

| Number | Permit Section | Question |
|--------|----------------|---|
| 1 | S9.D.6 | <p>Attach a map of any annexations, incorporations or boundary changes resulting in an increase or decrease in the Permittee's geographic area of permit coverage during the reporting period per S9.D.6.</p> <p>Not Applicable</p> |
| 2 | S5.A.2; S9.D.1 | <p>Attach updated annual Stormwater Management Program Plan (SWMP Plan). (S5.A.2; S9.D.1)</p> <p>2025 Annual Stormwater Managem_2_03042025074256</p> |
| 3 | S5.A | <p>Implemented an ongoing program to gather, track, and maintain information per S5.A.3, including costs or estimated costs of implementing the SWMP.</p> <p>Yes</p> |
| 4 | S5.A.5.b | <p>Continued to coordinate among departments within the jurisdiction to eliminate barriers to permit compliance. (S5.A.5.b)</p> <p>Yes</p> |
| 5 | S9.D.4 | <p>If applicable, identify other entities relied on to satisfy any of the obligations under the Permit. (S9.D.4)</p> <p>Not Applicable</p> |
| 6 | S5.C.1.a | <p>Continue to convene an interdisciplinary team to inform and assist in the development, progress, and influence of the stormwater planning program? (S5.C.1.a.)</p> <p>Yes</p> |
| 12 | S5.C.1.c.i | <p>Continue to design and implement local development-related codes, rules, standards, or other enforceable documents to minimize impervious surfaces, native vegetation loss, and stormwater runoff, where feasible? See S5.C.1.c.i. (Required annually)</p> <p>Yes</p> |
| 13 | S5.C.1.c.i(a) | <p>From the assessment described in S5.C.1.c.i(a), did you identify any administrative or regulatory barriers to implementation of LID Principles or LID BMPs? (Required annually)</p> <p>No</p> |

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|--------|----------------|--|
| 19 | S5.C.2 | <p>Did you choose to adopt one or more elements of a regional program? (S5.C.2)</p> <p>Yes</p> |
| 19a | S5.C.2 | <p>If yes, list the elements, and the regional program.</p> <p>BIG (Business Inspection Group), STORM (Stormwater Outreach for Regional Municipalities), PSSH (Puget Sound Starts Here), AQWA Team (Allen Quilceda Watershed Action Team).</p> |
| 20 | S5.C.2 | <p>Attach a description of general awareness efforts conducted, including your target audiences and subject areas, per S5.C.2.a.i.</p> <p>2024 Outreach Engagement Repor_20_02252025104430</p> |
| 24 | S5.C.2.a.iii | <p>Provided, partnered, or promoted stewardship opportunities to encourage resident participation in activities such as those described in S5.C.2.a.iii.</p> <p>Yes</p> |
| 24a | S5.C.2.a.iii | <p>Attach a list of stewardship opportunities provided.</p> <p>2024 Stewardship Report_24a_02252025104431</p> |
| 25 | S5.C.3.a | <p>Describe in Comments field the opportunities created for the public to participate in the decision-making processes involving the development, implementation, and updates of the Permittee's SWMP and the SMAP.</p> <p>A request for comments on the SWMP was added onto the City utility bills, posted on the front page of the City web site, advertised on City social media sites and added to the surface water web page. The SWMP was available for review and comment in February and March. The SMAP process documents were posted on the City web site in English and Spanish. Public comment was also advertised on social media. Comment was sought at the point of draft watershed prioritization and again at the draft SMAP point. A presentation delivered to external stakeholders on the draft SMAP was posted on the web site also.</p> |
| 25a | S5.C.3.a.i | <p>Describe specific public involvement and participation opportunities provided to overburdened communities and specifically, highly impacted communities. (S5.C.3.a.i)</p> |

| Number | Permit Section | Question |
|--------|----------------|--|
| | | <p>Request for comments on any relevant plans are hosted on social media and sent to residents through direct mail. The comment process has been streamlined to be as accessible as possible, there are multiple ways to submit comments.</p> |
| 26 | S5.C.3. | <p>Posted the updated SWMP Plan and latest annual report on your website no later than May 31. (S5.C.3.b)</p> <p>Yes</p> |
| 26a | S5.C.3. | <p>List the website address in Comments field.</p> <p>https://marysvillewa.gov/294/NPDES-II-Permit</p> |
| 27 | S5.C.4. | <p>Maintained an electronic map of the MS4 including the requirements listed in S5.C.4.?</p> <p>Yes</p> |
| 32 | S5.C.5.b | <p>Informed public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste. (S5.C.5.b)</p> <p>Yes</p> |
| 32a | S5.C.5.b | <p>Describe actions in Comments field. (S5.C.5.b)</p> <p>The City uses internal meetings, newsletters, and trainings to inform employees about the Illicit Discharge Detection and Elimination program. General outreach programs have been developed to inform businesses and the general public of the hazards associated illicit discharges and improper disposal of waste. General outreach included advertising the spill hotline number, private facility inspection program, information distributed at events, installing drain markers with the spill hotline number, information on the City web site and social media.</p> |
| 33 | S5.C.5.c | <p>Implemented an ordinance or other regulatory mechanism to effectively prohibit non-stormwater, illicit discharges as described in S5.C.5.c.</p> <p>Yes</p> |
| 35 | S5.C.5.d.i | <p>Implemented procedures for conducting illicit discharge investigations in accordance with S5.C.5.d.i.</p> <p>Yes</p> |

| Number | Permit Section | Question |
|--------|----------------|--|
| 35a | S5.C.5.d.i | <p>Cite field screening methodology in Comments field.</p> <p>The Illicit Connection and Illicit Discharge Filed Screening and Source Tracing Guidance Manual May 2020 is being used as a reference manual for Illicit discharge investigations. Catch basin inspections are the primary IDDE screening method.</p> |
| 36 | S5.C.5.d.i(a) | <p>Percentage of MS4 coverage area screened in the reporting year per S5.C.5.d.i. (Required to screen 12% on average each year.)</p> <p>24</p> |
| 36a | S5.C.5.d.i(a) | <p>Cite field screening techniques used to determine percent of MS4 screened.</p> <p>Catch Basin Screening</p> |
| 37 | S5.C.5.d.ii | <p>Describe how you publicized a hotline telephone number for public reporting of spills and other illicit discharges in the Comments field. (S5.C.5.d.ii)</p> <p>The hotline is listed in the blue pages under "spill reporting," advertised on brochures, drain markers and the City's web site.</p> |
| 38 | S5.C.5.d.iii | <p>Implemented an ongoing illicit discharge training program for all municipal field staff per S5.C.5.d.iii.</p> <p>Yes</p> |
| 39 | S5.C.5.e | <p>Implemented an ongoing program to characterize, trace, and eliminate illicit discharges into the MS4 per S5.C.5.e.</p> <p>Yes</p> |
| 40 | S5.C.5.f | <p>Implemented an ongoing illicit discharge training program for all staff responsible for implementing the procedures and program described in S5.C.5.f.</p> <p>Yes</p> |
| 41 | S5.C.5.g | <p>Attach a report with data describing the actions taken to characterize, trace, and eliminate each illicit discharge reported to, or investigated by, the Permittee as described in S5.C.5.g. The submittal must include all of the applicable information and must follow the instructions, timelines, and format described in Appendix 13.</p> <p>Imported from WQWebIDDE</p> |

| Number | Permit Section | Question |
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| 42 | S5.C.6.b.i-iii | Continued to implement an ordinance or other enforceable mechanism to effectively address runoff from new development, redevelopment, and construction sites per the requirements of S5.C.6.b.i-iii. Yes |
| 44 | | Does the ordinance or other enforceable mechanism follow a Phase I program approved by Ecology (S5.C.6.b.i)? No |
| 45 | S5.C.6.b.i. and Section 5 of Appendix 1 | Number of adjustments granted to the minimum requirements in Appendix 1. (S5.C.6.b.i. and Section 5 of Appendix 1) 1 |
| 45a | S5.C.6.b.i. and Section 5 of Appendix 1 | Number of adjustments granted to the Minimum Requirements #5? 0 |
| 46 | S5.C.6.b.i., and Section 6 of Appendix 1 | Number of exceptions granted to the minimum requirements in Appendix 1. (S5.C.6.b.i., and Section 6 of Appendix 1) 0 |
| 47 | S5.C.6.c.i | Reviewed Stormwater Site Plans for all proposed development activities that meet the thresholds adopted pursuant to S5.C.6.b.i. (S5.C.6.c.i) Yes |
| 47a | S5.C.6.c.i | Number of site plans reviewed during the reporting period. 58 |
| 48 | S5.C.6.c.ii | Inspected, prior to clearing and construction, permitted development sites per S5.C.6.c.ii? Yes |
| 49 | S5.C.6.c.iii | Inspected permitted development sites during construction to verify proper installation and maintenance of required erosion and sediment controls per S5.C.6.c.iii. Yes |
| 49a | S5.C.6.c.iii | Number of construction sites inspected per S5.C.6.c.iii. 53 |

| Number | Permit Section | Question |
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| 49b | S5.C.6.c.iv | <p>Inspected stormwater treatment and flow control BMPs/facilities and catch basins in new residential developments at least twice per 12-month period with no less than 4 months between inspections, per S5.C.6.c.iv?</p> <p>Yes</p> |
| 50 | S5.C.6. | <p>Inspected all permitted development sites upon completion of construction and prior to final approval or occupancy to ensure proper installation of permanent stormwater facilities. (S5.C.6.c.v)</p> <p>Yes</p> |
| 51 | S5.C.6. | <p>Verified a maintenance plan is completed and responsibility for maintenance is assigned for projects prior to final approval and occupancy being granted. (S5.C.6.c.v)</p> <p>Yes</p> |
| 52 | S5.C.6.c.viii | <p>Number of enforcement actions taken during the reporting period (based on construction phase inspections at new development and redevelopment projects, per S5.C.6.c.ii-iv). (S5.C.6.c.viii)</p> <p>0</p> |
| 53 | S5.C.6.c.vi | <p>Achieved at least 80% of scheduled construction-related inspections. (S5.C.6.c.vi)</p> <p>Yes</p> |
| 54 | S5.C.6.d | <p>Made online links to Ecology's Construction Stormwater General Permit Notice of Intent, the Industrial Stormwater General Permit Notice of Intent, and the registration requirements for Underground Injection Control (UIC) available to representatives of proposed new development and redevelopment? (S5.C.6.d)</p> <p>Yes</p> |
| 55 | S5.C.6.e | <p>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 are trained to conduct these activities. (S5.C.6.e)</p> <p>Yes</p> |
| 56 | S5.C.7.b | <p>Attach a list of projects that are fully funded, started, completed and/or scheduled for implementation during this permit term for the purpose of meeting S5.C.7.b, with the information and</p> |

| Number | Permit Section | Question |
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| | | <p>formatting specified in Appendix 12. Attach an updated list annually. (S5.C.7.b,)</p> <p>2024 Retrofit Project List_56_03202025113048</p> |
| 57 | S5.C.8.b | <p>Updated inventory to identify institutional, commercial and industrial properties which have the potential to generate pollutants to the Permittee’s MS4 per S5.C.8.b? (Required at least once every five years)</p> <p>Yes</p> |
| 57a | S5.C.8.b | <p>Number of total sites identified for the inventory.</p> <p>787</p> |
| 58 | S5.C.8.a-d | <p>Attach a summary of actions taken to implement the source control program, per S5.C.8.a-d.</p> <p>2024 Source Control Report_58_02252025104402</p> |
| 59 | S5.C.8.d | <p>Attach a list of inspections, per S5.C.8.c.v, organized by the business category, noting the number of times each business was inspected and if enforcement actions were taken, per S5.C.8.d.</p> <p>2024 Business Inspection Repor_59_02252025104402</p> |
| 60 | S5.C.8.e | <p>Implemented an ongoing source control training program per S5.C.8.e?</p> <p>Yes</p> |
| 61 | S5.C.9.a | <p>Implemented maintenance standards that are as protective, or more protective, of facility function than those specified in the Stormwater Management Manual for Western Washington or a Phase I program approved by Ecology per S5.C.9.a?</p> <p>Yes</p> |
| 63 | S5.C.9.a | <p>Applied a maintenance standard for a facility or facilities which do not have maintenance standards specified in the Stormwater Management Manual for Western Washington? (S5.C.9.a)</p> <p>No</p> |
| 64 | S5.C.9.a.ii | <p>Verified that maintenance was performed per the schedule in S5.C.9.a.ii when an inspection identified an exceedance of the maintenance standard.</p> <p>Yes</p> |

| Number | Permit Section | Question |
|--------|----------------|---|
| 64a | S5.C.9.a.ii | <p>Attach documentation of maintenance time frame exceedances that were beyond the Permittee's control.</p> <p>Not Applicable</p> |
| 65 | S.5.C.9.b.i(a) | <p>Implemented an ordinance or other enforceable mechanisms to verify long-term operation and maintenance of stormwater treatment and flow control BMPs/facilities regulated by the permittee per S.5.C.9.b.i(a)?</p> <p>Yes</p> |
| 66 | S5.C.9.b.i(b) | <p>Inspected stormwater treatment and flow control BMPs/facilities regulated by the Permittee per S5.C.9.b.i(b)</p> <p>Yes</p> |
| 66a | S5.C.9.b.i(b) | <p>Are you using a reduced stormwater treatment and flow control BMPs/facilities inspection frequency?</p> <p>No</p> |
| 66b | S5.C.9.b.i(b) | <p>If using a reduced inspection frequency on stormwater facilities regulated by the Permittee for the first time during this permit cycle, attach documentation per S5.C.9.b.i.(b).</p> <p>Not Applicable</p> |
| 67 | S5.C.9.b.ii | <p>Achieved at least 80% of required inspections to verify adequate long-term O&M. (S5.C.7.b.ii)</p> <p>Yes</p> |
| 68 | S5.C.9.c.i | <p>Annually inspected municipally owned or operated permanent stormwater treatment and flow control BMPs/facilities. (S5.C.9.c.i)</p> <p>Yes</p> |
| 68a | S5.C.9.c.i | <p>Number of known municipally owned or operated stormwater treatment and flow control BMPs/facilities. (S5.C.9.c.i)</p> <p>645</p> |
| 68b | S5.C.9.c.i | <p>Number of facilities inspected during the reporting period.</p> <p>601</p> |
| 68c | S5.C.9.c.i | <p>Number of facilities for which maintenance was performed during the reporting period.</p> |

| Number | Permit Section | Question |
|------------|----------------|---|
| 175 | | |
| 69 | S5.C.9.c.i | If using reduced inspection frequency for the first time during this permit cycle, attach documentation per S5.C.9.c.i. Not Applicable |
| 70 | S5.C.9.c.ii | Conducted spot checks and inspections (if necessary) of potentially damaged stormwater facilities after major storms as per S5.C.7.c.ii. Yes |
| 71 | S5.C.9.c.iii | Inspected municipally owned or operated catch basins and inlets every two years or used an alternative approach? Cleaned as needed? (S.5.C.9.c.iii) Yes |
| 71a | S5.C.9.c.iii | Number of known catch basins and inlets? 13637 |
| 71b | S5.C.9.c.iii | Number of catch basins and inlets inspected during the reporting period? 3258 |
| 71c | S5.C.9.c.iii | Number of catch basins and inlets cleaned during the reporting period? 348 |
| 72 | S5.C.9.c.iii | Attach documentation of alternative catch basin inspection approach for those owned or operated by the Permittee, if used, per S5.C.9.c.iii. Alt_CB_Program_72_02252025104528 |
| 73 | S5.C.9.d | Implemented practices, policies and procedures to reduce stormwater impacts associated with runoff from all lands owned or maintained by the Permittee, and road maintenance activities under the functional control of the Permittee. (S5.C.9.d) Yes |
| 79 | S5.C.9.f | Implemented a Stormwater Pollution Prevention Plan (SWPPP) for all heavy equipment maintenance or storage yards, and material storage facilities owned or operated by the Permittee in areas subject to this Permit that are not required to have |

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|--------|------------------------------|---|
| | | <p>coverage under an NPDES permit that covers stormwater discharges associated with the activity. (S5.C.9.f)</p> <p>Yes</p> |
| 80 | S5.C.9.g | <p>Implemented an ongoing training program for Permittee employees whose primary construction, operations or maintenance job functions may impact stormwater quality. (S5.C.9.g)</p> <p>Yes</p> |
| 81 | S7.A | <p>Complied with the Total Maximum Daily Load (TMDL)-specific requirements identified in Appendix 2. (S7.A)</p> <p>Yes</p> |
| 81a | S7.A | <p>List any requirements that were not met.</p> <p>Not Applicable</p> |
| 82 | S7.A | <p>For TMDLs listed in Appendix 2: Attach a summary of relevant SWMP and Appendix 2 activities to address the applicable TMDL parameter(s). (S7.A)</p> <p>2024 TMDL Report_82_02252025104706</p> |
| 83 | S8.A.1, S8.A.2.a | <p>Submitted payment for cost-sharing for Stormwater Action Monitoring (SAM) status and trends monitoring no later than December 1, 2024 (S8.A.1); and no later than August 15 of each subsequent year? (S8.A.2.a.)</p> <p>Yes</p> |
| 84 | S8.A.2.a, S8.A.2.b | <p>Notified Ecology by December 1, 2024 which option you selected: S8.A.2.a, or S8.A.2.b.</p> <p>Yes</p> |
| 85 | S8.B.1, S5.B.2.a or S8.B.2.c | <p>Submitted payment for cost-sharing for SAM effectiveness and source identification studies no later than December 1, 2024 (S8.B.1); and no later than August 15 of each subsequent year (S8.B.2.a or S8.B.2.c)?</p> <p>Yes</p> |
| 86 | S8.B.2.a, or S8.B.2.b. | <p>Notified Ecology by December 1, 2024 which option you selected: S8.B.2.a, or S8.B.2.b.</p> <p>Yes</p> |

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|--------|---------------------------|--|
| 87 | S8.C.1.b and Appendix 9 | <p>If conducting stormwater discharge monitoring in accordance with S8.C.1, submitted a QAPP to Ecology no later than February 1, 2025? (S8.C.1.b and Appendix 9)</p> <p>Not Applicable</p> |
| 89 | G3 | <p>Notified Ecology in accordance with G3 of any discharge into or from the Permittees MS4 which could constitute a threat to human health, welfare or the environment. (G3)</p> <p>Yes</p> |
| 90 | G3 | <p>Took appropriate action to correct or minimize the threat to human health, welfare, and/or the environment per G3.A.</p> <p>Yes</p> |
| 91 | Compliance with standards | <p>Notified Ecology within 30 days of becoming aware that a discharge from the Permittee's MS4 caused or contributed to a known or likely violation of water quality standards in the receiving water. (S4.F.1)</p> <p>Not Applicable</p> |
| 92 | Compliance with standards | <p>If requested, submitted an Adaptive Management Response report in accordance with S4.F.3.a.</p> <p>Not Applicable</p> |
| 93 | Compliance with standards | <p>Attach a summary of the status of implementation of any actions taken pursuant to S4.F.3 and the status of any monitoring, assessment, or evaluation efforts conducted during the reporting period. (S4.F.3.d)</p> <p>Not Applicable</p> |
| 94 | G20 | <p>Notified Ecology of the failure to comply with the permit terms and conditions within 30 days of becoming aware of the non-compliance. (G20)</p> <p>Not Applicable</p> |
| 95 | G20 | <p>Number of non-compliance notifications (G20) provided in reporting year. List permit conditions described in non-compliance notification(s) in Comments field.</p> <p>Not Applicable</p> |



City of Marysville
Stormwater Management
Program Plan 2025



Table of Contents

| | |
|--|----|
| Purpose | 1 |
| Introduction | 1 |
| Coordination | 4 |
| S5.C.1 Stormwater Planning | 6 |
| S5.C.2 Public Education and Outreach..... | 7 |
| S5.C.3 Public Involvement and Participation | 10 |
| S5.C.4 MS4 Mapping and Documentation..... | 11 |
| S5.C.5 Illicit Discharge Detection and Elimination | 12 |
| S5.C.6 Controlling Runoff from New Development, Redevelopment, and Construction..... | 16 |
| S5.C.7 Stormwater Management for Existing Development..... | 18 |
| S5.C.8 Source Control Program form Existing Development..... | 18 |
| S5.C.9 Operations and Maintenance | 20 |
| TMDL..... | 26 |
| S8 Monitoring and Assessments..... | 27 |
| S9 Reporting Requirements | 27 |
| Appendix 1: Organization Charts | 29 |
| Appendix 2: 2025 Schedule..... | 30 |

Purpose

The National Pollutant Discharge Elimination System (NPDES) Permit (Permit) is a federal permit that regulates stormwater and wastewater discharges to waters of the State. While it is a federal permit, the regulatory authority has been passed to the Washington State Department of Ecology (Ecology) for program implementation. The first term of the modern Western Washington Phase II Municipal Stormwater Permit began in January of 2007. The current permit term is five years, beginning on August 1, 2024 and ending on July 31, 2029.

