow control BMPs/facilities. Finally, mapping of overburdened communities in relation to stormwater treatment and flow control BMPs/facilities, outfalls, discharge points, and tree canopy on publicly owned and operated land.

Illicit Discharge Detection and Elimination: Review permit requirements

The City of Mill Creek is required to operate an Illicit Discharge Detection and Elimination (IDDE) Program. An Illicit Discharge is any discharge of prohibited liquids or solids into stormwater that can cause pollution. This IDDE program is designed to prohibit, prevent, detect, characterize, trace, and eliminate these pollutants. Simply put, the IDDE program is to prevent spills of pollution into our stormwater system to ensure healthy water quality. To identify these prohibited pollutants, the City of Mill Creek updated the City code to define them. Section **15.14.230**, "Discharges into Mill Creek waters and storm drainage systems," lists 23 "Prohibited Discharges" types. This section also noted "Conditional Discharges," which noted conditions that needed to be met to discharge these substances. This section also defines "Illicit Connections" as any conveyance system attached to the city stormwater system without permitting or the City's permission.

Mapping

Currently, the City of Mill Creek does not specifically map illicit discharges. But the City does map a variety of assets to help with our permit-required IDDE screening. This includes outfalls, which is our permit-required inspection methodology as per the Ecology selected manual.

Staff Training

Each year, All City staff who may be able to identify Illicit Discharges must complete IDDE & Spill Response training. This class is just over 1 hour, covering a range of information necessary for potential or active spill identification and response based on material. The class also includes an emergency response for discharges threatening public health and safety.

This course is designed to ensure that all staff, that could engage with an illicit discharge, have all the information and tools necessary to properly handle the situation. And to meet state permit requirements.

Spill response

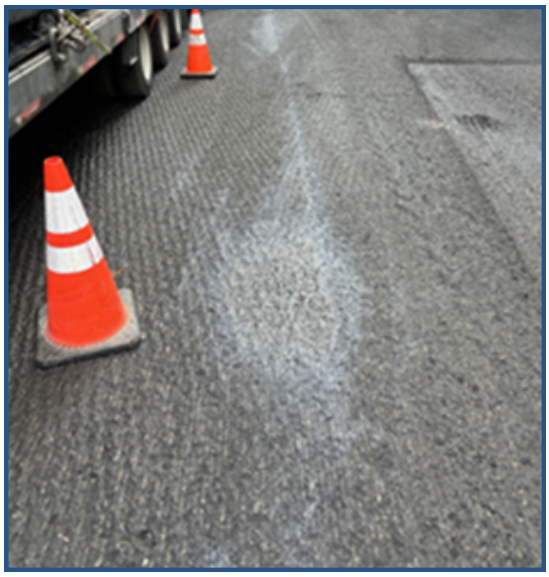
The City of Mill Creek Maintains a 24-hour Spill Hotline at 425-582-6000, and staff members and the public are directed to report spills through this hotline. City maintenance staff responds to reported spills during regular business hours from 9:00 a.m. to 5:00 p.m. Monday-Friday. The City maintains a large stockpile of spill supplies, including granular absorbent, spill pads, spill waddles, spill pillows, and other supplies that staff is trained to use correctly. Spills outside regular business hours are reported to the City's 24-hour spill response contractor. Contracted spill response is used for off-hours spill response and emergency large-scale spill response. All spills that actively affect City MS4 are reported to the Department of Ecology within 24 hours of receiving reports.

Investigation

When a spill is reported, Public Works Surface Water (PWSW) staff will head out as soon as possible to investigate. PWSW staff, once onsite, determines the severity of the issue to create an appropriate response. Staff will then identify the party responsible for the spill and will contact that party to resolve the issues. If a potential spill is reported, staff will talk to the property owner to provide technical assistance on how to avoid an active discharge.

Screening

The City of Mill Creek is required to complete field screening for Illicit Discharge for an average of 12% of the City MS4 each year. This screening is done through the required inspection process for stormwater facilities, business inspections, and maintenance inspections of catch basins. As well as through the selected methodology of Outfall Screening based on the Ecology recommended manual. City personnel who commit these inspections are trained using the Ecology recommended manual.