The current Permit requires that all regulated municipalities create and implement a Stormwater Management Program (SWMP), which addresses eight required program elements:

- 1) Stormwater Planning
- 2) Public Education and Outreach,
- 3) Public Involvement and Participation,
- 4) MS4 Mapping and Documentation,
- 5) Illicit Discharge Detection and Elimination,
- 6) Controlling Runoff from New Development, Redevelopment and Construction Sites,
- 7) Municipal Operations and Maintenance, and
- 8) Source Control Program for Existing Development

This SWMP must also describe the planned actions to meet Total Maximum Daily Load (TMDL) and Monitoring and Assessment requirements, if applicable to the City. Marysville is subject to both of these requirements, so they are also described for the upcoming calendar year.

This SWMP Plan will document what actions the City will take in 2025 to meet the Permit requirements. The SWMP Plan is designed to reduce the discharge of pollutants from the regulated small municipal separate storm sewer system (MS4) to the maximum extent practicable (MEP) and meet state AKART (all known and reasonable technologies) requirements and protect water quality.

Introduction

The City of Marysville is located in Snohomish County approximately five miles north of Everett, and adjacent to the southern border of the City of Arlington. Major highways within the City include Interstate 5, State Route 531, State Route 528 and State Route 529. The Burlington Northern Santa Fe Railroad also runs north to south through the City.

Population and Growth

The City of Marysville was incorporated in 1891 with 350 inhabitants. Timber related industries increased the population to 1250 residents by 1905. As new buildings, schools, streets, bridges and highways were built the town's population continued to grow. It took approximately 50 years for the City to double in size and in 1954 it had grown to 2,500 people. By 1980, the population had again doubled, but in half the time it had previously taken.

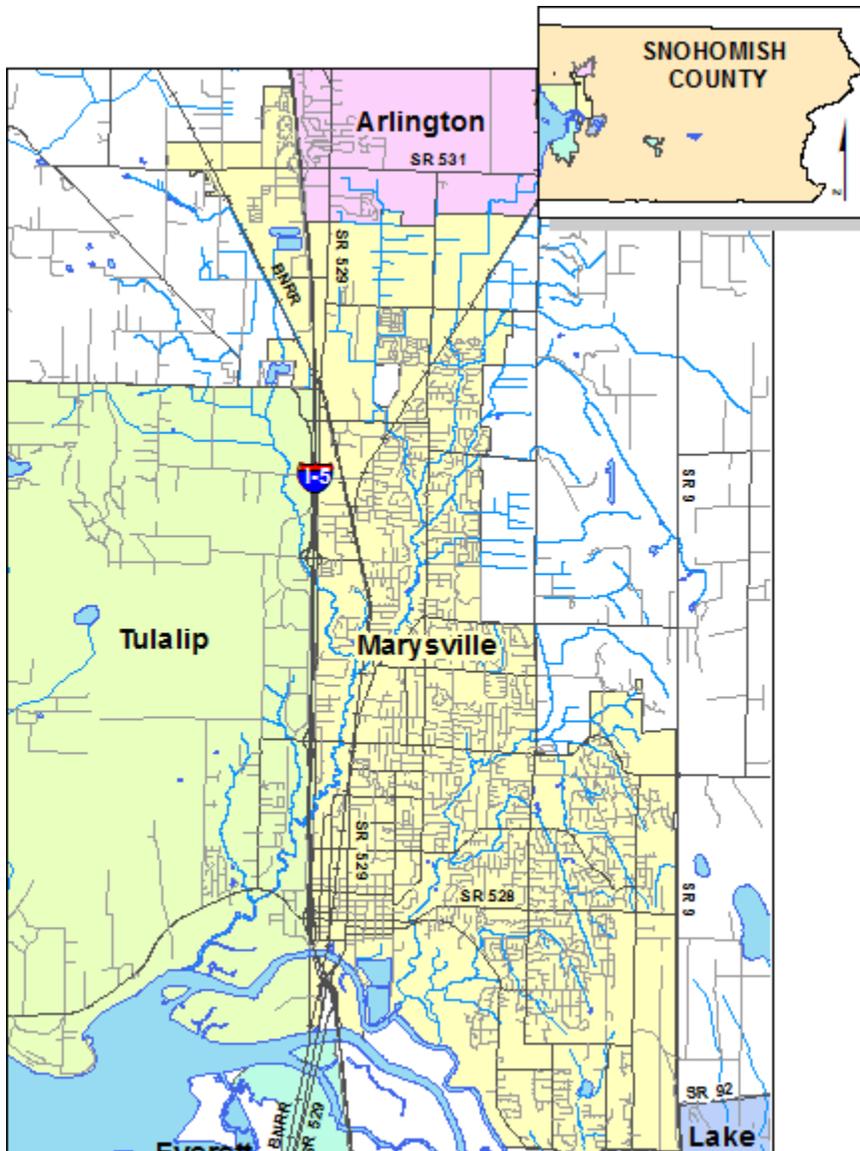


Figure 1. Regional Map of Marysville

Since 1980, the population has almost doubled with each decade through 2000. Marysville’s location with proximity to major employment centers and transportation corridors, the beauty of the natural setting, the moderate size of the community, and the relatively reasonable housing costs make it an attractive City. Upon annexing the majority of its Urban Growth Area (UGA) in December 2009, the City grew to approximately 58,040 residents. The population of Marysville is 71,144, per a demographics survey carried out by the city in 2022.

Land Use Distribution

Marysville is largely comprised of residential neighborhoods. A large majority of the commercial and industrial property is located on the

east and west sides of State Avenue, which is the main north-south thoroughfare through the City. New commercial and industrial development is occurring in the Downtown, Lakewood and Smokey Point areas of Marysville.

Hydrologic Conditions

The City is part of the lower Snohomish River Basin, in Water Resource Inventory Area (WRIA) 7. Quilceda and Allen watershed are the two sub basins draining a majority of the City. The Quilceda/Allen watershed contains approximately 70 minor streams and tributaries and encompasses an area of approximately 49 square miles.

Approximately 11 square miles drains to Allen Creek and the other 38 square miles drains to Quilceda Creek. Both of these creeks empty into Ebey Slough near the mouth of the Snohomish River. The Quilceda Basin consists of till, outwash, Custer Norma and saturated soils with the central plain of the basin being comprised primarily of a combination of Custer Norma and

outwash soils. The eastern and western hillsides primarily consist of till soils. Till soils are dense and have limited infiltration capabilities, whereas Custer Norma and outwash soils drain well. However, due to high winter groundwater tables in the basin, surface water runoff is common. The Allen basin consists of till, outwash, Custer Norma and saturated soils. Again, due to high groundwater tables in the winter, surface water runoff is common in the Allen Basin. Marysville receives approximately 52 inches of precipitation annually with the majority concentrated in the fall and winter months.

Topography

The Marysville Trough is the most prominent topographic feature characterizing the City. The Marysville Trough is an expansive, nearly flat, alluvial plain and runs north south through much of the City.

Elevations along the trough range from approximately 130 ft. in the north to sea level in the south along Ebey Slough. The Trough is bordered to the west by the Tulalip Plateau and to the east by the Getchel Hill Plateau. The headwaters to Quilceda and Allen Creeks are located in the northeast, on the Getchel Hill Plateau.

The maximum elevation is 430 feet located at the intersection of 74th place and 83rd avenue and slopes in this area are generally northwesterly. The headwaters of Jones, Munson and King Creeks are located in the southeast on the top of the Getchel Hill Plateau. The maximum elevation in this area is 465 feet, between 60th and 64th streets on Highway 9 at the eastern edge of the City limits.

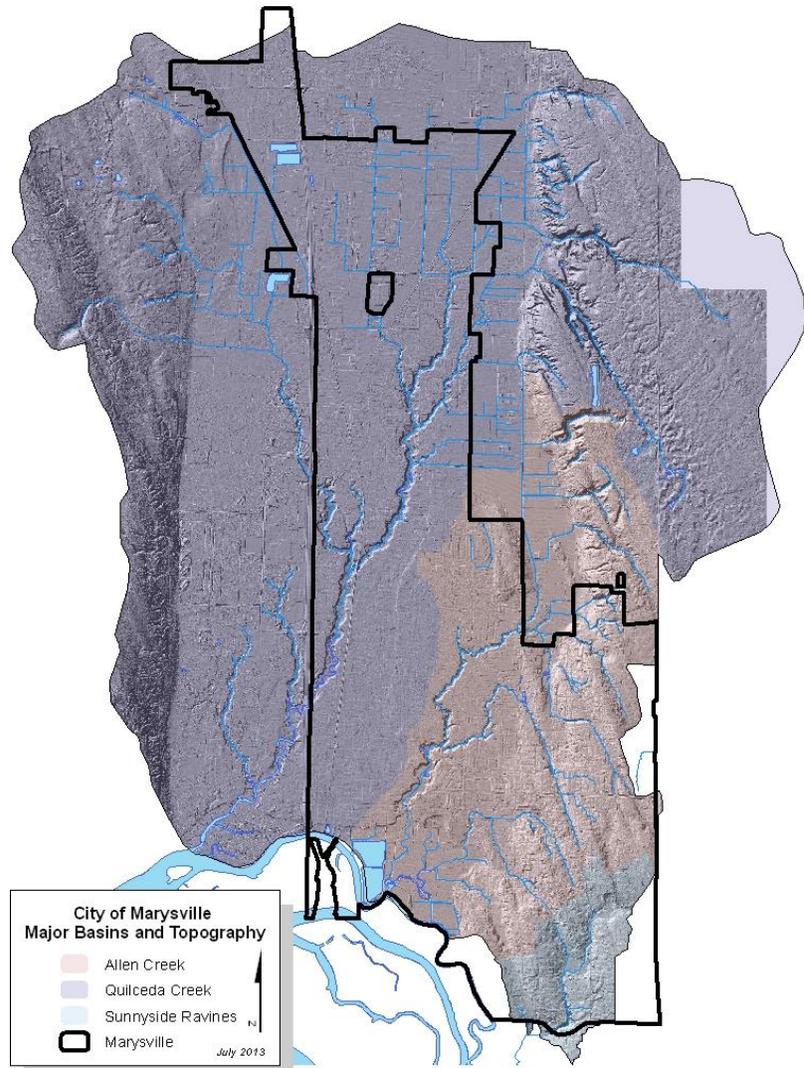


Figure 2. Marysville Topographic Watershed Map

Receiving Water Quality and Pollutants of Concern

Both Allen and Quilceda creeks have been placed on Washington State's 303(d) list for fecal coliform, requiring Total Maximum Daily Load (TMDL) cleanup plans. Other pollutants of concern within the Allen/Quilceda Watersheds include total suspended solids (TSS), fertilizers, petroleum, detergents, heavy metals and organic wastes. In the summer months, low dissolved oxygen levels are also a concern. Primary sources of pollution in the watershed may include high sediment loads, runoff from agricultural and pasture lands, failing septic systems in older neighborhoods and increased impervious runoff causing high pollutant loading from urbanization. All these activities have potentially detrimental effects on water quality within the watershed.

Stormwater Drainage System

Within Marysville, stormwater runoff from buildings, driveways, parking lots and other impervious surfaces is collected, then conveyed through public and private drainage systems to local waterways.

Most of the public drainage lines are within existing road rights-of-way. Much of the run-off is conveyed to public detention/water quality facilities prior to release, or detained and treated on-site in a private facility then released into the public system. The storm drainage system ultimately discharges stormwater to one of the local tributaries or directly to Ebey Slough.

Coordination

The Surface Water Division works both internally and externally to coordinate permit activities. General coordination activities that don't fall under a specific permit section are described below. The groups responsible for specific items required in the Permit are called out in the applicable section of this SWMP Plan.

S5.A.5.a: The City of Marysville borders the Cities of Arlington and Lake Stevens, Unincorporated Snohomish County and the Tulalip Tribes Reservation. The Cities of Arlington and Lake Stevens are Phase II Permittees and Snohomish County is a Phase I Permittee, while Tulalip Tribal Land is federally regulated and not covered by the Washington State NPDES Permit program. The primary mechanism for external coordination is the North Sound Permit Coordinators meetings. These quarterly meetings create a forum to coordinate stormwater management activities for shared water bodies among Permittees, and avoid conflicting plans, policies and regulations. External coordination is also accomplished through the Status and Trends Monitoring Option #1 of section S8 in the Phase II Municipal Permit.

The City coordinates with Fire District 12 for Illicit Discharge spill response. The Fire District has a Hazardous Materials Team and works as a part of the countywide response team. The City coordinates with Snohomish County, Department of Ecology and STORM (a regional educational outreach group) to provide education and outreach programs. The also participated in Sno-STORM, which is a regional sub-group of STORM, consisting of municipalities in Snohomish County. This allows for indepth regional coordination of planning, events, and other

outreach efforts. See a full description of those programs in the Education and Outreach section of this SWMP Plan.

S5.A.5.b: Within the City, the Surface Water division is the main work group responsible for Permit implementation. The primary mechanism for internal coordination is engagement with other City working groups through meetings and involvement in activities, thereby providing direct support or clarification when needed and reducing barriers to Permit compliance. Table 1 is a general overview of the Permit requirements and the City departments, or partners, which are responsible for each requirement. See Appendix 1 for City organizational charts.

Table 1. Overview of Responsibilities

| Permit Section | Title | Divisions Responsible |
|----------------|--|--|
| S5.C.1 | Stormwater Planning | Surface Water Division Community Development Dept. |
| S5.C.2 | Public Education and Outreach | Surface Water Division Parks Dept. Marysville School District STORM & Sno-STORM |
| S5.C.3 | Public Involvement and Participation | Surface Water Division |
| S5.C.4 | MS4 Mapping and Documentation | Surface Water Division GIS (Geographical Information Services group) |
| S5.C.5 | Illicit Discharge Detection and Elimination | Public Works All City Staff (reporting incidents) Fire District 12 |
| S5.C.6 | Controlling Runoff from New Development, Redevelopment, and Construction Sites | Surface Water Division Community Development Dept. Engineering |
| S5.C.7 | Stormwater Management for Existing Development | Surface Water Division |
| S5.C.8 | Source Control Program for Existing Development | Surface Water Division |
| S5.C.9 | Municipal Operations & Maintenance | |

Public Works (PW)

The Surface Water Division is part of the Public Works Department, and the primary work group responsible for Permit implementation. This group creates permit related submittals, plans, reports and records. There are six staff members within the division, the Storm/Sewer Supervisor, a Permit Coordinator, two Surface Water Specialists, two Surface Water Inspectors. The Sewer/Storm Maintenance Division is managed by the same supervisor as the Surface Water Division. The Sewer/Storm Maintenance Division fulfills many of the Operation and Maintenance activities required by the Permit.

The Surface Water Division has prepared Standard Operating Procedures (SOPs) describing how procedural and tracking of permit activities is conducted within several City departments. The Surface Water Division implements in house training efforts and assists other departments to receive external training when needed/appropriate. In house training for all PW Crews on Best Management Practices (BMP) and Illicit Discharge Detection and Elimination (IDDE) are typically held annually. While these trainings are utilized to convey the primary subject matter, they are also used to relay overall Permit concepts, changes in requirements and supporting documents like the Stormwater Pollution Prevention Plan (SWPPP) or BMP Documents. Multiple work groups within the PW department work to update and comply with the citywide SWPPP.

The surface water utility funds are used to support a variety of positions throughout the City because the staff members perform permit related job duties. These positions include Public Works and Community Development Department staff.

Engineering

Development Services, reviews development plans for technical requirements, specified in Appendix 1 and the Stormwater Manual. A weekly meeting with Development Services is attended by the Surface Water Inspector. This meeting creates an open dialogue regarding current issues throughout the development process and provides a forum for coordination.

Parks Department

The Parks department notifies a Surface Water staff member when bags are close to running out and the order is filled by Surface Water. They are typically refilled once a year, across all city parks. The Parks department is involved with many citywide events and coordinates facility reservations for meetings/events. The Parks department also works to update and comply with the citywide SWPPP and assists in the detection of spills and other discharges.

Other Departments

All city staff are responsible for reporting illicit discharges to the City's Spill Hotline. The City maintains an internal web site, which opens as the home page. On the internal web site, there is a link to a Surface Water Division departmental page. This page has information and training videos posted. The City also has an internal newsletter that is distributed citywide. This newsletter can be used to post surface water related reminders.

S5.C.1 Stormwater Planning

S5.C.1.a: Each permittee shall continue to convene and inter-disciplinary team to inform and assist in the development, progress, and influence of this program.

The City has convened an interdisciplinary team to inform and assist in the development, progress, and influence of the Stormwater Planning program. The team includes the Community Development, Engineering, and other public work stakeholder staff. Other internal and external partners may be identified for specific tasks.

S5.C.1.c: Low impact development code-related requirements. Permittees shall continue to require LID Principles and LID BMPs when updating, revising, and developing new local development-related codes, rules, standards, or other enforceable documents, as needed. The intent shall be to make LID the preferred and commonly used approach to site development. The local development-related codes, rules, standards, or other enforceable documents shall be designed to minimize impervious surfaces, native vegetation loss, and stormwater runoff in all types of development situations, where feasible.

Annually, each Permittee shall assess and document any newly identified administrative or regulatory barriers to implementation of LID Principles or LID BMPs since local codes were updated in accordance with the 2013 Permit, and the measures developed to address the barriers. If applicable, the report shall describe mechanisms adopted to encourage or require implementation of LID principles or LID BMPs.

The City will continue implementing the low-impact development code-related requirements adopted in 2016. Annually, the City will assess and document any newly identified administrative or regulatory barriers to implementing LID Principles or LID Best Management Practices (BMPs). The City will develop measures to address any barriers identified. If applicable, the report will describe mechanisms adopted to encourage or require the implementation of LID principles or LID BMPs.

S5.C.2 Public Education and Outreach

S5.C.2.a: Each permittee shall implement an education and outreach program. The program design shall be based on local or regional (or a combination of both) water quality information and priority audience characteristics to identify high priority audience, subject areas, and/or BMPs. Based on the priority audiences demographic, the permittee shall consider delivering its; selected messages in languages other than English, as appropriate to the audience.

City staff have developed an education and outreach program that will be implemented throughout the City. The program was designed to educate target audiences about stormwater problems and provide specific actions they can follow to minimize these problems.

S5.C.2.a.i: To build general awareness, permittees shall annually select, at a minimum, one priority audience and one subject area.

The city hosts or participates in several programs and events each year. The following list is planned for this year but is subject to change throughout the year.

- Adopt-A-Drain: the city of Marysville is partnering with Adopt-A-Drain for catch basin stewardship, education, and outreach. Participants remove debris and litter from their drain, and participate in community activities. Individuals and communities

received education and technical support from the organization and the city in return for their participation.

- **Adopt-A-Street:** The City of Marysville Adopt-A-Street Litter Control Program is a stewardship program designed to clean up litter along the right of way, preventing it from being washed into the MS4. This program is organized within the Streets Division. Participating groups volunteer to remove litter from an assigned section of the street at least four times a year over a two-year period. Groups are usually asked to remove litter from at least six street blocks. In return, the Public Works Department posts permanent signs identifying the adopting group and provides safety vests, hard hats, and trash bags. When the bags are filled, groups leave them at the clean-up site, and the City of Marysville solid waste collectors pick them up.
- **Catch Basin Markers:** The City has a catch basin marker program and uses adhesive storm drain markers. The drain marker includes the report the spill phone number. City staff will place markers across the city and invite residents to seek out markers in their area, post them online, and learn about
- **City Code:** During the plan review process, Development Services staff members check for adherence to Stormwater Manual standards, ensuring that engineers, contractors, and developers are aware of the standards. The Marysville Municipal Code (MMC) contains Stormwater treatment and flow control BMPs/facilities standards, technical standards for stormwater, site, and erosion control plans, and low impact development (LID) principals and LID BMPs. The city adopted the 2019 Stormwater Management Manual for Western Washington with Ordinance 3218, effective July 1, 2022. All review staff and planners have this manual available to them. A link to the manual is provided on the City website.
- **EDDS:** The Development Services Division develops the Engineering Design and Development Standards (EDDS), which engineers, developers, and contractors must use to submit building plans to the City. The Surface Water Division and Engineering will carry out a review of the EDDS in 2025. The EDDS are publicized on the City website.
- **Events:** The city distributes general information about stormwater topics during events. The information distributed is tailored to the event. This information includes dog waste, IDDE, and catch basin maintenance. The city plans to attend several events, but this list may change throughout the year, depending on circumstances and opportunities.

In 2025, Surface Water plans to attend the following events:

- Touch a Truck
 - Earth Day
 - Clean Sweep
 - Poochella
 - At least 2 farmers market days
- **Facility Inspections:** Surface Water Inspectors contact the owners of private commercial and residential stormwater systems. For most residential systems, each resident in the neighborhood is contacted after an inspection. This program informs

owners about the stormwater system and how illicit discharges may affect the system they are responsible for maintaining. The educational inspections occur at older facilities and are not required to be inspected by the Permit. These inspections will be completed as time allows. All private facilities permitted by the City after February 16, 2010, will be inspected per section S5.C.7.b.b.

- **Right-of-Way Facilities:** The City has approved bioretention facilities in the right of way or open space areas at some new residential developments. The City is taking a private/public approach to the maintenance of these facilities. The City will conduct annual inspections and maintain the hard infrastructure pieces of the system. The homeowners are responsible for the landscaping. This policy is consistent with the approach taken for other landscaping strips and street trees planted within a typical sidewalk. To implement this approach, the City is conducting outreach to the homeowners' associations (HOA) of these developments.
- **Mutt Mitt Stations:** Numerous Pet Waste Stations have been installed in City Parks. The Stations and the information associated with them educate the general public on the health and environmental risks associated with pet waste. The Parks Department will continue to maintain the existing pet waste stations, while Surface Water provides supplies.
- **Regional Campaigns:** The City participates in the regional Stormwater Outreach for Regional Municipalities (STORM) group. The STORM group includes 57 cities and counties in conjunction with the Washington State Puget Sound Partnership and the Washington State Department of Ecology. The City plans to continue attending the regional STORM meetings and the local Snohomish County STORM subgroup, "Sno-STORM".
- **School District Education:** The City gives the Marysville School District a reduction in their surface water fees based on developing and implementing an environmental education program. Programs are being taught in the 5th, 7th, and High School grade levels. The Surface Water Division supports this by providing technical information and reviews or joining classes as guest speakers and for field trips.
- **Source Control:** The Source Control inspection program will continue site visits in 2025. This inspection program will offer businesses general and site-specific information about stormwater. More details are included in Section 8, "Source Control Program for Existing Development".
- **Web Site/ Social Media:** The City maintains a website with a surface water page. Topic-specific general information is posted on this page. The home page and social media are also used for event notifications and seasonally-specific information.

S5.C.2.a.ii: To affect behavior change, permittees shall select, at a minimum, on priority audience and on BMP.

In 2025, the city will focus on changing the behavior of the general public. The behavior change goals will be based on impacts on stormwater facilities and their maintenance. The city will work with Adopt-A-Drain, STORM, and other regional partners, who have developed

outreach resources for the general public and changing behaviors that impact stormwater facilities.

The program will include events to distribute educational materials and information about stormwater facilities. This information will focus on the function of the facilities and how everyday behaviors impact them in both positive and negative ways. Surface water staff will demonstrate and encourage people to adopt behaviors that improve the system's overall function and protect their community's health.

The City anticipates that a behavior change program around the maintenance of surrounding facilities will reduce illicit discharges, water pollution, cleanliness, pests, illegal dumping, and safety and health within these communities. The team will continue to gather data to create behavior change reports detailing how behaviors in the city changed across what metrics.

S5.C.2.a.iii: Each permittee shall provide, partner with, or promote stewardship opportunities to encourage residence or businesses to participate in activities or events planned and organized within the community.

Larger stewardship events, such as Earth Day and restoration plantings, will be planned with our partners at Sound Salmon Solutions, Adopt-A-Stream, the Marysville School District, and other regional municipalities. The city will also continue to engage with the public to continuously seek opportunities to support and implement stewardship opportunities.

S5.C.3 Public Involvement and Participation

S5.C.3.a: Permittees shall create opportunities for the public, including overburdened communities, to participate in the decision-making processes involving the development, implementation, and update of the permittees SMAP and SWMP. Permittees shall document specific outreach measures for overburdened communities.

To create opportunities for the public to participate in decision-making processes involving developing, implementing, and updating the SWMP Plan, Surface Water staff will post requests for public comments annually. A request for comments will be added to the City utility bills, posted on the front page of the City website, added to the surface water web page, and posted to the City's social media sites. The draft version of the SWMP will be available for review and comment in no later than February 10th each year.

S5.C.3.b: Each permittee shall post on their website their SWMP plan and the annual report, required under S9.A, no later than May 31 each year. All other submittals shall be available to the public upon request.

The final version of the SWMP Plan and the annual report are required under S9. A are posted on the Surface Water web page titled "NPDES Phase II Permit" no later than May 31 each. All other submittals are available to the public upon request.

S5.C.4 MS4 Mapping and Documentation

S5.C.4.a: Ongoing mapping: each permittee shall maintain mapping data for features listed below.

The City employs three full-time GIS staff members within the Information & Geographic Services Department to handle the mapping requirements for all City utilities. Mapping information is updated on an ongoing basis. They digitize the MS4 system into ArcGIS utilizing paper and digital record drawings. A Global Positioning System (GPS) is also used in the field to verify the accuracy of the digitization and to map areas that do not have a record drawing. In 2007, GIS staff began mapping all public and private systems that are authorized and/or connected to the MS4.

The City's GIS system includes but is not limited to the following information:

- Known MS4 outfalls and known discharge points
- Receiving waters, other than ground water
- Stormwater treatment and flow control BMPs/facilities owned or operated by the City
- Areas served by the MS4 that do not discharge stormwater to surface waters
- Stormwater pipe (type, material, and size where known)
- Associated drainage areas
- Land use
- Connections between the MS4 owned or operated by the City and other municipalities or public entities
- All connections to the MS4 authorized or allowed by the City after February 16, 2007

S5.C.4.c: The required format for mapping is electronic (e.g. Geographic Information Systems, CAD drawings, or other software that can map and store points, lines, polygons, and associated attributes), with fully described mapping standards.

Mapping of the MS4 is done using Geographic Information System (GIS) software called ArcGIS. All mapping data is retained digitally. The City has created a mapping standard operating procedure to describe the process used to record data.

S5.C.4.d: To the extent consistent with national security laws and directives, each permittee shall make available to ecology, upon request, available maps depicting the information required in S5.C.4.a through c above.

S5.C.4.e: Upon request, and to the extent appropriate, permittees shall provide mapping information to federally recognized Indian Tribes, municipalities, and other permittees. This permit does not preclude permittees from recovering reasonable costs associated with fulfilling mapping information requests by federally recognized Indian Tribes, municipalities, and other permittees.

The City's GIS information is available online at <http://www.marysvillewa.gov/295/GISMaps>. This website has links to data, pdf maps, and interactive online maps. The information is available to the public and Ecology at all times.

S5.C.5 Illicit Discharge Detection and Elimination

S5.C.5.a: The program shall include procedures for reporting and correcting or removing illicit connections, spills, and other illicit discharges when they are suspected or identified. The program shall also include procedures for addressing pollutants entering the MS4 from an interconnected, adjoining MS4.

The City Illicit Discharge Detection and Elimination (IDDE) program includes procedures for reporting and removing illicit connections, spills, and other illicit discharges when they are suspected or identified. The program includes procedures for addressing pollutants entering or leaving the MS4 from an interconnected, adjoining MS4. Illicit connections and illicit discharges are identified through:

- Field screening,
- Construction inspections,
- Maintenance inspections, and/or
- Monitoring information
- Spill Hotline

S5.C.5.b: Permittees shall inform public employees, businesses, and the public of hazards associated with illicit discharges and improper disposal of waste.

The City uses internal meetings, newsletters, and trainings to inform employees about the Illicit Discharge Detection and Elimination (IDDE) program. General outreach programs have been developed to inform businesses and the general public of the hazards associated with illicit discharges and improper waste disposal. These programs were described in the Public Education and Outreach section.

S5.C.5.c: Each permittee shall implement an ordinance or other regulatory mechanism to effectively prohibit non-stormwater, illicit discharges into the permittees MS4 to the maximum extent allowable under state and federal law.

S5.C.5.c.iv: The ordinance or other regulatory mechanism shall include escalating enforcement procedures and actions.

Marysville Municipal Code (MMC) Chapter 14.21- Illicit Discharge Detection and Elimination (IDDE) and other related sections in MMC are used to prohibit non-stormwater illicit discharges into the MS4. This Chapter is enforced by the Surface Water Division and the Code Enforcement Officers. The IDDE chapter includes a list of acceptable discharges, conditionally acceptable discharges, and prohibited discharges.

S5.C.5.d: Each permittees shall implement an ongoing program designed to detect and identify non-stormwater discharges and illicit connections into the permittees MS4.

The City will continue to implement an ongoing program designed to detect and identify non-stormwater discharges and illicit connections into the City’s MS4 using the methods described below.

To detect and identify non-stormwater discharges and illicit connections to the MS4, the City has been using the methods described in the Illicit Connection and Illicit Discharge Filed Screening and Source Tracing Guidance Manual (IDDE Manual) prepared for the Washington State Department of Ecology by Herrera Environmental Consultants in 2013 and revised in May 2020.

The primary IDDE screening method includes investigation during regularly scheduled inspections and daily work activities. The City must conduct field screening of at least 12% of the system annually. To meet this requirement, Surface Water staff had to determine a reasonable method for quantifying the percentage of MS4 screened. After reviewing the definition of an MS4 in the Permit, public street miles were chosen as a proxy measure to represent the MS4.

The City catch basin inspections serve as the primary IDDE screening method. Catch basins are inspected on a grid basis, and the entire City is completed every four years. The Sewer/Storm Maintenance Division conducts catch basin inspections and cleaning. Each year, the lane feet with inspected catch basins are divided by the total lane feet in the City. This yields a percentage of MS4 field screened. Stormwater treatment and flow control BMPs/facilities are also screened during the regular annual inspections. However, including the lane miles of road draining to facilities would introduce areas being counted twice, once for the catch basin screening and again for the facility inspection. Therefore, the screening conducted at facilities is not accounted for in the percentage of MS4 screened, and the percentage screened is underestimated.

During IDDE training for city employees, Surface Water staff members emphasize awareness of IDDE during daily activities. This ensures that the remaining areas of the City are observed for potential discharges by all city staff. Staff members often find incidents of illicit discharges during their daily work activities.

Table 2. Percent Ms4 Screening Quantification

| Year | Lineal Ft of St inspected | % Screened for Year (Lineal Ft of St w/cb’s inspected / Total Lineal Ft in City) | Total % MS4 Screened for Permit Term |
|-------------|---------------------------|---|--------------------------------------|
| 2019 | 225,074 | 23% | 7% |
| 2020 | 291,659 | 26% | 33% |
| 2021 | 254,249 | 23% | 56% |
| 2022 | 359,179 | 32% | 72% |
| 2023 | 251,554 | 22% | 84% |
| 2024 | 283,840 | 24% | 100% |
| 2025 | | At Least 20% | |

The City plans to maintain the spill reporting hotline in 2025. The hotline number connects to the City reception voicemail. If the caller dials 0, they are transferred to the receptionist. Illicit discharge calls can then be directed to a Surface Water staff member available at the time of the call. After hours, the on-call Public Works staff responds. The hotline is listed in the blue pages under “spill reporting.” The number has also been advertised on brochures, coloring books, and magnets. The City keeps records of all calls received and follow-up actions taken.

The city has implemented See-Click-Fix as the primary method for residents to contact the city about maintenance issues. Within the app and webpage there is a link to report a spill, pollution, or drainage issue.

The City also maintains “Report a Spill or Water Pollution” and “Code Enforcement: IDDE” web pages. A resident can click the main “I WANT TO...” drop-down menu from the City home page. Under the reporting section, click “Spill or Water Pollution,” and a form automatically opens. Once the form is filled out, the request is sent to the Surface Water Division, which dispatches the appropriate staff member.

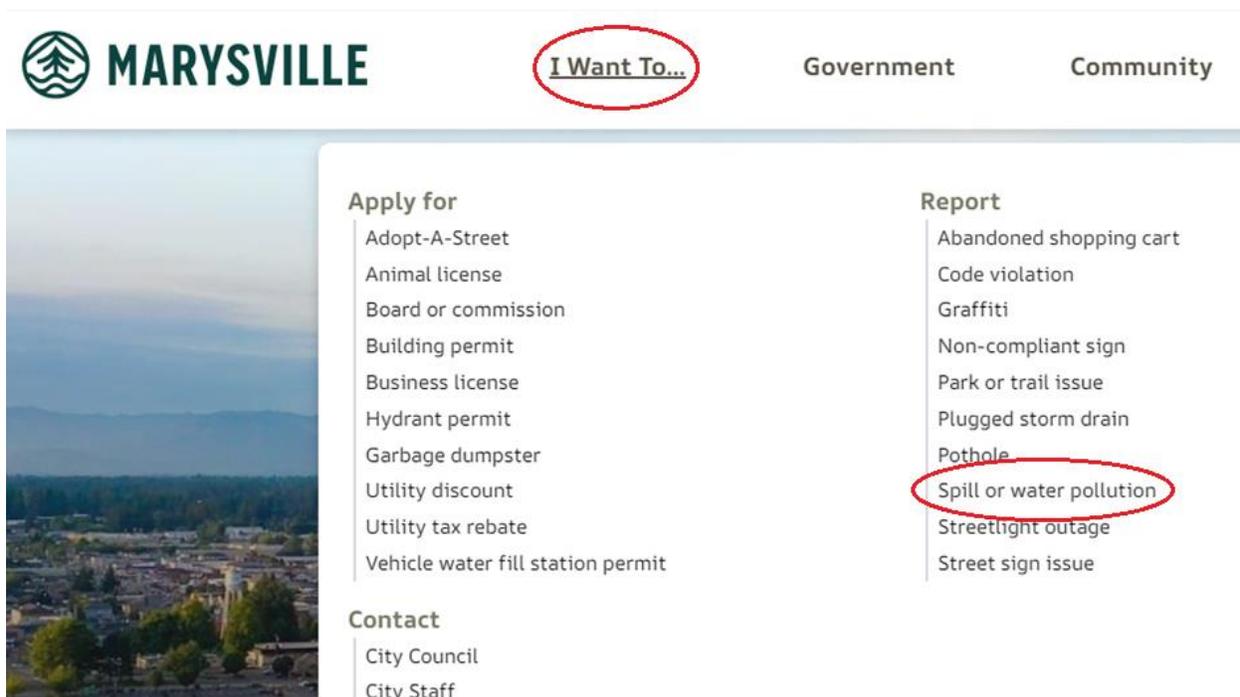


Figure 3. City Discharge Reporting Link

In 2025, Surface Water staff plans to conduct training for municipal field staff who might come into contact with or otherwise observe an illicit discharge and/or illicit connection to the MS4 as part of their regular job responsibilities. Follow-up training and updates to the training will be provided as needed to address changes in procedures, techniques, requirements, or staffing. A record of the training content and the staff members trained will be kept for each training event.

S5.C.5.e: Each permittee shall implement an ongoing program designed to address illicit discharges, including spills and illicit connections, into the permittees MS4.

Public Works will implement an ongoing program designed to address illicit discharges, including spills and illicit connections, into the City's MS4.

The City has a written procedure for characterizing the nature of and potential public or environmental threat posed by an illicit discharge. The procedures follow the guidance in the IDDE Manual.

The City has a written procedure for tracing the source of an illicit discharge. The procedures follow the guidance in the IDDE Manual. The procedures include visual inspections, opening manholes, using mobile cameras, and collecting and analyzing water samples.

The City has written procedures for eliminating illicit discharges. The procedures follow the guidance in the IDDE Manual. Measures include notifying appropriate authorities and the property owner, providing technical assistance for eliminating the discharge, follow-up inspections, escalating enforcement, and legal actions if the discharge is not eliminated. If an illicit connection is found, the enforcement actions specified in MMC 14.21 will be used to eliminate the illicit connection within six months.

The City follows the established procedures to respond, investigate, refer and resolve illicit discharges. All illicit discharges, including spills, which may constitute a threat to human health, welfare, or the environment, are investigated immediately. All other investigations, or referring of investigations, will occur within 7 days of receiving a complaint, report or monitoring information indicating an illicit discharge. All field investigations will occur within 21 days of any report or discovery of a suspected illicit connection to determine the source of the connection, the nature and volume of discharge through the connection, and the party responsible for the connection. Upon confirmation of an illicit connection, the compliance strategy will be used in a documented effort to eliminate the illicit connection within 6 months.

S5.C.5.f: permittees shall train staff who are responsible for identification, investigation, termination, cleanup, and reporting of illicit discharges, including spills, and illicit connections, to conduct these activities. Follow up training shall be provided as needed to address changes in procedures, techniques, requirements, or staffing. Permittees shall document and maintain records of the training provided and the staff trained.

All staff responsible for identifying, investigating, terminating, cleaning, and reporting illicit discharges, including spills and illicit connections, have received training based on the IDDE Manual. The response staff includes the Surface Water, Sewer/Storm Maintenance, or Streets divisions. IDDE training will continue to be implemented by the Surface Water staff members. Training developed by others will also be attended, including training external, professional training opportunities. The Public Works Administrative Secretary tracks training attended by any Public Works staff member in a digital database.

S5.C.5.g: Recordkeeping: each permittee shall track and maintain records of the activities conducted to meet the requirements of this section. In the annual report, each permittee shall submit data for the illicit discharges, spills, and illicit connections including those that were found by, reported to, or investigated by the permittee during the previous calendar year. The data shall include the information and format specified in appendix 13 and WQWedIDDE. Each permittee may either use their own system or WEWebIDDE for recording this data.

The city uses web-based management software to manage customer calls, inspections, and follow-up work orders associated with the illicit discharge program. Surface Water staff track and maintain records for most activities conducted to meet the requirements of this section. Other divisions create some records during the initial reporting or clean-up activities. The data is exported from the software and formatted as a spreadsheet for the annual report. The final submission of IDDE data follows the instructions, timelines, and format described in Appendix 12 of the permit.

S5.C.6 Controlling Runoff from New Development, Redevelopment, and Construction

S5.C.6.a: Implement an ordinance or other enforceable mechanism that addresses runoff from new development, redevelopment, and construction site projects.

The Surface Water Division, Engineering, and Community Development Department will implement the stormwater design requirements found in the 2019 Stormwater Manual. The 2019 edition was adopted with Ordinance 3218 and became effective on July 1, 2022. The Stormwater Manual vesting timeframes are now included in Marysville Municipal Code (MMC) 14.15.015 Stormwater management manual adopted.

S5.C.6.c: The program shall include a permitting process with site plan review, inspection, and enforcement capability to meet the standards listed in (i) through (iv) for both private and public projects, using qualified personnel. At a minimum, this program shall be applied to all sites that meet the minimum thresholds adopted pursuant to S5.C.6.b.i.

The Surface Water Division, Engineering, and Community Development Department will continue implementing a permitting process that includes the requirements, limitations, and criteria in the Stormwater Manual. Marysville Municipal Code (MMC) Title 14 requires using the thresholds and definitions in Appendix 1 and provides the legal authority to inspect and enforce maintenance standards for private stormwater facilities.

All development plans received are first reviewed by Planning for general requirements. Then, plans are sent to Development Services to be reviewed for technical requirements specified in Appendix 1 and the Stormwater Manual. Concurrent with each review cycle, the Surface Water Division routes the plans for additional review and comment. Information regarding development plans is entered into a database.

The inspection program is implemented for private and public projects and is completed by the Surface Water Inspector and Construction Inspectors. The Surface Water Division meets with the Development Services Manager and Construction Inspectors semi-monthly to discuss ongoing construction projects. The Surface Water Inspector conducts inspections based on Appendix 7, Determining Construction Site Sediment Damage Potential. The City has chosen to inspect all construction sites based on the criteria in Appendix 7. The Surface Water Inspector inspects active construction projects weekly and plats with active home-building sites every six months. The Surface Water and Construction Inspectors verify that sediment controls are installed and functioning correctly throughout the construction project. Inspectors enforce as necessary based on the inspection.

Enforcement actions include escalating procedures, including informal verbal communication onsite during work activities, formal letters, and stop work orders. These procedures are implemented per MMC Title 4 and Title 22. Construction and Building Inspectors within Community Development complete project checklists when development is completed. They verify the proper installation of permanent stormwater facilities.

S5.C.6.d: The program shall make available to representatives or proposed new development and redevelopment, as applicable: the link to the online Construction Stormwater General Permit Notice of Intent (NOI) form for construction activity, a link to the online Industrial Stormwater General Permit NOI form for industrial activity, and a link to the online registration requirements for Underground Injection Control (UIC) wells. Permittees shall continue to enforce local ordinances controlling runoff from sites that are also covered by stormwater permits issues by Ecology.

Links to the Notice of Intent for Construction Activity and Notice of Intent (NOI) for Industrial Activity are available on the City web site.

S5.C.6.e: Each permittee shall ensure that 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, are trained to conduct these activities. Follow-up training shall be provided as needed to address changes in procedures, techniques, or staffing. Permittees shall document and maintain records of the training provided and the staff trained.

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, are trained to conduct these activities. Follow-up training will be provided, as needed, to address changes in procedures, techniques, or staffing. The Public Works Administrative Assistant tracks the expiration dates of the relevant certifications. Participants are notified when their certification expires, and follow-up courses are scheduled accordingly.

S5.C.7 Stormwater Management for Existing Development

S5.C.7.a: Permittees shall implement stormwater facility retrofits or tailored SWMP actions that meet the criteria described in appendix 12, using on or a combination of the following: strategic stormwater investments identified in SMAP or similar process, and/or opportunistic stormwater investments identified by leveraging projects outside of SMAP areas to improve stormwater management and infrastructure.

The city has outlined priorities for stormwater retrofits in the 2023 SMAP. The city is currently evaluating these priorities, alongside other opportunities that meet the criteria in appendix 12. In 2025, the city plans to create a list of priorities and begin the planning process for implementation, per the timeline of the permit.