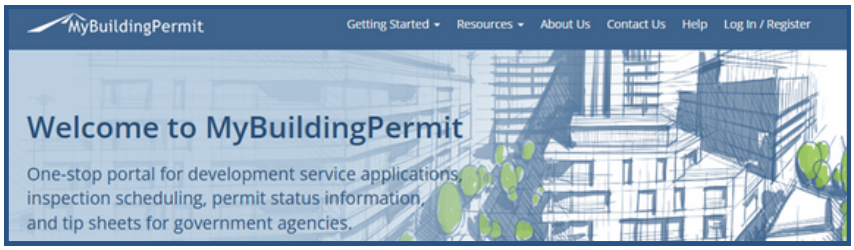


Controlling Runoff from New Development, Redevelopment, and Construction Sites

The City of Mill Creek maintains a construction inspection program in which construction projects that meet requirements for specific permits will be inspected regularly throughout the project by qualified City staff. Permits like Clearing and Grading or Building Permits for projects needing Temporary Erosion and Sediment Control (TESC) or Stormwater Pollution Prevention Plans (SWPPP). These are then inspected prior to clearing and construction to ensure TESC designs or SWPPP Elements are met. Inspected throughout the project to ensure BMPs are correctly installed and operable. All required sites are also inspected before the City's final sign-off. Ensure all stormwater facilities and structures are operable and have an identified maintenance plan with a responsible party signing off.

These inspections are made to maintain local water quality. Requirements of this inspection program include:

- The City of Mill Creek's permitting process includes site review, required inspections, and enforcement if a project violates city code in relation to stormwater.
- Local ordinances to ensure the requirement of proper BMP usage, along with Illicit Discharge ordinances that address runoff from New Development, Redevelopment, and Construction Site Projects, allow for regulatory enforcement.
- Making available links to the NPDES Construction Stormwater General Permit Notice of Intent form, NPDES Industrial Stormwater General Permit Notice of Intent form, and the online registration requirements for Underground Injection Control (UIC)
- Ensuring training for all staff whose primary job duties are implementing the program to Control Stormwater Runoff from New Development, Redevelopment, and Construction Sites, including permitting, plan review, construction site inspections, and enforcement, plus follow-up training as procedures, techniques, or staffing changes.
- City Codes and Standards
- Inspection and Permitting
- Record Keeping
- Notice of Intent
- Training



Stormwater Management for Existing Development

The City of Mill Creek is required to implement a program to control or reduce stormwater discharges to the state's waters from areas of existing development. This program uses a combination of strategies, including strategic stormwater investments identified through our Stormwater Management Action Plan (SMAP).

And making opportunistic stormwater investments through projects outside of the SMAP-identified Mill Creek basin to improve stormwater management and infrastructure. Under the current Permit, this program is required to use these projects to help the water quality of 3.4 acres of Surface Water by 2029. Below are some of the projects outlined by our SMAP and City-identified opportunistic projects.

SMAP Project List

Surface Water Utility Projects									
Mill Creek Blvd Master Drainage Upgrade	SW00001	$ -	$ -	$ 500,000	$ 5,000,000	$ 5,000,000	$ -	$ -	$ 10,500,000
Nickle Creek/Old Seattle Hill Rd Fish Passage	SW00002	$ -	$ -	$ 400,000	$ 1,575,000	$ -	$ -	$ -	$ 1,975,000
Surface Water Capital Project Placeholder 1	SW00003	$ -	$ -	$ -	$ 400,000	$ 1,800,000	$ -	$ -	$ 2,200,000
Surface Water Capital Project Placeholder 2	SW00004	$ -	$ -	$ -	$ -	$ 450,000	$ 2,100,000	$ -	$ 2,550,000
Surface Water Capital Project Placeholder 3	SW00005	$ -	$ -	$ -	$ -	$ -	$ 500,000	$ 2,400,000	$ 2,900,000
Sweetwater Ranch Stormwater Repair	SW00013	$ 200,000	$ 1,500,000	$ -	$ -	$ -	$ -	$ -	$ 1,700,000