S5.C.7.b: With each annual report each permittee shall provide a list of planned individual projects scheduled for funding or implementation during this permit term for the purposes of meeting the assigned equivalent acreage in appendix 12. This list shall include, at a minimum the information and use the formatting specified in appendix 12.

The list of projects and activities, including timeline, will be submitted with the annual report.

S5.C.8 Source Control Program form Existing Development

S5.C.8.a: Permittees shall enforce ordinances or other enforceable documents, requiring the application of source control BMPs for pollutant generating sources with existing land uses and activities.

The city has implemented a source control program that applies BMPs and treatment facilities, inspects pollutant-generating sites, and applies local ordinances. The city will continue to expand this program in 2025.

S5.C.8.b: Permittees shall implement a program to identify publicly and privately owned institutional, commercial, and industrial sites which have the potential to generate pollutants to the MS4. Permittees shall update the inventory at least once every 5 years.

The City adopted ordinance 3222 requiring the application of source control BMPs for pollutant-generating sources associated with existing land uses and activities. The ordinance requires source control BMPs from the Stormwater Manual. In cases where the Stormwater Manual lacks guidance for a specific source of pollutants, the City will work with the owner/operator to implement or adapt BMPs based on the best professional judgment.

In 2022, the City established a business inventory identifying publicly and privately owned institutional, commercial, and industrial sites that have the potential to generate pollutants to the MS4. The inventory includes businesses and/or sites identified based on the presence of pollutant-generating activities. Based on complaint responses, additional businesses and/or sites will be added to the inventory. In 2023, staff worked to verify the

entries on the list. The list will be continually refined and revised as necessary to represent the presence of pollutant-generating activities. The City hosts a GIS-based map and shows the sites identified for inspection.

S5.C.8.c: Permittees shall implement an inspection program, performed by qualified personnel, for sites identified pursuant to S5.C.8.a.i above.

In 2023, the City created a new position, a second Surface Water Inspector, and began conducting inspections. The City was awarded a water quality assistance grant from the Department of Ecology to partially fund this new position's first 2.5 years of salary. The city anticipates this position will become permanent and fulltime after the grant expires.

The City has created outreach materials for all sites with a business address. The information will describe activities that may generate pollutants and source control requirements. Annually, the City will conduct a number of inspections equal to 20% of the sites listed in the source control inventory. Follow-up inspections and denial of entry will be included in the inspection count. All sites identified through complaints will be inspected.

S5.C.8.d: Permittees shall implement a progressive enforcement policy that requires sites to comply with stormwater requirements within a reasonable time period, as specified below.

The City adopted ordinance 3222, establishing a progressive enforcement policy requiring sites to comply with stormwater requirements within a reasonable time period as specified in the Permit. The City will use education and technical assistance to help businesses reach compliance with source control measures. If these measures fail, then enforcement actions will be taken. Records of inspection reports and letters will be maintained in the City's asset management software.

S5.C.8.e: Permittees shall train staff who are responsible for implementing the source control program to conduct these activities. The ongoing training program shall cover the legal authority of for source control, source control BMPs and their proper application, inspection protocols, lessons learned, typical cases, and enforcement procedures. Follow-up training shall be provided as needed to address changes in procedures, techniques, requirements, or staff. Permittees shall document and maintain records of the training provided and the staff trained.

The City will train staff who are responsible for implementing the source control program. The City will document and maintain records of the training provided and the staff trained using the database maintained by the Public Works Administrative Services group.

S5.C.9 Operations and Maintenance

S5.C.9.a: Each permittee shall implement standards that are as protective, or more protective, of facility function than those specified in the SWMMWW or a phase I program approved by ecology. For facilities which do not have maintenance standards, the permittee shall develop a maintenance standard.

The City has implemented the maintenance standards in the 2019 Stormwater Manual. If the Stormwater Manual does not have a maintenance standard that applies to a stormwater facility, then the City will use the manual developed by the manufacturer of the facility. In all cases, the applicant shall provide the proposed maintenance program to the City for approval before construction of the facility occurs.

Unless there are circumstances beyond the City's control, when an inspection identifies maintenance requirements, then the maintenance is performed:

- 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.

S5.C.9.b: Maintenance of stormwater treatment and flow control BMPs/facilities regulated by the permittee.

The Surface Water Division and Community Development Department require measures to ensure adequate long-term operation and maintenance (O&M) of stormwater treatment and flow control BMPs/facilities. Residential projects record the long-term maintenance obligations as a plat document. A Stormwater Covenant and Easement has been developed to be recorded against the title of newly developed or redeveloped parcels with private stormwater facilities in commercial developments. The Stormwater Covenant and Easement was created to supplement the requirements in MMC, Title 14.

The City uses the maintenance standards in the Stormwater Manual when conducting annual inspections of publicly or privately owned stormwater treatment and flow control BMPs/facilities.

Inspection records are stored digitally in project tracking software during the construction phases and in asset management software after construction is completed. When inspections identify an exceedance of the maintenance standard, a work order is created and assigned to the Surface Water Inspector. The Surface Water Inspector is responsible for coordinating with the private facility owner to complete the maintenance within the appropriate timeframes. Records for inspection, maintenance, and enforcement actions are maintained.

S5.C.9.c: Maintenance of stormwater facilities owned or operated by the permittee.

Annual inspections of all municipally owned or operated permanent stormwater treatment and flow control BMPs/facilities are completed by the Sewer/Storm Maintenance Division or Surface Water staff, and maintenance needs are recorded. The inspections are tracked digitally using devices in the field.

When an inspection identifies an exceedance of the maintenance standard, maintenance shall be performed per the timeframes in the Permit section S5.C.7.a. For small maintenance tasks, the staff member completing the inspection will correct the problem at the time of inspection and note that correction in the inspection log. A work order will be created and assigned to the responsible staff member(s) for more extensive maintenance needs.

A route with facilities throughout the City has been created for spot checks. The facilities are representative of the storm system and characterize the conditions of other facilities around them. When there is a significant storm event, Surface Water staff conducts informal inspections of the facility route. Inspection forms are digitally recorded as needed. If damage is found, then all stormwater facilities that may be affected will be inspected. If no damage is found, inspection of the spot checks will not be recorded. Repairs will be conducted based on the results of inspections. This spot-check route is updated periodically by the Surface Water Division with input from the crew and through a review of drainage records.

The Permit requires all municipally owned and operated catch basins to be inspected every two years. However, Permittees can alter the catch basin inspection frequency as appropriate based on maintenance records of double the time of the new proposed inspection frequency.

In August 2017, ten years of inspection data was analyzed. Based on the results of that analysis, the City adopted a four-year cycle inspection cycle. The grids were modified and divided into eight smaller grids. This allows Surface Water Staff and the Sewer/Storm Maintenance Division smaller areas to track and provides a specific schedule to complete each grid. Grid 8 will be completed in June of 2025, and the four-year inspection cycle will conclude again.

The City cleans a “High Traffic” inspection/cleaning route each year. Based on the data analysis, the high-traffic routes have been expanded. This will ensure that areas with consistently higher sediment accumulation are inspected and cleaned more frequently than other areas. The high-traffic routes are treated as an additional route to be cleaned in the spring when sand is applied in the winter.

The decant water from cleaning catch basins is disposed of per Appendix 6 Street Waste Disposal and the Health Department Solid Waste Facility Operations Plan provisions. The City operates a decant facility at the Public Works shop area. Decant water from this location drains to the sanitary sewer. The remaining solid materials are managed onsite and then reused or disposed of via landfill. These procedures have been developed in accordance with the Health Department Permit (Permit #SW449).

The inspection and maintenance program is designed to inspect all sites and to achieve at least a 95% inspection rate. The city has established a method for recording each maintenance activity described above.

S5.C.9.d: Implement practices, policies, and procedures to reduce stormwater impacts associated with runoff from all lands owned or maintained by the permittee, and road maintenance activities under the functional control of the permittee.

The policies and practices to reduce stormwater impacts associated with runoff from all lands owned or maintained by the City are consistent with the Stormwater Manual. The City has produced a reference book titled “Operations and Maintenance: Stormwater Best Management Practices 2022” to organize the BMPs that apply to each activity and the crew completing that activity. The City will continue to implement these policies and practices.

The City has expanded its street sweeping program, partly thanks to a 2019 grant from the Department of Ecology. Sediment on streets and roads may contain a variety of pollutants, including oil, grease, fuel, antifreeze, brake and transmission fluids, brake pad dust, plastics, fertilizer, pesticides, and fecal coliform bacteria from pet and animal waste.

The grant concluded in 2023, but the City continues the expanded street sweeping program. The City estimates that the increase in sweeping will remove an additional 33-55% more sediment than the program was previously and reduce the volume of material entering surface waters by an estimated 763 cubic yards per year. The City continually assesses the street sweeping program for opportunities to expand or improve.

S5.C.9.e: Implement a stormwater pollution prevention plan for all heavy equipment maintenance or storage yards and material storage facilities owned or operated by the permittee in areas subject to this permit that are not required to have coverage under the Industrial Stormwater General Permit or another NPDES permit that authorizes stormwater discharges associated with the activity.

Surface Water staff developed an ongoing training program for employees whose construction, operations, or maintenance job functions may impact stormwater quality. Various training methods are used. Surface Water Staff usually present information about BMPs to the field crews annually. All Public Works crews have been given the City’s previously mentioned BMP manual as a guide in the field. Surface Water staff also check for other training opportunities for external training.

The City maintains an internal website. Applicable training materials are posted on a Surface Water page. This approach ensures that all employees have access to the materials, even if they were absent on the training day. Follow-up training is provided to address changes in procedures, techniques, or requirements.

S5.C.9.f: implement a stormwater pollution prevention plan (SWPPP) for all heavy equipment maintenance or storage yards and material storage facilities owned or operated by the permittee in areas subject to this permit that are not required to have coverage under the industrial stormwater general permit or another NPDES permit that authorizes stormwater discharges associated with the activity.

Surface Water staff has developed a Storm Water Pollution Prevention Plan (SWPPP) for all City-owned heavy equipment, maintenance and storage yards, and materials storage facilities. This document was created collaboratively between many departments in the City. The City completed the construction of a new Civic Campus at the end of 2022. Staff and equipment have been moved to new locations, and the SWPPP has been updated accordingly.

The Department managers or supervisors are responsible for implementing BMPs applicable to their work groups. The SWPPP includes detailed descriptions of the operational and structural BMPs at each City facility. Annual inspections of the facilities and observation of discharges from the facilities are conducted to evaluate the effectiveness of the BMPs. The SWPPP includes an inventory of the on-site materials and equipment, as well as any activities that could result in stormwater pollution if BMPs are not in place. The SWPPP has a site map showing the stormwater system, outlets, and areas of potential pollutant exposure. Each site map shows the location of spill kits, and the corresponding text has a plan for preventing and responding to spills.

S5.C.9.g: Implement ongoing training program for employees of the permittee whose primary construction, operations, or maintenance job functions may impact stormwater quality. The training program shall address the importance of protecting water quality, operation and maintenance standards, inspection procedures, relevant SWPPPS, selecting appropriate BMPs, street sweeper operation, ways to perform their job activities to prevent or minimize impacts to water quality, and procedures for reporting water quality concerns. Follow up training shall be provided as needed address changes in procedures, techniques, requirements, or staffing. Permittees shall document and maintain records of training provided. The staff training records to be kept include dates, activities or course descriptions, and names and positions of staff in attendance.

The City will train staff who are responsible for implementing operations and maintenance. The City will document and maintain records of the training provided and the staff trained using the database maintained by the Public Works Administrative Services group.

S5.C.9.h: Maintain records of the activities conducted to meet the requirements of this section.

The City will maintain records of inspections and maintenance activities conducted as a permit requirement. Public Works uses the previously mentioned software to track many of the requirements from this section.

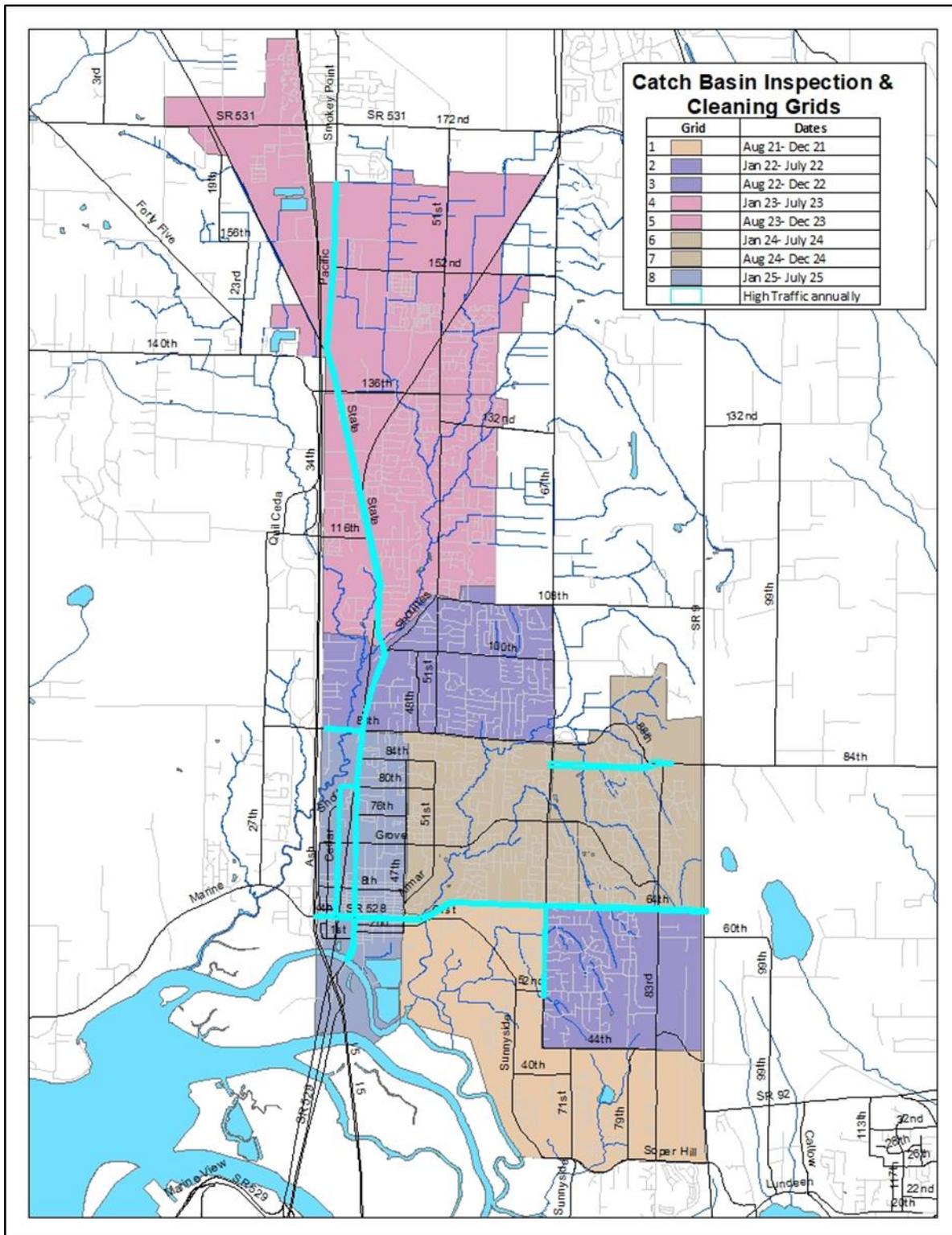


Figure 4. Catch Basin Cleaning Grids

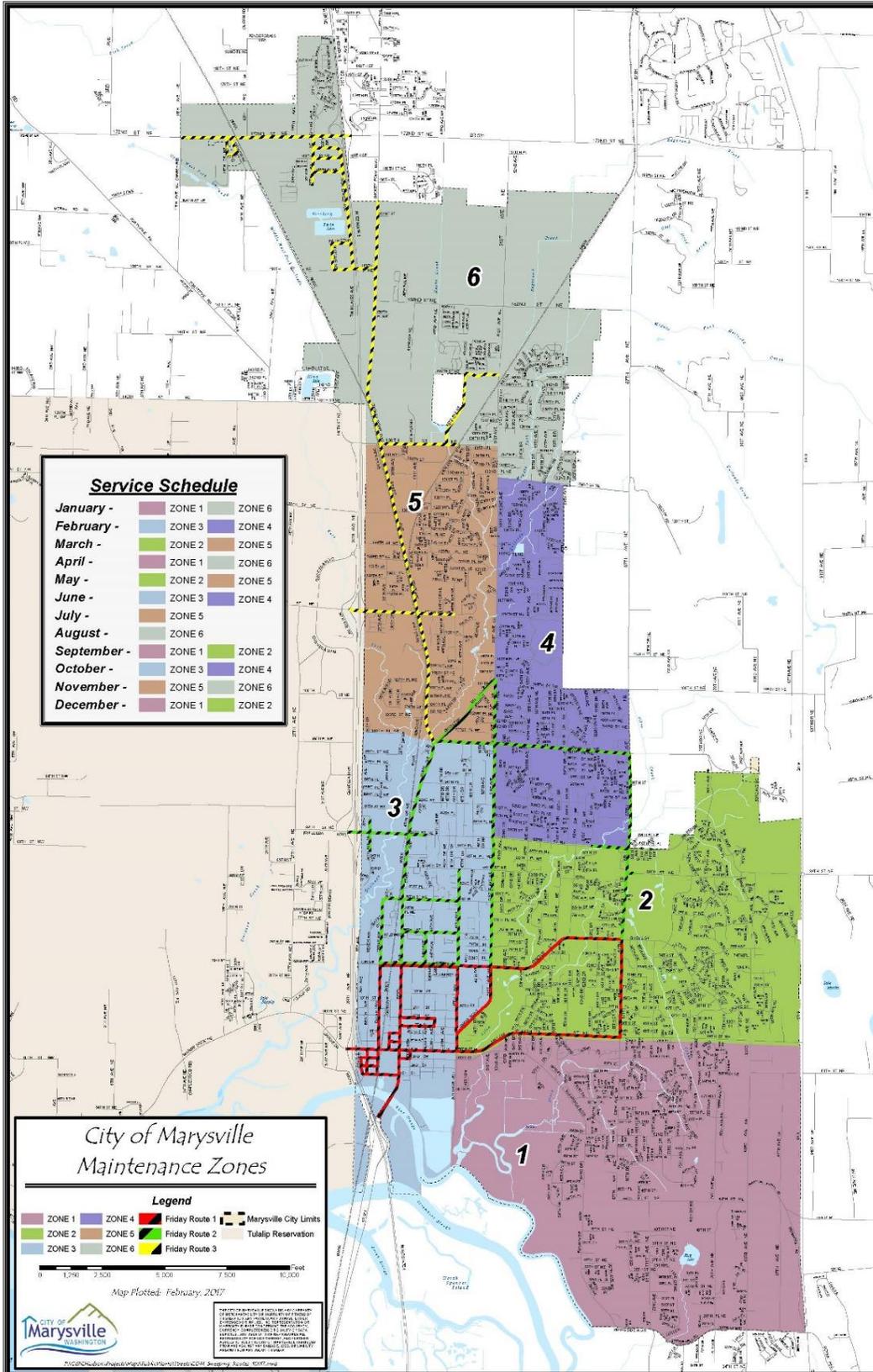


Figure 5. Street Sweeping Grids

TMDL

Business Inspection: Each Permittee shall continue their ongoing inspection programs for facilities with SIC Industry Group no. 074, 075, including NAICS Major Group 1152xx, and NAICS 325315 (composting facilities). If the Permittee determines, through inspections or otherwise, that a facility has failed to adequately implement BMPs to prevent bacteria source potential, each Permittee shall re-inspect the facility at least once more during the permit term to verify compliance, and/or initiate enforcement actions.

Inspections at commercial animal handling areas and composting facilities within the City were completed in 2024. None of the facilities had bacteria source control problems. The city will inspect facilities in 2025, including any new facilities added to the inventory.

Public Education and Outreach: Each Permittee shall include public education and outreach activities that increase awareness of bacterial pollution problems and promote proper pet waste management as a BMP under General Awareness.

The surface water division will continue to conduct outreach on pet waste at city events. This will include information on the dangers of pet waste, how to dispose of pet waste properly, and materials with additional information on the connection between pet waste and fecal coliform bacteria.

Operations and Maintenance: Each Permittee shall maintain Pet Waste collection stations at Permittee owned or operated lands that are reasonably expected to have domestic animal (dog and horse) use and the potential for pollution to stormwater.

The surface water division will continue to partner with the parks department to provide bags and technical assistance for pet waste stations at all city parks.

Targeted Illicit Connection and Illicit Discharge Detection and Elimination: During each permit term, Permittees shall use their available data (such as land use data, age of infrastructure, information on type of business activities, and water quality sampling results) to identify at least one high priority area (such as a tributary or a stream segment) that will be the target of a bacteria focused IC/IDDE effort. Sampling of stormwater shall be conducted as part of the Permittee's Targeted IC/IDDE efforts to focus investigations on municipal stormwater contributions of bacteria to receiving waters. For the purposes of Targeted IC/IDDE, stormwater quality sampling is defined as obtaining grab samples of stormwater within the conveyance system of the MS4, and/or outfalls. Permittees shall annually screen for bacteria sources by inspecting and taking grab samples (if there is flow) at each drainage circuit's most downstream accessible sampling location. Permittees shall follow their adopted IDDE Procedures to conduct source tracing efforts if bacteria levels

and/or observations trigger a response (see IDDE guidance manual for bacteria trigger levels).

No later than December 31, 2025, each Permittee shall have a written plan and include documentation of how the high priority area was selected and include a preliminary sampling schedule and locations. For Permittees with multiple TMDL areas, the plan may include rationale for staggering the implementation in the identified high priority areas.

In 2025, the city will create a plan for TMDL monitoring in a high priority basin. The plan will include a preliminary schedule for sampling within the basin, and a map of potential sampling locations.

S8 Monitoring and Assessments

S8.A.a: Make annual payments into a Stormwater Action Monitoring (SAM) collective fund to implement regional receiving water status and trends monitoring of either: small streams and marine nearshore in Puget Sound, or urban streams in Clark and Cowlitz Counties in the Lower Columbia River basin, depending on the Permittee's location.

The City has chosen Regional Status and Trends Monitoring Option "a" to meet this requirement. Option "a" requires the City to pay annually into a collective fund for small stream and marine nearshore status and trends monitoring in the Puget Sound area.

S8.B.a: Make annual payments into a collective fund to implement effectiveness and source identification studies.

The City has chosen Effectiveness Studies and Source Identification Studies Option "a" to meet this requirement. The City will pay annually into a collective fund to implement these studies. The City will provide information when requested for the Effectiveness and Source Identification Studies. The scope of the requests is limited to records of SWMP activities and associated data tracked and/or maintained in accordance with the Permit. There is a maximum of three requests during the permit term. The City will respond within 90 days to provide the requested information.

S9 Reporting Requirements

S9.A.1: No later than March 31 of each year beginning in 2025, each Permittee shall submit an Annual Report. The reporting period for the first Annual Report will be from January 1, 2024, through December 31, 2024. The reporting period for all subsequent Annual Reports will be the previous calendar year unless otherwise specified.

The city will submit a report of its activities to the dept. of ecology, annually.

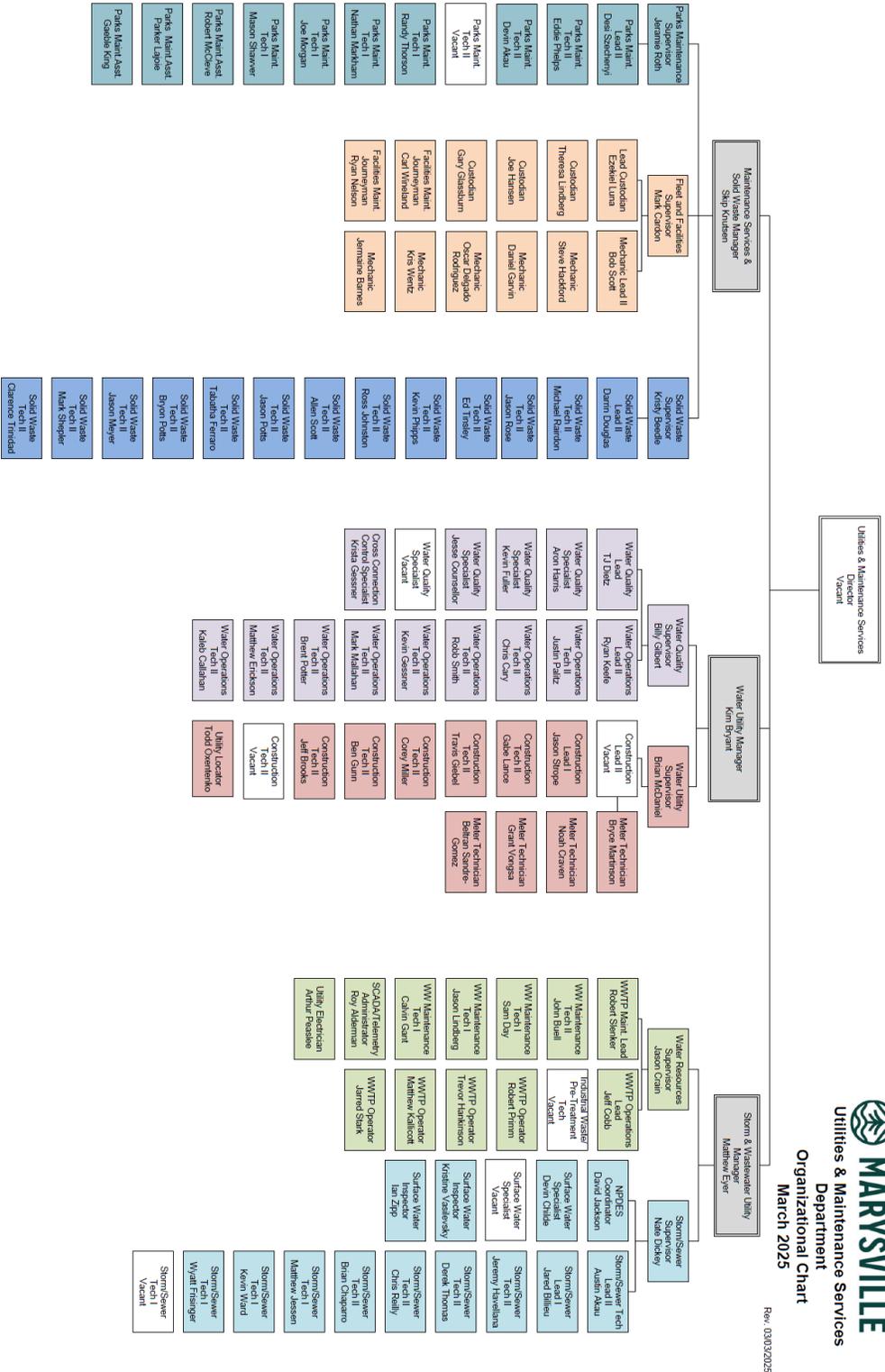
S9.B: Each Permittee is required to keep all records related to this Permit and the SWMP for at least five years after the expiration date of this Permit.

The city will retain all records of its activities for at least five years past the permit expiration date.

S9.C: Each Permittee shall make all records related to this Permit and the Permittee's SWMP available to the public at reasonable times during business hours. The Permittee will provide a copy of the most recent annual report to any individual or entity, upon request.

To ensure information is tracked throughout the year, the Surface Water staff members complete memos to document actions that are not easily tracked in a database. Memos are also created when database information is checked throughout the year to ensure all requirements are met within the scheduled timeframe. When the annual report is compiled, the information in these memos supplements the information that can be pulled from our management software or other databases. Some of these memos become the attachments required for specific program elements.

Appendix 1: Organization Charts



Rev. 03/03/2025



Appendix 2: 2025 Schedule

| Parent Section | Sub-Section | Parent Item | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | |
|---|-------------|---|------|------|----------|-----|-----|-----|-----|-----|-----|-----|-----|----------|----------|
| C1: Summer Planning | A.3 | Document coordination mechanisms among departments, submit to annual report | Work | Work | Deadline | | | | | | | | | Deadline | |
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| C2: Public Education and Outreach | A.1 | Build general awareness by annually selecting a target audience and subject from list | Work | Work | Deadline | | | | | | | | | Deadline | |
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| C3: Public Participation | A.1 | Provide outreach opportunities | Work | Work | Deadline | | | | | | | | | Deadline | |
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| C4: MS4 Mapping and Documentation | A.1 | New mapping requirement for collecting attributes, mapping connections | Work | Work | Deadline | | | | | | | | | Deadline | |
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| C5: illicit Discharge and Elimination | A.1 | Implement the DDE ordinance | Work | Work | Deadline | | | | | | | | | Deadline | |
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| C6: Controlling Runoff from New Development, Redevelopment and Construction Sites | A.1 | Adopt ordinance to require source control BMPs | Work | Work | Deadline | | | | | | | | | Deadline | |
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| C7: Stormwater Management for Existing Development | A.1 | Provide a list of planned projects with the annual report | Work | Work | Deadline | | | | | | | | | Deadline | |
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| C8: Source Control Program for Existing Development | A.1 | Implement a permit program for all new developments | Work | Work | Deadline | | | | | | | | | Deadline | |
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| C9: Operations and Maintenance | A.1 | Inspect all complaints | Work | Work | Deadline | | | | | | | | | Deadline | |
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| S1: Appendix 1, TMDL Requirements | A.1 | Include a summary of TMDL activities in the annual report | Work | Work | Deadline | | | | | | | | | Deadline | |
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2024 Public Education and Outreach Summary

March 2025

Events

Target Audience: General public

Subject Area: Bacterial (TMDL) and 6PPD-Q Pollution Sources

Poochella occurred on June 7, 2024 at the Asbery Field. This public event is a dog-themed fair hosted by the Marysville Parks, Culture, and Recreation Department. Vendors including veterinarian clinics, K-9 police units, and toy/food suppliers. The City of Marysville Surface Water Management booth distributed informational brochures and dog waste bag dispensers. The dispensers are in the shape of a dog with the City of Marysville logo and informational text printed on the back. The text reads “Picking up pet waste keeps our streams clean! Free bag refills are available at the Public Works Department”. Attendees were given the dispensers as a prize for participating in the Poop Scoop Game. In the game, players race to scoop up fake pet “poops”, bag, and throw in the trash. The game encourages proper pet waste disposal methods and teaches participants about bacterial risks to local waterways.



Touch-A-Truck occurred on September 14th, 2024, at Asbery Field. The event hosted several groups, and their vehicles, from public works, and other city agencies. The City of Marysville Surface Water Management booth distributed informational brochures and tire gauges to remind residents to check their tire pressure. The tire gauges include the city logo and a reminder to check tire pressure monthly. At both events the city distributed magnets with the city’s spill report hotline and a reminder to report spills they might see out in the city.

Mutt Mitt Stations

Target Audience: General public

Subject Area: TMDL bacterial pollution sources

Numerous pet waste stations have been installed in City Parks. The stations, and the information associated with them, educate the general public on the health and environmental risks associated with pet waste. In 2024, the City purchased 90,000 pet waste bags.

School District Education

Target Audience: General public/school age children

Subject Area: General impacts of stormwater on surface waters

The City gives the Marysville School District a reduction in their surface water fees based on the development and implementation of an environmental education program. The 5th grade field trip continued in 2024. Five elementary schools had fieldtrips in October. Teachers also conducted a lesson in class to support the field trip activities.

Facility Inspections

Target Audience: General public

Subject Area: General impacts of stormwater on surface waters, Stormwater treatment and flow control BMPs/facilities

The Surface Water inspector completed 286 inspections at private facilities older than 2011 in response to a customer inquiries or potential impacts to the MS4. The City provided information about the applicable maintenance standards and attempted to coordinate the neighborhood residents to accomplish the maintenance. This process can be impeded by dissolved HOAs or residents being uncertain about maintenance responsibilities.

Rain Garden Outreach

Target Audience: General public

Subject Area: General impacts of stormwater on surface waters, Stormwater treatment and flow control BMPs/facilities and LID principles and LID BMPs

The City has approved bioretention facilities that are in right of way, or in open space areas, at some new residential developments. The City is taking a private/public approach to the maintenance of these facilities. The City will conduct annual inspections and maintain the hard infrastructure pieces of the system. The homeowners are responsible for the landscaping. This policy is consistent with the approach taken for other landscaping strips and street trees planted within a typical sidewalk. To implement this approach the City is conducting outreach to the Homeowners Associations (HOA) of these new developments.

STORM Coordination

Target Audience: General public

Subject Area: General impacts of stormwater on surface waters

The City participates in the Stormwater Outreach for Regional Municipalities (STORM) group. STORM includes 57 cities and counties as well as the Washington State Puget Sound Partnership and Washington State Department of Ecology. STORM runs the Puget Sound Starts Here (PSSH) campaign which was created by a partnership of regional governments dedicated to improving water quality in our local lakes, rivers, streams and ultimately Puget Sound. In 2024, the PSSH campaign promoted best practices and driving website traffic during the PSSH month in December. The campaign focused on tires and tire inflation. Topics included “don’t wait to inflate”, how to check if your tires are low, and how tired particles contribute to water pollution. The City contributed funds to show the ads in the Marysville zip code, and used the provided materials in our own outreach.



2024 Stewardship Opportunities Summary *March 2025*

Adopt-A-Street: The City of Marysville Adopt-A-Street Litter Control Program is a stewardship program designed to clean up litter along roads, preventing it from being washed into the MS4. There are seventeen groups participating in the Adopt-A-Street program. There were 26 garbage pick-up events in 2024.

Clean Sweep: The city hosts an annual event for the removal of solid waste. This event also allows for education about stormwater and surface water pollution, in addition to removing potential sources of surface water pollution, in the form of street side and resident solid waste.

Urban Canopy Planting Events: In 2024 The Snohomish Conservation District assisted the city in planting willow stakes in the Jennings Park restoration area. This site has been a multi-phase project to restore riparian habitat. The district also planted trees at Ebey Park, which is adjacent to Ebey Slough.

Volunteer Monitoring: The City does not have a formal volunteer water quality monitoring program. The Marysville School District program includes a 5th grade field trip. The students go to a City of Marysville owned parcel along Jones Creek. The instructors lead students through a series of water quality monitoring activities.



2025 Retrofit Project List

| Project Name | 103rd and Shoultes | Cascade 100th | Cascade 51st |
|---|--|---|---|
| Project Type | Opportunistic. Facility Project. Bioretention Soil Media | Opportunistic. Facility Project. Bioretention Soil Media | Opportunistic. Facility Project. Bioretention Soil Media |
| Transportation Project Type | Sidewalk and Bike Lane. Addressing water from high traffic areas, including road, sidewalk, and bike lane. | Bike Lane. Addressing water from high traffic areas, including road, sidewalk, and bike lane. | Bike Lane. Addressing water from high traffic areas, including road, sidewalk, and bike lane. |
| Status | Construction | Construction | Construction |
| Latitude/Longitude | 48.0886929, -122.1664771 | 48.0853814, -122.161165 | 48.0853814, -122.161165 |
| Receiving Waterbody Name | Quilceda Creek | Quilceda Creek | Quilceda Creek |
| Cost Estimate | \$ 677,480.00 | \$ 792,171.32 | \$ 621,505.08 |
| Basin Area | 0.59 Acres | 0.41 Acres | 0.41 Acres |
| LID Equivalent Area (Acres) | 0.59 | 0.41 | 0.41 |
| Runoff Treatment Equivalent Area (Acres) | 0.59 | 0.41 | 0.41 |
| Flow Control Equivalent Area Ratio | 1 | 1 | 1 |
| Total Equivalent Acres | 1.18 | 0.82 | 0.82 |
| Stormwater Facility Retrofits Planning and Projections | 1.18 | 0.82 | 0.82 |

Source Control Requirement

The Western Washington Phase II Municipal Stormwater Permit requires the City to create and implement a program to prevent pollution in runoff from existing development. The requirements are described in section S5.C.8 and Appendix 8. The following list is a summary of the requirements:

- Create local ordinances for the business inspection program with enforcement capabilities.
- Develop an inventory of businesses with potential to create stormwater pollution.
- Conduct inspections of pollutant generating sources at publicly and privately owned institutional, commercial and industrial sites to enforce implementation of required BMPs to control pollution discharging into the MS4.
- Enforce the implementation of operational source control BMPs, or structural source control BMPs, for existing businesses that are potentially pollution generating.
- Encourage the use of practices to reduce polluted runoff from the application of pesticides, herbicides, and fertilizers from the sites identified in the inventory.
- Train staff members who are responsible for implementing the source control program.

The information to follow describes the actions that the City took in 2023 to implement these requirements.

Source Control Grant

The City of Marysville received a water quality grant from the Department of Ecology (WQC-2022-MaryPW-00075) to establish the source control program. The grant became effective in July 2021 and expires in 2025. The City hired Aspect Consulting to prepare the ordinance package. Ordinance 3222 was approved by Marysville City Council on July 11th and became effective on August 1, 2022. This ordinance added language to Marysville Municipal Code (MMC) sections 14.20 Wastewater Pretreatment and 14.21 Illicit Discharge Detection and Elimination (IDDE). The updated MMC sections require the use of source control BMPs for pollutant generating sources. The Stormwater Management Manual for Western Washington is cited at reference for BMPs. The review process determined that Title 4 Enforcement Code could be used when progressive enforcement actions are required.

The City also conducted a review of MMC to identify the changes required to adopt the 2019 Stormwater Management Manual for Western Washington (SWMMWW). The changes were adopted with ordinance 3218 and became effective on July 1, 2022. The grant has been extended until the end of 2025.

Volume IV of the SWMMWW contains Source Control Best Management Practices (BMPs). The City will require the use of BMPs from the SWMMWW for pollutant generating sources identified during inspections.

The source control grant provides for the first 2.5 years of funding for a full-time source control inspector for businesses. The position was filled in March of 2023.

Business Inventory

The City of Marysville has access to several data sources that were used to identify businesses for the inventory. Data sources include business license information, parcel data and utility billing information.

All businesses operating in City limits are required to have a business license. The City can access the license list and it includes the self-reported NAICS codes associated with each license. This list is directly comparable to Appendix 8. The list was downloaded into excel and represents the primary data source for the inventory.

The parcel data is created by the Snohomish County Assessor in the form of a shapefile. The data can be used and manipulated in ArcMap. The data includes a land use code that is assigned by the Snohomish County Assessor. The land use code describes the type of business operating at a parcel but it is not directly associated with the SIC or NAICS codes listed in Appendix 8. This was used as a secondary data source for the inventory.

The City also has a billing system for the municipally operated utilities, including drinking water, sewer, stormwater and garbage. This information can be exported to excel based on user type, but is limited to business or single family residential. This format is not very useful as the business activity is not easily identifiable. The business utility accounts are frequently paid by a management group, or corporate headquarters. This makes the utility billing information difficult to associate back to the SIC or NAICS codes listed in Appendix 8. This source of data was not used to create the inventory.

This first business inventory was created using a desktop analysis. The intent was to capture all land uses considered by Appendix 8 to have a potential for generating pollutants.

The inventory is updated at the start of each year. businesses added in the previous calendar year are added to the inventory of new sites. The new inspection goals are calculated from this total.

Source Control Inspections

The city started source control inspections of businesses in April of 2023, using the new inspector position mentioned earlier. In 2024, the business inventory contained 788 businesses. 189 inspections were conducted, which comprised 23.98% of the total inventory. Inspections will continue in 2025, using the updated business inventory as described above.