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OBJECTID	SolutionID	SolutionType	Description	Limitations	Hydrologic Soil Group	Solution Developed Further (Yes/No)	Screen Reason	Timeline
5	SI-1	Opportunistic WQ	Install bioretention for water quality treatment in the existing commercial business parking lot median to treat TSS, Metals and 6PPD-Q	Not within the City's ROW	B	No	Location is not in City's jurisdiction and project not within the ROW	
20	SI-2	Opportunistic WQ	Treat 132nd Street SE (a high-use road) to an enhanced level of treatment (treats dissolved metals in addition to TSS) by installing two Modular Wetland Systems® on either side of the intersection with Bothell Everett Highway in line with the existing stormwater conveyance network	Likely utility conflicts, limited area available in ROW	B	Yes	Short term solution developed	Short Term
18	SI-3	Opportunistic WQ	Enhance the existing detention pond at the intersection on 132nd and Bothell Everett Hwy to add WQ treatment and utilize the undeveloped parcel to the southeast for flow control	Limited surrounding space for expansion. May be infeasible if public-private partnership cannot be established	B	Yes	Long term solution developed	Long Term
19	SI-4	Opportunistic WQ	Retrofit open channel downstream of Wetland 1507 to provide water quality treatment before stormwater flows enter into the stormwater pipe network	Privately owned	B	No	Project is downstream of Wetland 1507 with no additional PGIS draining to channel - limited water quality benefit	
4	SI-5	Opportunistic WQ	Enhance existing EPSD treatment facility at this location to treat additional areas and consider treating for 6PPD-Q	EPSD owned	B	No	Partnership with EPSD required - placed under EPSD umbrella	
6	SI-6	Opportunistic WQ	If the school wishes to make any improvements to this parking lot the City may partner with EPSD to provide additional treatment	EPSD owned	B	No	Partnership with EPSD required - placed under EPSD umbrella	
24	SI-7	Opportunistic WQ	Treat 136th Street SE (a high-use road) and school parking lots to an enhanced level of treatment (treats dissolved metals in addition to TSS) by installing a Modular Wetland System® before discharging into the downstream wetland.	Limited hydraulic drop	B	Yes	Short term solution developed	Short Term
13	SI-8	Opportunistic WQ	EPSD has recently changed some fields within the basin to astroturf. If the EPSD plans a project that converts additional fields to astroturf and addresses existing drainage issues, the City may consider a partnership to opportunistically treat nearby roadways for 6PPD-Q.	EPSD owned	B	No	Requires partnership with the EPSD - placed under EPSD umbrella - no significant extra area to be treated additional to what this project would trigger - minimal PGIS	
2	SI-9	Opportunistic WQ	Treat the basketball court and surrounding residential roadway at this location for 6PPD-Q	HOA owned	B	No	No significant area draining to site	
7	SI-10	Opportunistic WQ	Treat runoff from small residential parking area before runoff enters the stormwater system	HOA owned	B	No	No significant area would be treated	
1	SI-11	Opportunistic WQ	Treat roadside runoff through CAVFS before discharged into improved conveyance swales	Utility conflict potential, limited area available. Minimum length and width requirements for full WQ benefit may not be possible on some ditches	B	Yes	Short term solution developed	Short Term
16	SI-12	Opportunistic WQ	Partner with EPSD to treat tennis court parking lot and add treatment before entering system. Enhance/add WQ to existing detention pond to treat for 6PPD-Q	EPSD owned	B	No	Partnership with EPSD required - placed under EPSD umbrella	
8	SI-13	Opportunistic WQ	Treat the residential area surrounding Douglas Fir Park	HOA owned - no significant area draining to site	B	No	No significant area draining to site	
22	SI-14	Opportunistic WQ	Treat additional residential area along Trillium Boulevard SE from Bothell Everett Hwy to just south of the intersection with the southern entrance road to Heatherwood Middle School	Limited space	B	No	Limited additional area would be treated. Added benefit would be insignificant	
3	SI-15	Opportunistic WQ	Treat Trillium Blvd from the intersection with Village Green Drive to just north of Sunrose Pl SE along with additional area by installing bioretention planters during road redevelopment capital project.	Limited available space - utility conflict potentials	B	Yes	Short term solution developed	Short Term
14	SI-16	Opportunistic WQ	Upsize the catch basin at this location which may have insufficient capacity and add inline WQ while doing so	Private Property	B	No	No significant treatment benefit	
12	SI-17	Opportunistic WQ	Install a sand filter vault or other inline WQ treatment during the Sweetwater Conveyance Main Replacement Project	Design already in progress - project doesn't trigger WQ would be extra - maintenance challenge in this area - significant flow coming through this system (would require a large facility)	B	No	With design being at 60% already and considering the difficulty of maintenance, further exploration was not considered	
15	SI-18	Opportunistic WQ	CMAC - Enhance the detention pond at this location through monitoring and adaptive control	HOA owned - unknown benefit of CMAC implementation - steep slopes surrounding existing facility	B	No	HOA owned - unknown benefit of CMAC implementation - limited surrounding space	
10	SI-19	Opportunistic WQ	This project proposes to partner with Cogir to treat runoff from the parking lot to an enhanced level before discharging into Mill Creek. A treatment facility could be provided either under the parking lot or in place of a few parking stalls.	HOA owned	B	Yes	Long term solution developed	Long Term
9	SI-20	Opportunistic WQ	CMAC - Enhance the detention pond at this location through monitoring and adaptive control	HOA owned - unknown benefit of CMAC implementation	B	No	HOA owned - unknown benefit of CMAC implementation - limited surrounding space	
11	SI-21	Opportunistic WQ	CMAC - Add WQ or enhance HOA detention pond (treat before entry)	HOA owned - unknown benefit of CMAC implementation - limited surrounding space	B	No	HOA owned - unknown benefit of CMAC implementation - limited surrounding space	