2024 Business Inspection Report

| Inspection# | Inspection Type | Description | Department | Assigned To | Start Date | Comments | Status | Activity | Loc. Address | Project |
|-------------|---------------------------|--|---------------|--------------|------------|---|-----------------------|---|--|-----------------------|
| 4418 | Source Control Inspection | Wholesale Trade – Durable Goods | Surface Water | Devin Childe | 1/3/2024 | Marysville Everett Ceramic Tile Business appears closed and is for sale Will be archived | Approved | SURFACE WATER - SC Site Inspection | 1220 2nd St, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| 4417 | Source Control Inspection | Ambulatory Health Care Services and Hospitals | Surface Water | Devin Childe | 1/3/2024 | Dirk T De Young DDS Clean drain in back lot Letter Sent 1/3, follow up in 30 days. | Follow Up | SURFACE WATER - SC Site Inspection | 1222 2nd St, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| 4419 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Devin Childe | 1/4/2024 | Dons Restaurant 3rd Visit In Compliance, basin has been cleaned Letter sent 1/4 | Approved | SURFACE WATER - SC Follow Up Inspection | 1216 4th St, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| 4428 | Source Control Inspection | Wholesale Trade – Nondurable Goods | Surface Water | Devin Childe | 1/8/2024 | Scotts Miracle-Gro Follow-Up In Compliance actions were corrected Evidence of discharge from SE corner of site, reaching out to Cody Ennis Industrial Inspector for next steps. Letter sent 1/9 | Approved | SURFACE WATER - SC Follow Up Inspection | 14524 40th Ave NE, Marysville, WA, 98271, USA | WQC-2022-MaryPW-00075 |
| 4427 | Source Control Inspection | Other | Surface Water | Devin Childe | 1/8/2024 | American Distributing In Compliance Letter sent 1/9 | Approved | SURFACE WATER - SC Screening Inspection | 13618 45th Ave NE, Marysville, WA, 98271, USA | WQC-2022-MaryPW-00075 |
| 4426 | Source Control Inspection | Other | Surface Water | Devin Childe | 1/8/2024 | Inspection in response to ERTS 727855 ClockTower Self Storage | Approved | SURFACE WATER - SC Screening Inspection | 8119 State Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| 4429 | Source Control Inspection | Wholesale Trade – Durable Goods | Surface Water | Devin Childe | 1/9/2024 | Matheus Lumber Co. Complaint received regarding runoff from site onto sidewalk. Initial screen inspection, will be following up. | Approved | SURFACE WATER - SC Screening Inspection | 600 Cedar Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| 4430 | Source Control Inspection | Wholesale Trade – Durable Goods | Surface Water | Devin Childe | 1/11/2024 | Matheus Lumber (MLC Reload LLC) Out of Compliance: Trackout, Discharge off site, Spill Kit Inspection report attached | Follow Up | SURFACE WATER - SC Site Inspection | 600 Cedar Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| 4437 | Source Control Inspection | Other | Surface Water | Devin Childe | 1/17/2024 | Letter sent 1/11 Allen Creek Crossing Strip Mall Shared Dumpster messy Letter Sent 1/17 | Follow Up | SURFACE WATER - SC Screening Inspection | 4711 64th St NE, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| 4438 | Source Control Inspection | Food and Beverage Stores | Surface Water | Devin Childe | 1/18/2024 | 76 4th St Flooding has stopped | Approved | SURFACE WATER - SC Screening Inspection | 4th St and Cedar Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| 4451 | Source Control Inspection | Food and Beverage Stores | Surface Water | Devin Childe | 1/26/2024 | Brianna's Cafe Out of Compliance Letter Sent 1/26 | Follow Up | SURFACE WATER - SC Site Inspection | 314 State Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| 4453 | Source Control Inspection | Food and Beverage Stores | Surface Water | Devin Childe | 1/29/2024 | 76 4th St Out of Compliance Letter sent 1/29 follow up 30 days | Follow Up | SURFACE WATER - SC Site Inspection | 1221 4th St, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| 4452 | Source Control Inspection | Food and Beverage Stores | Surface Water | Devin Childe | 1/29/2024 | 4th Street Market & Deli Out of Compliance Letter Sent 1/29 follow up 30 days | Follow Up | SURFACE WATER - SC Site Inspection | 1212 4th St, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A010 | Source Control Inspection | Ambulatory Health Care Services and Hospitals | Surface Water | Devin Childe | 2/5/2024 | | In_Compliance | Followup_Inspection | 1222 2nd St, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A051 | Source Control Inspection | Other | Surface Water | Devin Childe | 2/7/2024 | Broken grate complaint | NA | Screening_Inspection | 7625 47th Ave NE, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A005 | Source Control Inspection | Food and Beverage Stores | Surface Water | Devin Childe | 2/12/2024 | Clean storm system | NoCompliance_FollowUp | Site_Inspection | 1209 4th St, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A007 | Source Control Inspection | Wholesale Trade – Durable Goods | Surface Water | Devin Childe | 2/12/2024 | Layed over new gravel, no longer tracking out mud. | In_Compliance | Followup_Inspection | Cedar Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A033 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Devin Childe | 2/12/2024 | Clean storm system, oil water separator | NoCompliance_FollowUp | Site_Inspection | 417 Cedar Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A004 | Source Control Inspection | Other | Surface Water | Devin Childe | 2/13/2024 | Clean storm system | NoCompliance_FollowUp | Site_Inspection | 1326 5th St, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A012 | Source Control Inspection | Other | Surface Water | Devin Childe | 2/13/2024 | Drove by and could see flooding in parking lot, storm system needs cleaning | NoCompliance_FollowUp | Screening_Inspection | 1062 State Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A018 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Devin Childe | 2/15/2024 | Provided spill kit | In_Compliance | Site_Inspection | 1008 Cedar Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A039 | Source Control Inspection | Other | Surface Water | Devin Childe | 2/20/2024 | Dumpster area looks great. | In_Compliance | Followup_Inspection | 4711 64th St NE, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A014 | Source Control Inspection | Automotive Dealers and Gasoline Service Stations | Surface Water | Devin Childe | 2/21/2024 | OWS looked great. | In_Compliance | Site_Inspection | 1206 4th St, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A026 | Source Control Inspection | Ambulatory Health Care Services and Hospitals | Surface Water | Devin Childe | 2/22/2024 | Fix pond fence | NoCompliance_FollowUp | Site_Inspection | 4404 80th St NE, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A001 | Source Control Inspection | Other | Surface Water | Devin Childe | 2/23/2024 | Clean storm system | NoCompliance_FollowUp | Site_Inspection | 415 State Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A023 | Source Control Inspection | Other | Surface Water | Devin Childe | 2/26/2024 | 1 unmapped catch basin, entered into GIS | In_Compliance | Site_Inspection | 610 Beach Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A024 | Source Control Inspection | Other | Surface Water | Devin Childe | 2/26/2024 | Clean storm system | NoCompliance_FollowUp | Site_Inspection | 314 State Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A009 | Source Control Inspection | Other | Surface Water | Devin Childe | 2/27/2024 | | In_Compliance | Site_Inspection | 519 Beach Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A032 | Source Control Inspection | Automotive Dealers and Gasoline Service Stations | Surface Water | Devin Childe | 2/27/2024 | Clean north CB | NoCompliance_FollowUp | Site_Inspection | 706 CEDAR AVE MARYSVILLE WA 98270 | WQC-2022-MaryPW-00075 |
| A035 | Source Control Inspection | Wholesale Trade – Nondurable Goods | Surface Water | Devin Childe | 2/28/2024 | Trackout | NoCompliance_FollowUp | Site_Inspection | 14524 40th Ave, Marysville, WA, 98270 | WQC-2022-MaryPW-00075 |
| A042 | Source Control Inspection | Automotive Dealers and Gasoline Service Stations | Surface Water | Devin Childe | 2/29/2024 | System was cleaned | In_Compliance | Followup_Inspection | 1221 4th St, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A043 | Source Control Inspection | Wholesale Trade – Nondurable Goods | Surface Water | Devin Childe | 2/29/2024 | Dye test checkup | NA | Screening_Inspection | 14524 40th Ave NE, Marysville, WA, 98271, USA | WQC-2022-MaryPW-00075 |
| A053 | Source Control Inspection | Other | Surface Water | Devin Childe | 2/29/2024 | IDDE Investigation | NA | Screening_Inspection | 8308 47th Ave, Marysville, WA, 98270 | WQC-2022-MaryPW-00075 |
| A029 | Source Control Inspection | Ambulatory Health Care Services and Hospitals | Surface Water | Devin Childe | 3/4/2024 | One Type 2 structure in parking lot | In_Compliance | Site_Inspection | 1227 2nd St, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A052 | Source Control Inspection | Food and Beverage Stores | Surface Water | Devin Childe | 3/4/2024 | CB cleaned | In_Compliance | Followup_Inspection | 1212 4th St, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A031 | Source Control Inspection | Food and Beverage Stores | Surface Water | Devin Childe | 3/6/2024 | Clean dumpster area around grease bins. | NoCompliance_FollowUp | Site_Inspection | 9925 State Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A003 | Source Control Inspection | Other | Surface Water | Devin Childe | 3/7/2024 | Repair 2 CBs | NoCompliance_FollowUp | Site_Inspection | 1106 Grove St, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A054 | Source Control Inspection | Food and Beverage Stores | Surface Water | Devin Childe | 3/7/2024 | Spoke to asst manager. | NA | Screening_Inspection | 9925 State Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A075 | Source Control Inspection | Other | Surface Water | Devin Childe | 3/8/2024 | Spill not cleaned yet | NoCompliance_FollowUp | Followup_Inspection | 8308 47th Ave NE, Marysville, WA, 98270 | WQC-2022-MaryPW-00075 |
| A044 | Source Control Inspection | Automotive Dealers and Gasoline Service Stations | Surface Water | Devin Childe | 3/12/2024 | System cleaned | In_Compliance | Followup_Inspection | 1209 4th St, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A013 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Devin Childe | 3/12/2024 | OWS appears to have been cleaned, but not the catch basins | NoCompliance_FollowUp | Followup_Inspection | 417 Cedar Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A064 | Source Control Inspection | Transportation Equipment Manufacturing | Surface Water | Devin Childe | 3/14/2024 | Clean dumpster areas. | NoCompliance_FollowUp | Screening_Inspection | 12806 STATE AVE MARYSVILLE WA 98271 7849 | WQC-2022-MaryPW-00075 |
| A064 | Source Control Inspection | Other | Surface Water | Devin Childe | 3/14/2024 | Not cleaned yet. Received call from John Barron 3607397581 on 3/18, he will clean drains. I gave 30 day extension. | NoCompliance_FollowUp | Followup_Inspection | 1062 State Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A036 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Devin Childe | 3/18/2024 | Clean storm system, close grease bin | NoCompliance_FollowUp | Site_Inspection | 616 State Ave, Marysville, WA, 98270 | WQC-2022-MaryPW-00075 |
| A046 | Source Control Inspection | Other | Surface Water | Devin Childe | 3/19/2024 | Mapping | NA | Screening_Inspection | 1350 Cedar Ave, Marysville, WA, 98270 | WQC-2022-MaryPW-00075 |
| A047 | Source Control Inspection | Other | Surface Water | Devin Childe | 3/19/2024 | Spill cleaned up 3/19, vault was discovered and is in overflow - must be maintained. Letter will be sent. | NoCompliance_FollowUp | Followup_Inspection | 8308 47th Ave, Marysville, WA, 98270 | WQC-2022-MaryPW-00075 |
| A034 | Source Control Inspection | Other | Surface Water | Devin Childe | 3/20/2024 | Rain Garden Survey | NA | Screening_Inspection | 404 State Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A065 | Source Control Inspection | Other | Surface Water | Devin Childe | 3/21/2024 | See Aktivov WO 15058 | NA | Screening_Inspection | 8308 47th Ave NE, Marysville, WA, 98270 | WQC-2022-MaryPW-00075 |
| A076 | Source Control Inspection | Ambulatory Health Care Services and Hospitals | Surface Water | Devin Childe | 3/22/2024 | Fence repaired | In_Compliance | Followup_Inspection | 4404 80th St NE, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A077 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Devin Childe | 3/22/2024 | System cleaned on 3/20 | In_Compliance | Followup_Inspection | 417 Cedar Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A019 | Source Control Inspection | Other | Surface Water | Devin Childe | 3/25/2024 | N/A | In_Compliance | Site_Inspection | 606 State St, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A025 | Source Control Inspection | Other | Surface Water | Devin Childe | 3/25/2024 | N/A | In_Compliance | Site_Inspection | 514 State Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A078 | Source Control Inspection | Other | Surface Water | Devin Childe | 3/25/2024 | System cleaned, all CBs inspected | In_Compliance | Followup_Inspection | 415 State Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A066 | Source Control Inspection | Wholesale Trade – Nondurable Goods | Surface Water | Devin Childe | 3/26/2024 | Trackout check-up | NA | Screening_Inspection | 14524 40th Ave NE, Marysville, WA, 98271, USA | WQC-2022-MaryPW-00075 |
| A048 | Source Control Inspection | Other | Surface Water | Devin Childe | 3/27/2024 | Email from Bravo Environmental cleaning will take place 4/8 | NoCompliance_FollowUp | Followup_Inspection | 314 State Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A049 | Source Control Inspection | Automotive Dealers and Gasoline Service Stations | Surface Water | Devin Childe | 3/28/2024 | System cleaned | In_Compliance | Followup_Inspection | 706 Cedar Ave, Marysville, WA, 98270 | WQC-2022-MaryPW-00075 |
| A006 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Devin Childe | 4/2/2024 | Clean storm system. | NoCompliance_FollowUp | Site_Inspection | 1065 State Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A008 | Source Control Inspection | Ambulatory Health Care Services and Hospitals | Surface Water | Devin Childe | 4/3/2024 | Clean storm system. | NoCompliance_FollowUp | Site_Inspection | 619 Cedar Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A030 | Source Control Inspection | Other | Surface Water | Devin Childe | 4/3/2024 | IDDE Response | NA | Screening_Inspection | 6810 84th St NE, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A002 | Source Control Inspection | Other | Surface Water | Devin Childe | 4/4/2024 | | In_Compliance | Site_Inspection | 515 Cedar Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A037 | Source Control Inspection | Other | Surface Water | Devin Childe | 4/4/2024 | 3 CBs need to be cleaned | NoCompliance_FollowUp | Site_Inspection | 505 Cedar Ave, Marysville, WA, 98270 | WQC-2022-MaryPW-00075 |
| A050 | Source Control Inspection | Ambulatory Health Care Services and Hospitals | Surface Water | Devin Childe | 4/4/2024 | | In_Compliance | Site_Inspection | 4124 80th St NE Ste 101, Marysville, WA, 98270 | WQC-2022-MaryPW-00075 |
| A040 | Source Control Inspection | Other | Surface Water | Devin Childe | 4/8/2024 | | In_Compliance | Site_Inspection | 815 State Ave, Marysville, WA, 98270 | WQC-2022-MaryPW-00075 |
| A055 | Source Control Inspection | Food and Beverage Stores | Surface Water | Devin Childe | 4/8/2024 | Dumpster area still messy, see photos | NoCompliance_FollowUp | Followup_Inspection | 9925 State Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A070 | Source Control Inspection | Other | Surface Water | Devin Childe | 4/9/2024 | IDDE Investigation | NA | Screening_Inspection | 4900 80th St NE, Marysville, WA, 98270 | WQC-2022-MaryPW-00075 |
| A079 | Source Control Inspection | Ambulatory Health Care Services and Hospitals | Surface Water | Devin Childe | 4/9/2024 | System cleaned. | In_Compliance | Followup_Inspection | 619 Cedar Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A080 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Devin Childe | 4/9/2024 | System cleaned. | In_Compliance | Followup_Inspection | 314 State Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A067 | Source Control Inspection | Wholesale Trade – Nondurable Goods | Surface Water | Devin Childe | 4/10/2024 | Trackout still an issue | NoCompliance_FollowUp | Followup_Inspection | 14524 40th Ave NE, Marysville, WA, 98271, USA | WQC-2022-MaryPW-00075 |
| A068 | Source Control Inspection | Other | Surface Water | Devin Childe | 4/10/2024 | CBs still damaged | NoCompliance_FollowUp | Followup_Inspection | 1106 Grove St, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A069 | Source Control Inspection | Other | Surface Water | Devin Childe | 4/10/2024 | Drains cleaned | In_Compliance | Followup_Inspection | 1062 State Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A081 | Source Control Inspection | Other | Surface Water | Devin Childe | 4/15/2024 | System cleaned, extension was given due to property owner being out of country. | In_Compliance | Followup_Inspection | 1326 5th St, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A028 | Source Control Inspection | Other | Surface Water | Devin Childe | 4/16/2024 | Clean catch basin in parking lot | NoCompliance_FollowUp | Site_Inspection | 626 Ash St, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A021 | Source Control Inspection | Ambulatory Health Care Services and Hospitals | Surface Water | Devin Childe | 4/17/2024 | | In_Compliance | Site_Inspection | 621 Beach Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A071 | Source Control Inspection | Other | Surface Water | Devin Childe | 4/19/2024 | System cleaned. | In_Compliance | Followup_Inspection | 505 Cedar Ave, Marysville, WA, 98270 | WQC-2022-MaryPW-00075 |
| A072 | Source Control Inspection | Transportation Equipment Manufacturing | Surface Water | Devin Childe | 4/19/2024 | Dumpster area cleaned. | In_Compliance | Followup_Inspection | 12806 STATE AVE MARYSVILLE WA 98271 7849 | WQC-2022-MaryPW-00075 |
| A073 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Devin Childe | 4/19/2024 | System still out of compliance. | NoCompliance_FollowUp | Followup_Inspection | 616 State Ave, Marysville, WA, 98270 | WQC-2022-MaryPW-00075 |
| A082 | Source Control Inspection | Wholesale Trade – Nondurable Goods | Surface Water | Devin Childe | 4/30/2024 | Drive-by check-in on new erosion control measures for trackout. | NA | Screening_Inspection | 14524 40th Ave NE, Marysville, WA, 98271, USA | WQC-2022-MaryPW-00075 |
| A057 | Source Control Inspection | Wholesale Trade – Nondurable Goods | Surface Water | Devin Childe | 5/2/2024 | Trackout Check-In | NA | Screening_Inspection | 14524 40th Ave NE, Marysville, WA, 98271, USA | WQC-2022-MaryPW-00075 |

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| A074 | Source Control Inspection | Other | Surface Water | Devin Childe | 5/2/2024 | Catch Basins repaired. | In_Compliance | Followup_Inspection | 1106 Grove St, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A056 | Source Control Inspection | Repair and Maintenance | Surface Water | Devin Childe | 5/3/2024 | Aaron (425-319-7156) called, owns tint shop and is curious about process for disposing of wastewater. I visited site and he plans on doing all washing inside with a containment mat and pump the water out. We looked outside and there are several gravel/planter areas where he can dispose of the water. I told him that would be OK. System clean. | In_Compliance | Site_Inspection | 13503 39th Ave NE STE A, Marysville, WA, 98270 | WQC-2022-MaryPW-00075 |
| A058 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Devin Childe | 5/6/2024 | | In_Compliance | Followup_Inspection | 1065 State Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A015 | Source Control Inspection | Other | Surface Water | Devin Childe | 5/7/2024 | | In_Compliance | Site_Inspection | 502 State Ave Ste 101 102 & 103, Marysville, WA, USA | WQC-2022-MaryPW-00075 |
| A022 | Source Control Inspection | Other | Surface Water | Devin Childe | 5/7/2024 | | NoCompliance_FollowUp | Site_Inspection | 1515 5th St, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A083 | Source Control Inspection | Wholesale Trade – Nondurable Goods | Surface Water | Devin Childe | 5/8/2024 | Catch Basin needs maintenance. Met with Plant Manager plus other Scotts staff. Including NPDES Coordinator, supervisor, and code enforcement. Discussed trackout, damage to roadway, and damage to culverts. Anna mentioned contractor will be performing work in 1 week to install metal grates for trucks to drive over, as well as removal of gates to give trucks more room to make the turn, a wheel wash is also in the works. A capital project is planned for the summer to pave portions of the yard as well as create a new exit for trucks near the southern end of the facility. | NoCompliance_FollowUp | Followup_Inspection | 14524 40th Ave NE, Marysville, WA, 98271, USA | WQC-2022-MaryPW-00075 |
| A041 | Source Control Inspection | Other | Surface Water | Devin Childe | 5/9/2024 | | In_Compliance | Site_Inspection | 1509 6th St, Marysville, WA, 98270 | WQC-2022-MaryPW-00075 |
| A059 | Source Control Inspection | Food and Beverage Stores | Surface Water | Devin Childe | 5/13/2024 | | In_Compliance | Followup_Inspection | 9925 State Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A038 | Source Control Inspection | Other | Surface Water | Devin Childe | 5/15/2024 | | In_Compliance | Site_Inspection | 1402 7th St, Marysville, WA, 98270 | WQC-2022-MaryPW-00075 |
| A060 | Source Control Inspection | Other | Surface Water | Devin Childe | 5/20/2024 | | In_Compliance | Followup_Inspection | 626 Ash St, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A061 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Devin Childe | 5/21/2024 | System cleaned. | In_Compliance | Followup_Inspection | 616 State Ave, Marysville, WA, 98270 | WQC-2022-MaryPW-00075 |
| A027 | Source Control Inspection | Ambulatory Health Care Services and Hospitals | Surface Water | Devin Childe | 5/29/2024 | IDDE Investigation, paint spill behind LoveMySmile Dentures. | NA | Screening_Inspection | 1242 State Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A062 | Source Control Inspection | Ambulatory Health Care Services and Hospitals | Surface Water | Devin Childe | 5/29/2024 | IDDE Investigation, paint spill behind LoveMySmile Dentures. David & Ryan Visit. | NA | Screening_Inspection | 1242 State Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A063 | Source Control Inspection | Ambulatory Health Care Services and Hospitals | Surface Water | Devin Childe | 5/30/2024 | IDDE Cleanup follow-up | In_Compliance | Followup_Inspection | 1242 State Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A020 | Source Control Inspection | Other | Surface Water | Devin Childe | 6/3/2024 | Clean dumpster area. | NoCompliance_FollowUp | Site_Inspection | 9414 State Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A011 | Source Control Inspection | Food and Beverage Stores | Surface Water | Devin Childe | 6/24/2024 | Referal from Solid Waste, letter sent for good housekeeping. | NA | Screening_Inspection | 301 Marysville, WA, 98270, WA | WQC-2022-MaryPW-00075 |
| A084 | Source Control Inspection | Other | Surface Water | Devin Childe | 6/24/2024 | Referal from Solid Waste, letter sent for good housekeeping | NA | Screening_Inspection | 1002 Columbia Ave Unit 1, Marysville, WA, 98270 | WQC-2022-MaryPW-00075 |
| A017 | Source Control Inspection | Automotive Dealers and Gasoline Service Stations | Surface Water | Devin Childe | 6/25/2024 | Referal from Solid Waste, letter sent for good housekeeping | NA | Screening_Inspection | 8007 State Ave, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| A016 | Source Control Inspection | Automotive Dealers and Gasoline Service Stations | Surface Water | Devin Childe | 6/26/2024 | Referal from Solid Waste, letter sent for good housekeeping | NA | Screening_Inspection | 10013 Shouites Rd, Marysville, WA, 98270, USA | WQC-2022-MaryPW-00075 |
| 27 | Source Control Inspection | Repair and Maintenance | Surface Water | Devin Childe | 7/22/2024 | Clean stormceptor within 30 days | Out of Compliance, Follow-up Needed | Site Inspection | 9015 STATE AVE MARYSVILLE WA 98270 2502 | WQC-2022-MaryPW-00075 |
| 29 | Source Control Inspection | Wholesale Trade – Durable Goods | Surface Water | Devin Childe | 7/23/2024 | Drive-by visual inspection for reported ERTS. No immediate threat to water quality. Site inspection will take place 7/24. | N/A | Screening Inspection | 12806 STATE AVE MARYSVILLE WA 98271 7849 | WQC-2022-MaryPW-00075 |
| 30 | Source Control Inspection | Wholesale Trade – Durable Goods | Surface Water | Devin Childe | 7/24/2024 | The rusty water mentioned in the report was from a contractor working on the on-site fire sprinkler system, they had to flush the sprinkler line and rusty colored water discharged into a catch basin. □ The hazardous waste storage area was inspected, and no issues were found.□ The ponds and bioswales on the property were inspected, and no issues were found.□ There was no evidence of any pollutants discharging off the property | In Compliance | Site Inspection | 12806 STATE AVE MARYSVILLE WA 98271 7849 | WQC-2022-MaryPW-00075 |
| 33 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Kristine Vasilevsky | 7/31/2024 | CB nearest drive thru lane is in need of maintenance | Out of Compliance, Follow-up Needed | Site Inspection | 9720 STATE AVE MARYSVILLE WA 98270 2232 | WQC-2022-MaryPW-00075 |
| 38 | Source Control Inspection | Repair and Maintenance | Surface Water | Kristine Vasilevsky | 8/9/2024 | Oil spill potentially entering catch basin needs to be cleaned up. North CB has vegetation overgrowth and unable to inspect CB. Request SWPPP and follow up scheduled for 8/12/24 | Out of Compliance, Follow-up Needed | Site Inspection | 8417 STATE AVE MARYSVILLE WA 98270 2901 | WQC-2022-MaryPW-00075 |
| 39 | Source Control Inspection | Building Materials, Hardware, Garden Supplies Dealers | Surface Water | Kristine Vasilevsky | 8/9/2024 | No follow up needed. | In Compliance | Site Inspection | 8323 STATE AVE MARYSVILLE WA 98270 0000 | WQC-2022-MaryPW-00075 |
| 477 | Source Control Inspection | Repair and Maintenance | Surface Water | Kristine Vasilevsky | 8/13/2024 | Facility inspected proof of catch basin clean out via email | In Compliance | Follow-up Inspection | 9015 STATE AVE MARYSVILLE WA 98270 2502 | WQC-2022-MaryPW-00075 |
| 40 | Source Control Inspection | Food and Beverage Stores | Surface Water | Kristine Vasilevsky | 8/13/2024 | Follow Up Provided for Oil Spill. Informed Facility need to clean CB and clean up spill | In Compliance | Follow-up Inspection | 8620 STATE AVE STE B MARYSVILLE WA 98270 2278 | WQC-2022-MaryPW-00075 |
| 41 | Source Control Inspection | Repair and Maintenance | Surface Water | Kristine Vasilevsky | 8/14/2024 | Follow up regarding spill. Facility learned that CB are all bolted to cement and unable to perform proper maintenance. | Out of Compliance, Follow-up Needed | Follow-up Inspection | 8417 STATE AVE MARYSVILLE WA 98270 2901 | WQC-2022-MaryPW-00075 |
| 42 | Source Control Inspection | Repair and Maintenance | Surface Water | Kristine Vasilevsky | 8/14/2024 | Followed up with maintenance technician. | Out of Compliance, Follow-up Needed | Follow-up Inspection | 8417 STATE AVE MARYSVILLE WA 98270 2901 | WQC-2022-MaryPW-00075 |
| 43 | Source Control Inspection | Repair and Maintenance | Surface Water | Kristine Vasilevsky | 8/14/2024 | No deficiencies noted but facility plans to do a lot of improvement projects and deferred to Development Services | Out of Compliance, Follow-up Needed | Follow-up Inspection | 8417 STATE AVE MARYSVILLE WA 98270 2901 | WQC-2022-MaryPW-00075 |
| 44 | Source Control Inspection | Building Materials, Hardware, Garden Supplies Dealers | Surface Water | Kristine Vasilevsky | 8/26/2024 | No deficiencies noted | In Compliance | Site Inspection | 14524 40TH AVE NE MARYSVILLE WA 98271 8942 | WQC-2022-MaryPW-00075 |
| 45 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Kristine Vasilevsky | 8/28/2024 | IDDE ERTS #733332 | In Compliance | Site Inspection | 1289 STATE AVE MARYSVILLE WA 98270 3696 | WQC-2022-MaryPW-00075 |
| 46 | Source Control Inspection | Automotive Dealers and Gasoline Service Stations | Surface Water | Kristine Vasilevsky | 8/28/2024 | Lower stormwater has an opening to be connected downstream towards the other business but unsure where it ends up. | N/A | Screening Inspection | 16120 SMOKEY POINT BLVD MARYSVILLE WA 98271 | WQC-2022-MaryPW-00075 |
| 47 | Source Control Inspection | Repair and Maintenance | Surface Water | Kristine Vasilevsky | 8/29/2024 | All drains cleaned. Visually confirmed it is connected to Marysville MS4. | In Compliance | Site Inspection | 6618 64TH ST NE STE G MARYSVILLE WA 98270 488 | WQC-2022-MaryPW-00075 |
| 48 | Source Control Inspection | Repair and Maintenance | Surface Water | Kristine Vasilevsky | 9/3/2024 | No follow up needed | In Compliance | Follow-up Inspection | 8417 STATE AVE MARYSVILLE WA 98270 2901 | WQC-2022-MaryPW-00075 |
| 49 | Source Control Inspection | Automotive Dealers and Gasoline Service Stations | Surface Water | Kristine Vasilevsky | 9/4/2024 | Underneath canopy storm drains drain into sewer | In Compliance | Site Inspection | 1090 STATE AVE MARYSVILLE WA 98270 4241 | WQC-2022-MaryPW-00075 |
| 50 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Kristine Vasilevsky | 9/9/2024 | <Null> | In Compliance | Site Inspection | 3506 88TH ST NE MARYSVILLE WA 98270 0000 | WQC-2022-MaryPW-00075 |
| 51 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Kristine Vasilevsky | 9/9/2024 | No deficiencies. Discussed importance of maintaining spill kits on site. | In Compliance | Site Inspection | 3608 88TH ST NE MARYSVILLE WA 98270 7207 | WQC-2022-MaryPW-00075 |
| 478 | Source Control Inspection | Repair and Maintenance | Surface Water | Kristine Vasilevsky | 9/10/2024 | <Null> | In Compliance | Site Inspection | 1273 STATE AVE MARYSVILLE WA 98270 3601 | WQC-2022-MaryPW-00075 |
| 54 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Kristine Vasilevsky | 9/13/2024 | No deficiencies Observed | In Compliance | Site Inspection | 1125 4TH ST MARYSVILLE WA 98270 4914 | WQC-2022-MaryPW-00075 |
| 57 | Source Control Inspection | Electrical Equipment, Appliance, and Component Manufacturing | Surface Water | Kristine Vasilevsky | 9/18/2024 | Approximately 10 paint cans stored outside from previous day. EE states that they were left overnight and they have not been able to pick up and put in recycling yet. Follow up in a week to make sure they are cleaned up. | Out of Compliance, Follow-up Needed | Site Inspection | 1315 STATE ST MARYSVILLE WA 98270 0000 | WQC-2022-MaryPW-00075 |
| 58 | Source Control Inspection | Building Materials, Hardware, Garden Supplies Dealers | Surface Water | Kristine Vasilevsky | 9/18/2024 | No deficiencies noted during inspection | In Compliance | Site Inspection | 1105 STATE AVE MARYSVILLE WA 98270 4242 | WQC-2022-MaryPW-00075 |
| 72 | Source Control Inspection | Food and Beverage Stores | Surface Water | Kristine Vasilevsky | 9/19/2024 | No deficiencies observed during inspection | In Compliance | Site Inspection | 11401 STATE AVE MARYSVILLE WA 98271 7210 | WQC-2022-MaryPW-00075 |
| 59 | Source Control Inspection | Repair and Maintenance | Surface Water | Kristine Vasilevsky | 9/19/2024 | No deficiencies noted | In Compliance | Site Inspection | 8213B STATE AVE MARYSVILLE WA 98270 3405 | WQC-2022-MaryPW-00075 |
| 62 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Kristine Vasilevsky | 9/19/2024 | No deficiencies observed during inspection | In Compliance | Site Inspection | 11515 STATE AVE STE C MARYSVILLE WA 98271 724 | WQC-2022-MaryPW-00075 |
| 63 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Kristine Vasilevsky | 9/19/2024 | No deficiencies observed during inspection. | In Compliance | Site Inspection | 11525 STATE AVE MARYSVILLE WA 98271 7244 | WQC-2022-MaryPW-00075 |
| 65 | Source Control Inspection | Food and Beverage Stores | Surface Water | Kristine Vasilevsky | 9/24/2024 | No deficiencies observed | In Compliance | Site Inspection | 10310 STATE AVE MARYSVILLE WA 98271 7212 | WQC-2022-MaryPW-00075 |
| 66 | Source Control Inspection | Other | Surface Water | Kristine Vasilevsky | 9/24/2024 | No deficiencies noted during inspection | In Compliance | Site Inspection | 9623 STATE AVE STE D MARYSVILLE WA 98270 2257 | WQC-2022-MaryPW-00075 |
| 67 | Source Control Inspection | Building Materials, Hardware, Garden Supplies Dealers | Surface Water | Kristine Vasilevsky | 9/24/2024 | Drove by paint cans have been removed from parking lot | In Compliance | Follow-up Inspection | 1105 STATE AVE MARYSVILLE WA 98270 4242 | WQC-2022-MaryPW-00075 |
| 68 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Kristine Vasilevsky | 9/24/2024 | CB near drive thru was cleaned sufficiently | In Compliance | Follow-up Inspection | 9720 STATE AVE MARYSVILLE WA 98270 2232 | WQC-2022-MaryPW-00075 |
| 473 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Kristine Vasilevsky | 9/30/2024 | No deficiencies observed during inspection | In Compliance | Site Inspection | 3703 116TH ST NE MARYSVILLE WA 98271 8423 | WQC-2022-MaryPW-00075 |
| 475 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Kristine Vasilevsky | 10/1/2024 | No deficiencies found during inspection. | In Compliance | Site Inspection | 3729 116TH ST NE MARYSVILLE WA 98271 8423 | WQC-2022-MaryPW-00075 |
| 474 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Kristine Vasilevsky | 10/3/2024 | Verifying location of stormdrain to map on GIS | In Compliance | Screening Inspection | 9603 STATE AVE MARYSVILLE WA 98270 2233 | WQC-2022-MaryPW-00075 |
| 479 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Kristine Vasilevsky | 10/7/2024 | 4 CB needs to be cleaned and properly maintained. Is above the 60% allowable. Follow up in 30 days. | Out of Compliance, Follow-up Needed | Site Inspection | 11533 38TH DR NE MARYSVILLE WA 98271 8458 | WQC-2022-MaryPW-00075 |
| 482 | Source Control Inspection | Automotive Dealers and Gasoline Service Stations | Surface Water | Kristine Vasilevsky | 10/9/2024 | Did an inspection of the glint car wash area near the Popeye's. Need to follow up for entire system | In Compliance | Site Inspection | 3750 116TH ST NE MARYSVILLE WA 98271 8483 | WQC-2022-MaryPW-00075 |
| 480 | Source Control Inspection | Food and Beverage Stores | Surface Water | Kristine Vasilevsky | 10/10/2024 | No deficiencies. Discussed lawn care to try to prevent leaves entering storm system with outside contractors. | In Compliance | Site Inspection | 3733 116TH ST NE MARYSVILLE WA 98271 8423 | WQC-2022-MaryPW-00075 |
| 485 | Source Control Inspection | Repair and Maintenance | Surface Water | Kristine Vasilevsky | 10/14/2024 | Catch basins located in entire plaza in need of maintenance. reached out to Property Management | Out of Compliance, Follow-up Needed | Site Inspection | 1352 STATE AVE MARYSVILLE WA 98270 3605 | WQC-2022-MaryPW-00075 |
| 487 | Source Control Inspection | Other | Surface Water | Kristine Vasilevsky | 10/14/2024 | Catch basins need to be cleaned. Will contact Property Management | Out of Compliance, Follow-up Needed | Site Inspection | 1338 STATE AVE MARYSVILLE WA 98270 3605 | WQC-2022-MaryPW-00075 |
| 488 | Source Control Inspection | Other | Surface Water | Kristine Vasilevsky | 10/14/2024 | No Deficiencies noted. | In Compliance | Site Inspection | 1334 STATE AVE MARYSVILLE WA 98270 0000 | WQC-2022-MaryPW-00075 |
| 489 | Source Control Inspection | Food and Beverage Stores | Surface Water | Kristine Vasilevsky | 10/16/2024 | Clean catch basins. Letter sent. | Out of Compliance, Follow-up Needed | Screening Inspection | 12409 STATE AVE MARYSVILLE WA 98271 8771 | WQC-2022-MaryPW-00075 |
| 490 | Source Control Inspection | Other | Surface Water | Kristine Vasilevsky | 10/16/2024 | Catch basins need cleaning. Letter sent. | Out of Compliance, Follow-up Needed | Screening Inspection | 12421 STATE AVE STE 104 MARYSVILLE WA 98271 8 | WQC-2022-MaryPW-00075 |
| 492 | Source Control Inspection | Machinery, Computer, and Electronic Product manufacturing | Surface Water | Kristine Vasilevsky | 10/16/2024 | Facility inspection of bioswale. Letter sent. | Out of Compliance, Follow-up Needed | Screening Inspection | 4150 152ND ST NE BLDG 102 MARYSVILLE WA 98271 | WQC-2022-MaryPW-00075 |
| 493 | Source Control Inspection | Building Materials, Hardware, Garden Supplies Dealers | Surface Water | Kristine Vasilevsky | 10/16/2024 | Catch Basins needs maintenance. Letter sent. | Out of Compliance, Follow-up Needed | Screening Inspection | 13217 41ST AVE NE MARYSVILLE WA 98270 0000 | WQC-2022-MaryPW-00075 |
| 500 | Source Control Inspection | Other | Surface Water | Kristine Vasilevsky | 10/16/2024 | Inspected Private Facility. Need to clear out invasive species in vegetation. Letter Sent. | Out of Compliance, Follow-up Needed | Screening Inspection | 11430 38TH DR NE MARYSVILLE WA 98271 8433 | WQC-2022-MaryPW-00075 |
| 512 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Kristine Vasilevsky | 10/16/2024 | No deficiencies noted. | In Compliance | Screening Inspection | 2537 172ND ST NE MARYSVILLE WA 98271 4824 | WQC-2022-MaryPW-00075 |
| 497 | Source Control Inspection | Rental and Leasing Services | Surface Water | Kristine Vasilevsky | 10/21/2024 | No deficiencies noted. | In Compliance | Site Inspection | 1060 COLUMBIA AVE APT 310 MARYSVILLE WA 9827 | WQC-2022-MaryPW-00075 |
| 494 | Source Control Inspection | Ambulatory Health Care Services and Hospitals | Surface Water | Kristine Vasilevsky | 10/22/2024 | Trash overflowing in dumpster area. Follow up needed. Vegetation needs to be cleared in storm drain. Letter sent. | Out of Compliance, Follow-up Needed | Site Inspection | 3806 116TH ST NE MARYSVILLE WA 98271 8418 | WQC-2022-MaryPW-00075 |
| 499 | Source Control Inspection | Automotive Dealers and Gasoline Service Stations | Surface Water | Kristine Vasilevsky | 10/24/2024 | Referral from SW trash area is dirty. Arrived to see facility is cleaning trash area. | In Compliance | Screening Inspection | 8007 STATE AVE STE C MARYSVILLE WA 98270 6411 | WQC-2022-MaryPW-00075 |
| 501 | Source Control Inspection | Electrical Equipment, Appliance, and Component Manufacturing | Surface Water | Kristine Vasilevsky | 10/28/2024 | Trash complaint from SW. Unable to speak with someone on site. Send letter regarding trash clean up in dumpster area. | Out of Compliance, Follow-up Needed | Screening Inspection | 4150 152ND ST NE BLDG 102 MARYSVILLE WA 98271 | WQC-2022-MaryPW-00075 |
| 502 | Source Control Inspection | Food and Beverage Stores | Surface Water | Kristine Vasilevsky | 10/28/2024 | No deficiencies noted | In Compliance | Site Inspection | 8820 36TH AVE NE STE 101 MARYSVILLE WA 98270 | WQC-2022-MaryPW-00075 |
| 506 | Source Control Inspection | Other | Surface Water | Kristine Vasilevsky | 11/5/2024 | Catch Basins need to be cleaned. Spoke with Contractor yesterday. Will clean CB by next week (FU 11/15). Business Type Gym | Out of Compliance, Follow-up Needed | Site Inspection | 1346 STATE AVE MARYSVILLE WA 98270 3605 | WQC-2022-MaryPW-00075 |
| 507 | Source Control Inspection | Other | Surface Water | Kristine Vasilevsky | 11/5/2024 | CB need to be cleaned. Spoke with contractor that stated it will be cleaned by 11/15. | Out of Compliance, Follow-up Needed | Site Inspection | 1332 STATE AVE MARYSVILLE WA 98270 3605 | WQC-2022-MaryPW-00075 |
| 508 | Source Control Inspection | Ambulatory Health Care Services and Hospitals | Surface Water | Kristine Vasilevsky | 11/7/2024 | No deficiencies observed. | In Compliance | Site Inspection | 3721 116TH ST NE MARYSVILLE WA 98271 8423 | WQC-2022-MaryPW-00075 |
| 509 | Source Control Inspection | Printing and Related Support Activities | Surface Water | Kristine Vasilevsky | 11/12/2024 | No deficiencies noted. | In Compliance | Site Inspection | 3731 116TH ST NE MARYSVILLE WA 98271 8423 | WQC-2022-MaryPW-00075 |
| 510 | Source Control Inspection | Other | Surface Water | Kristine Vasilevsky | 11/12/2024 | No deficiencies noted. | In Compliance | Site Inspection | 3719 116TH ST MARYSVILLE WA 98271 8423 | WQC-2022-MaryPW-00075 |
| 513 | Source Control Inspection | Other | Surface Water | Kristine Vasilevsky | 11/12/2024 | No deficiencies noted. | In Compliance | Site Inspection | 3713 116TH ST NE MARYSVILLE WA 98271 0000 | WQC-2022-MaryPW-00075 |
| 514 | Source Control Inspection | Repair and Maintenance | Surface Water | Kristine Vasilevsky | 11/15/2024 | Northside of PL infiltration trench is pooling water. | In Compliance | Site Inspection | 17305 27TH AVE NE MARYSVILLE WA 98271 4745 | WQC-2022-MaryPW-00075 |
| 515 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Kristine Vasilevsky | 11/15/2024 | Northside of PL infiltration trench is pooling water. | In Compliance | Site Inspection | 17301 27TH AVE NE MARYSVILLE WA 98271 4745 | WQC-2022-MaryPW |