ADT Average Daily Traffic
CMAC Continuous Monitoring & Adaptive Control
EPSD Everett Public School District
HOA Home Owners Association
NA Not applicable
PGIS Pollution generating impervious surface
WQ Water Quality

Source Control Program for Existing Development

The Source Control Program is inspection-based and focused on stopping point-source pollution by working with existing development. This happens through inspections of their business or property for points of possible pollution on site. The business or property owners are given a report noting what could be done to prevent pollution better. This is a technical assistance-based program in which the City is working with business and property owners on their own accord to help prevent pollution and increase the health of water quality in the city.

- To comply with permit requirements, the City has put in place ordinance 15.14.250 “Requirements to prevent, control, and reduce stormwater pollutants by the use of BMPs” with the accepted BMPs coming from the SWMMWW.
- To identify publicly and privately owned institutional, commercial, and industrial sites that have the potential to generate pollutants to MS4. The City has created an “Existing Development Inventory,” which shows all existing pollution-generating developments in Mill Creek ranked by pollution potential. This list is updated annually.
- The city has qualified personnel performing all inspections. Annually inspecting the permit required 20% of businesses from our inventory. This 20% changes annually based on the most recent inspection status. City personnel inspected 100% of sites identified through credible complaints.
- If a business or property owner fails to implement adequate BMPs to prevent pollution identified through our Source Control Inspection Program. Compliance is then moved to our Illicit Discharge Program for progressive enforcement.
- The City trains all staff conducting Source Control Inspections annually to address procedures, techniques, or requirements changes. To ensure business and property owners receive the most up-to-date information and processes.

Operation and Maintenance

The City of Mill Creek Stormwater Permit requires that maintenance standards are implemented through adoption of the Stormwater Management Manual for Western Washington by the City. The City of Mill Creek operates maintenance programs and activities that meet the minimum performance measures described in the permit which include:

- Inspection and Maintenance of stormwater facilities regulated by the permittee
- Inspection and Maintenance of stormwater facilities owned by the permittee
- Implement practices, policies, and procedures to reduce stormwater impacts associated with runoff from all lands owned and maintained by the permittee
- Inspection and Maintenance of catch basins in accordance with permit required intervals

- Implementation of a Stormwater Pollution Prevention Plan (SWPPP) for heavy equipment maintenance or storage yards owned or operated by the Permittee
- Implement an ongoing training program for employees of the permittee whose primary construction, operations, or maintenance job functions may impact stormwater quality. Follow-up training is provided as needed.

Inspections

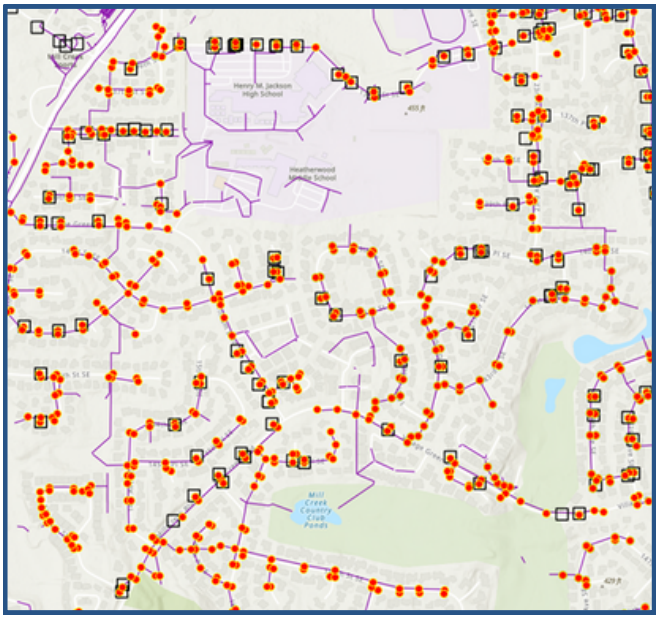
The City of Mill Creek has several operations and maintenance related inspection to monitor the condition of stormwater infrastructure. These inspections allow the city to make maintenance plans for City owned infrastructure. They also allow the City to provide notice on what maintenance is needed for privately owned infrastructure to ensure the stormwater system, as a whole, functions properly.

Public Stormwater Facilities Inspections

- The City of Mill Creek annually inspects 100% of City owned stormwater facilities to ensure they are functioning properly. If an issue is found, maintenance is scheduled to bring the facility back into maintenance standard outlined in the adopted SWMMWW.
- The City of Mill Creek owns 38 stormwater facilities throughout the city.

Public Catch Basin Inspections

- The City of Mill Creek inspects 95% of all catch basins owned or operated by the City every two years. These inspections help to determine the catch basin maintenance program to ensure that city catch basins are functioning properly.
- The city has 5,008 owned or operated catch basins.



Post-storm Inspections

- The City of Mill Creek conducts spot checks throughout the city after major storm events (24-hour storm event with a 10 year or greater recurrence interval). These spot-checks check city streets for debris and localized flooding. They also check different stormwater facilities throughout the city to ensure proper operation.

When an inspection identifies and exceedance of the maintenance standard, maintenance shall be performed in the following timelines:

- Within 1 year for typical maintenance of facilities, except catch basins.
- Within 6 months for catch basins
- Within 2 years for maintenance that requires capital construction of less than $25,000

Maintenance to reduce Stormwater impacts

The City of Mill Creek implements practices, policies, and procedures to reduce stormwater impacts associated with runoff from all land owned or maintained by the City. The activities include the following:

- Culvert cleaning
- Ditch maintenance
- Street sweeping
- Pipe cleaning
- Road repair
- Beaver dam maintenance
- Utility locates
- Pavement striping
- Roadside maintenance
- Vegetation management
- Snow and ice control
- Litter control
- Encampment Clean ups

2025 Surface Water Utility Projected Permit compliance Budget

2025 Surface Water Utility Projected Permit Compliance Budget				
Permit Section	Budget Description	Detail	Bugeted Amt	Total for Permit Section
Stormwater Planning	SW MasterActionPlan		$220,000	$230,000
	Conferences, Dues, Training		$10,000	
Public education and outreach	Supplies-Public Outreach Ed		$18,000	$39,400
	Operating Supplies		$15,000	
	MarCom Salary Budget		$6,400	
Public Involvement and Participation	Operating Supplies		$5,000	$5,000
MS4 Mapping and documentation	Software Licenses		$1,000	$51,000
	GIS & Asset Mgt Progm		$50,000	
Iliicit Discharge Dectection and Elimination	Emergency Spill ResponseClean		$164,000	$169,000
	Disposal Testing Service		$5,000	
Controlling runoff from New Dev., Redev, and Construction	Disposal Testing Service		$5,000	$35,000
	Professional Services-Misc.	inspection cost	$30,000	
Stormwater Management for Existing Dev	SW MasterActionPlan		$220,000	$3,050,000
	Grade C Stormwater Pipe Repair		1,830,000.00	
	Nickle CrkOSH Rd Fish Pass		400,000.00	
	MCBlvdSubArea BasinDrain Imprv		$500,000	
	Storm Pipe RehabSW90003		$100,000	
Source Control for Existing Dev	Operating Supplies		$5,000	$19,332
	Labor for inspections and technical assistance		$14,332	
Operations and Maintenance	Catch Basin & Pond Maintenance		$20,000	$1,421,899
	Ditch & Swale Cleaning Service		$20,000	
	Catch BasinPub Facility Inspe		$450,000	
	Catch Basin and Pipe Cleaning		$400,000	
	Repair & Maint-VehicleSweeper		$40,000	
	Equipment Replacement Funding		$95,000	
	labor for surface water utility related operation and maintenance		$330,899	
	Gasoline Fuel		$12,000	
	Small Tools & Equipment		$4,000	
	Rental - ToolsEquipment		$50,000	