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| 532 | Source Control Inspection | Repair and Maintenance | Surface Water | Kristine Vasilevsky | 12/18/2024 | Site inspection of drainage concerns from recent engineering project along right of way. Verified pipe connection. Work order made to camera pipe from street to see condition of pipe. | N/A | Site Inspection | 8016 STATE AVE MARYSVILLE WA 98270 6404 | WQC-2022-MaryPW-00075 |
| 534 | Source Control Inspection | Other | Surface Water | Kristine Vasilevsky | 12/18/2024 | Was contacted by PM and cleaned out the storm systems. Did follow up inspection and area was cleared. | In Compliance | Follow-up Inspection | 11430 38TH DR NE MARYSVILLE WA 98271 8433 | WQC-2022-MaryPW-00075 |
| 535 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Kristine Vasilevsky | 12/18/2024 | Follow up inspection. CB cleared of debris. | In Compliance | Follow-up Inspection | 11533 38TH DR NE MARYSVILLE WA 98271 8458 | WQC-2022-MaryPW-00075 |
| 538 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Kristine Vasilevsky | 12/20/2024 | Verified GIS Mapping. No deficiencies noted. | In Compliance | Site Inspection | 3802 116TH ST NE MARYSVILLE WA 98271 8418 | WQC-2022-MaryPW-00075 |
| 536 | Source Control Inspection | Ambulatory Health Care Services and Hospitals | Surface Water | Kristine Vasilevsky | 12/20/2024 | Trash was cleared and no evidence of hazardous materials on site. | In Compliance | Follow-up Inspection | 3806 116TH ST NE MARYSVILLE WA 98271 8418 | WQC-2022-MaryPW-00075 |
| 537 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Kristine Vasilevsky | 12/20/2024 | Catch basins clean and verified GIS mapping. No violations | In Compliance | Site Inspection | 3760 116TH ST NE MARYSVILLE WA 98271 8453 | WQC-2022-MaryPW-00075 |
| 539 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Kristine Vasilevsky | 12/23/2024 | Responded to oil leak in parking lot received from Fire on Friday. Customer backed up into a 55 gallon drum containing used oil from restaurant. Oil was contained by fire and put absorbent on. Parking lot is gravel and SW verified does not connect to MS4. Performed a site inspection and saw no evidence of potential pollution. Facility has oil hauled off site. Advised storing oil under cover. | In Compliance | Site Inspection | 10321 STATE AVE MARYSVILLE WA 98271 7213 | WQC-2022-MaryPW-00075 |
| 540 | Source Control Inspection | Other | Surface Water | Kristine Vasilevsky | 12/24/2024 | Confirmed GIS mapping. No violations observed. | In Compliance | Site Inspection | 8628 36TH AVE NE STE 100 & 101 MARYSVILLE WA 9 | WQC-2022-MaryPW-00075 |
| 541 | Source Control Inspection | Other | Surface Water | Kristine Vasilevsky | 12/24/2024 | Verified GIS Mapping. No violations observed. | In Compliance | Site Inspection | 3943 116TH ST NE MARYSVILLE WA 98271 8448 | WQC-2022-MaryPW-00075 |
| 917 | Source Control Inspection | Other | Surface Water | Kristine Vasilevsky | 12/24/2024 | No violations observed. Verified GIS mappin | In Compliance | Site Inspection | 8630 36TH AVE NE MARYSVILLE WA 98270 7245 | WQC-2022-MaryPW-00075 |
| 918 | Source Control Inspection | Food Services and Drinking Places | Surface Water | Kristine Vasilevsky | 12/24/2024 | Verified GIS Mapping. No violations observed. | In Compliance | Site Inspection | 3943 116TH ST NE STE 107 & 108 MARYSVILLE WA 9 | WQC-2022-MaryPW-00075 |
| 1317 | Source Control Inspection | Other | Surface Water | Kristine Vasilevsky | 12/24/2024 | Confirmed GIS mapping. No violations observed. | In Compliance | Site Inspection | 8629 36TH AVE NE STE 102 MARYSVILLE WA 98270 ; | WQC-2022-MaryPW-00075 |
| 1318 | Source Control Inspection | Other | Surface Water | Kristine Vasilevsky | 12/24/2024 | Verified GIS Mapping. No Violations Observed. | In Compliance | Site Inspection | 3943 116TH ST NE STE 106 MARYSVILLE WA 98271 8 | WQC-2022-MaryPW-00075 |
| 1718 | Source Control Inspection | Food and Beverage Stores | Surface Water | Kristine Vasilevsky | 12/24/2024 | Verified GIS Mapping. No Violations Observed. | In Compliance | Site Inspection | 3947 116TH ST NE MARYSVILLE WA 98271 8419 | WQC-2022-MaryPW-00075 |
| 2118 | Source Control Inspection | Other | Surface Water | Kristine Vasilevsky | 12/24/2024 | Verified GIS Mapping. No Violations observed. | In Compliance | Site Inspection | 3947 116TH ST NE MARYSVILLE WA 98271 8419 | WQC-2022-MaryPW-00075 |
| 2518 | Source Control Inspection | Other | Surface Water | Kristine Vasilevsky | 12/24/2024 | Verified GIS Mapping. No Violations Observed. | In Compliance | Site Inspection | 3947 116TH ST NE MARYSVILLE WA 98271 8419 | WQC-2022-MaryPW-00075 |
| 1319 | Source Control Inspection | Other | Surface Water | Kristine Vasilevsky | 12/27/2024 | Public drains slow to drain. Crew requested to reach out to Property management to perform maintenance. Had to clean out city catch basins. Did an inspection of bottom facility and sent letter. | Out of Compliance, Follow-up Needed | Screening Inspection | 11603 STATE AVE STE A MARYSVILLE WA 98271 846 | WQC-2022-MaryPW-00075 |
| 1719 | Source Control Inspection | Other | Surface Water | Kristine Vasilevsky | 12/27/2024 | Responding to a report for murky water in ditches behind property. SW inspector went out and observed murky water and debris in and around the ditches. Reached out to PM company to alert them. Will follow up early next week to check on status. System does not discharge into MS4 and is contained in the ditch. | Out of Compliance, Follow-up Needed | Site Inspection | 16414 TWIN LAKES AVE MARYSVILLE WA 98271 471; | WQC-2022-MaryPW-00075 |
| 2120 | Source Control Inspection | Other | Surface Water | Kristine Vasilevsky | 12/30/2024 | Site cleaned up. Reason for water discoloration is still being investigated. PM states that there are some ongoing issues with vandalism in the area. Will follow up after the new year to ensure area is cleaned up and maintains clean. | N/A | Follow-up Inspection | 16414 TWIN LAKES AVE MARYSVILLE WA 98271 471; | WQC-2022-MaryPW-00075 |



PUBLIC WORKS
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MEMORANDUM

Date: 10/17/2017
To: Project File
Fr: Brooke Ensor- NPDES Coordinator
Matthew Eyer Storm/Sewer Supervisor
Project: Operations and Maintenance Program
Subject: Alternative Catch Basin Inspection Schedule

Background

The City of Marysville has developed a catch basin inspection and cleaning program. The program is an integral part of the City's effort to promote the health and wellbeing of our citizens, the surrounding environment and comply with the National Pollutant Discharge Elimination System (NPDES) Western Washington Phase II Municipal Stormwater Permit (Permit).

The City's catch basin inspection and cleaning program is managed cooperatively by the Surface Water Division, and the Sewer/Storm Maintenance Division. The GIS Division plays a critical role in data management and analysis. In 2007, the GIS Utility Maintenance Inspection Tool was created for the Storm/Sewer Maintenance Division to utilize in the field. The tool allows each inspection record to be associated to its catch basin by a unique ID number. The vector truck has a laptop computer installed and the Storm/Sewer Maintenance Division is primarily responsible for conducting catch basin inspections.

The condition of the catch basin is recorded using the GIS Utility Maintenance Inspection Tool. The inspector clicks on the catch basin and the inspection form opens. During routine inspections, the inspector visually assesses how much silt is in each catch basin compared to its total capacity. The inspection form allows the silt level conditions to be recorded in one of four categories: 0-25%, 25-50%, 50-75%, and 75-100%. The form is completed then the catch basin is usually cleaned, regardless of the condition. If larger repairs are needed a work order is created in the City's Work Management System database and assigned to the appropriate staff member(s). The data is uploaded from the field laptops to a SQL Server database at regular two-week intervals.

For the 2007-2012 and 2012-2013 Permit terms, the City's MS4 was separated into 7 grids for catch basin inspection and cleaning. In addition to the grid areas, some high traffic sanding routes were inspected and cleaned almost annually. Between 2007 and 2009, large portions of the City's Urban Growth Boundary were annexed and the 7 grids were expanded to encompass those areas.

For the current Permit term, the City's MS4 was separated into four grids (see Figure 3). One grid was planned for each permit year (Aug to Aug) between August 1, 2013 and August 1, 2017.

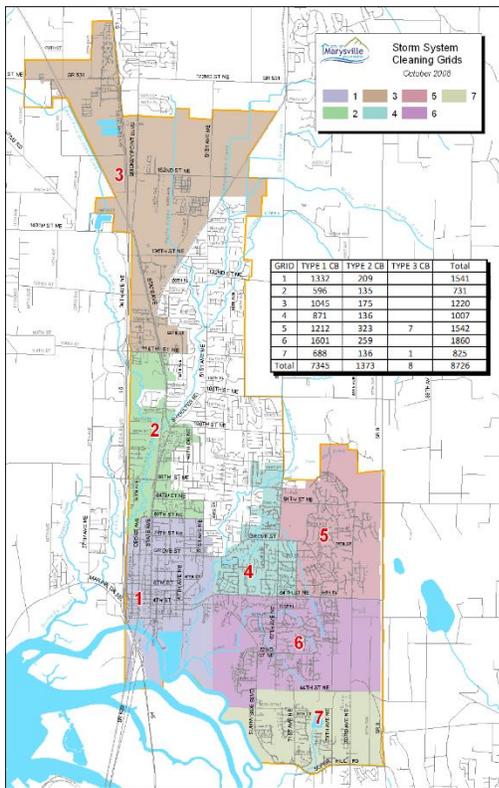


Figure 1. Grids from 2007

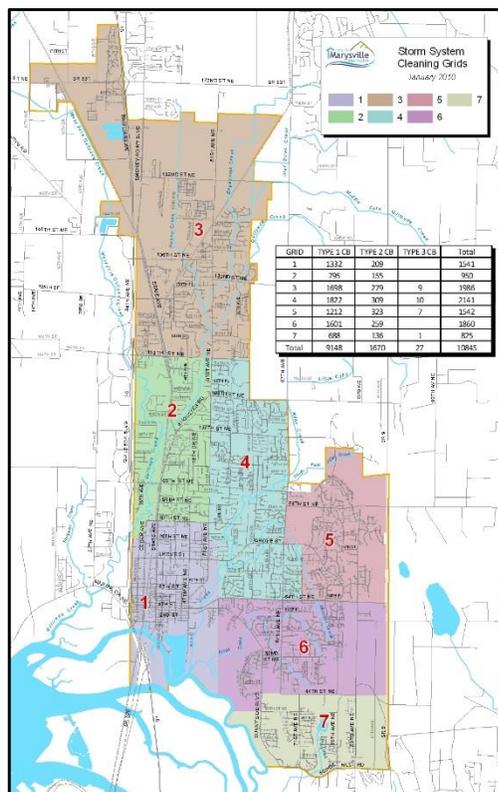


Figure 2. Grids from 2010

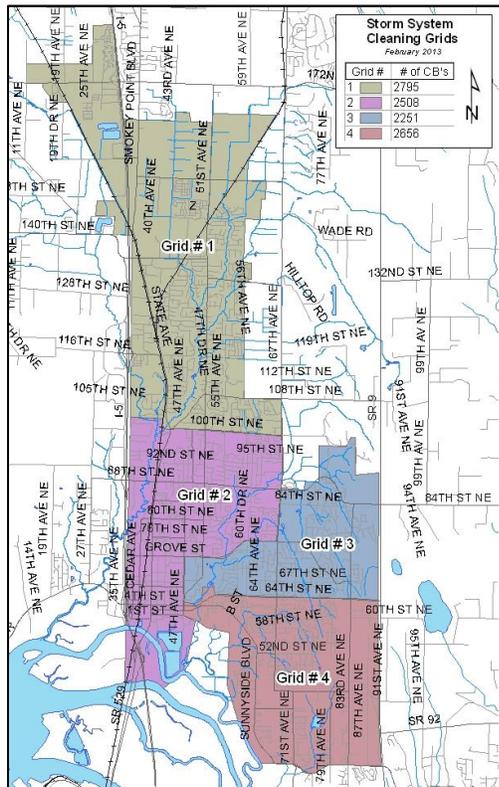


Figure 3. Grids from 2013

Data Review and Results

Over the 10-year period from 2007 to 2017 the Sewer/Storm Maintenance Division recorded over 28,000 measurements. For this report, the earliest measurements were omitted since there was no recorded date for any prior cleanings. Omitting the earliest records leaves only measurements for which there is a known time interval between cleanings - 16,151 total records.

Using python scripting, data was processed into a table containing the number of years between cleanings associated with each of the four silt level categories. The processed data was imported into MS Excel and using the pivot table functions, the following graph was created showing the average number of years between cleanings, silt level category, and the number of recorded measurements in each category.

The results show that catch basins are typically meeting or exceeding the maintenance standards for the first three and a half years. Catch basins exceed the maintenance standard, 60% full sump depth, just after four years.

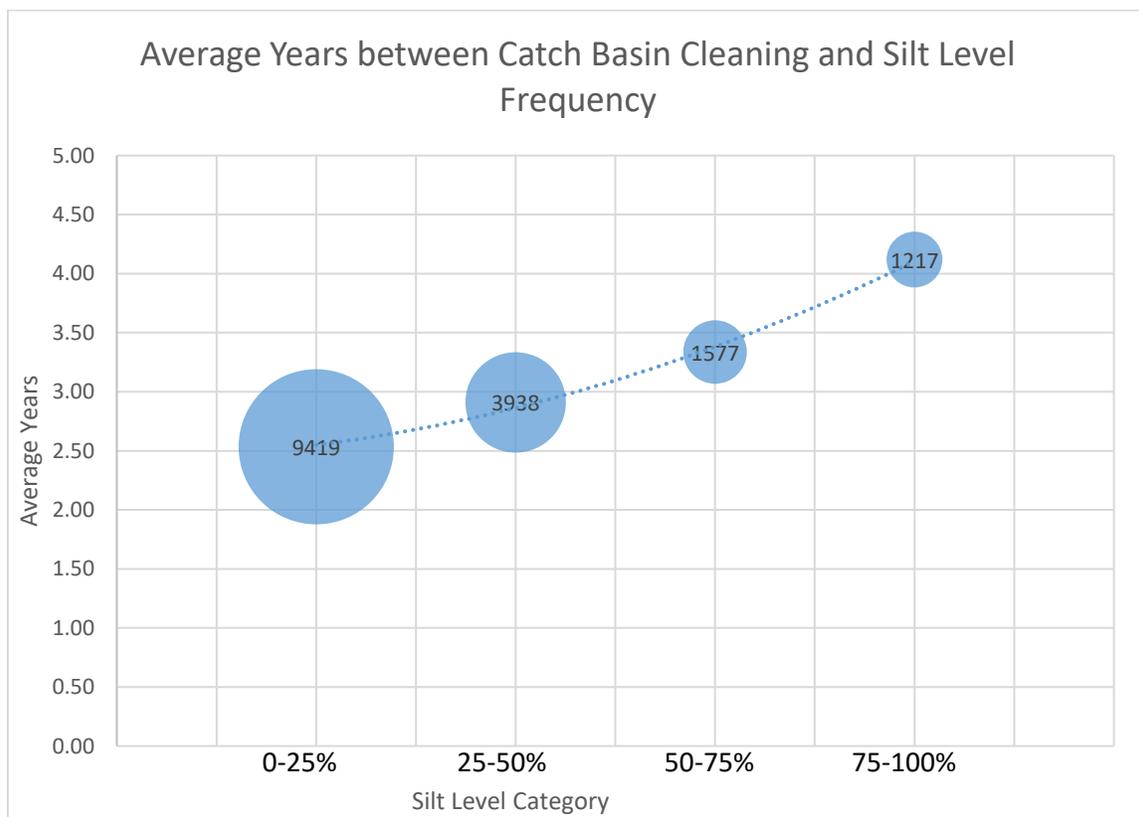


Figure 4. Average Years between Catch Basin Cleaning and Silt Levels

The data shows that 92.5% of the measurements are in the 50-75% or lower categories and that 82.7% of the measurements are in the 25-50% or lower categories. From an empirical standpoint, it indicates that the current schedule of a 4-year cleaning rotation overall and a more frequent cleaning rotation for high-traffic arterials is meeting the current maintenance standard. Below is a graph showing the distribution of silt level frequencies by inspection count.

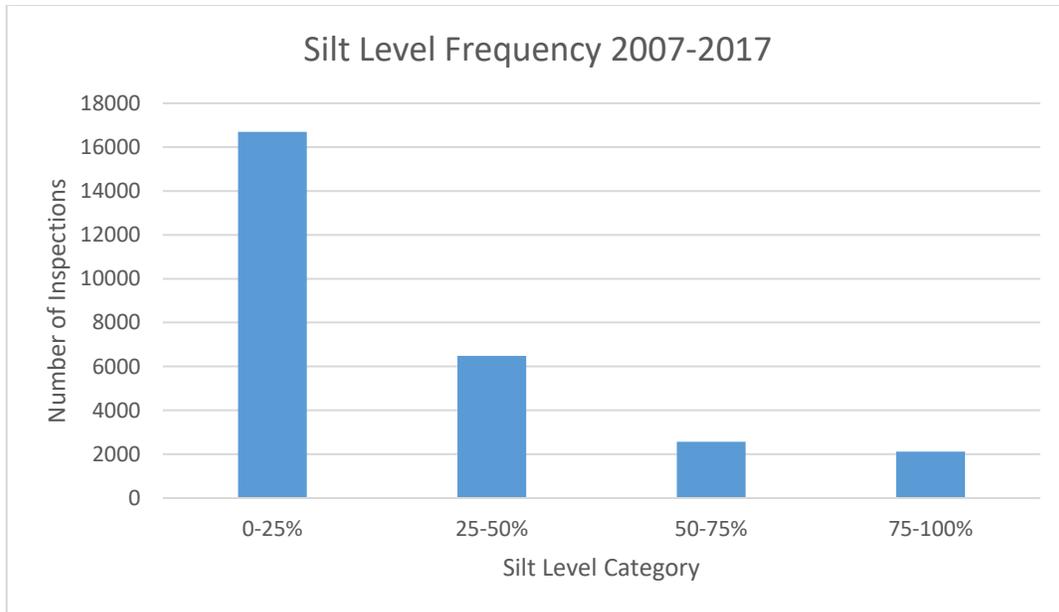


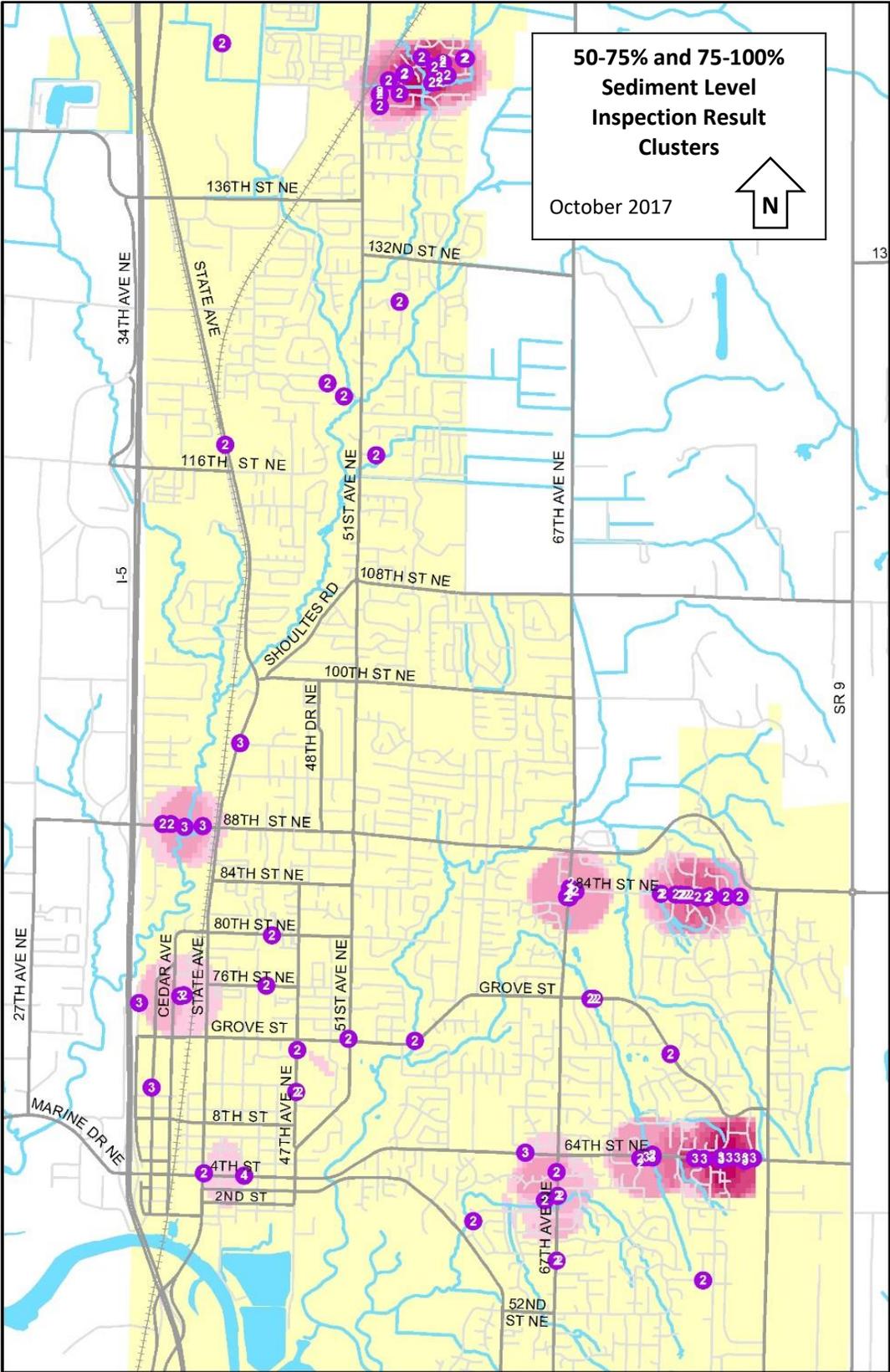
Figure 5. Silt Level Frequency 2007-2017

However, the 75-100% sediment levels, seen after four years, were found in 1,217 catch basins. This represents a small percentage of the total inspections. The overall averages could possibly be improved by addressing areas that are consistently in the 50-75% or higher categories. The following map shows areas with clusters of inspections that had sediment level categories of 50-75% or 75-100%.

Many of these areas are already on the high traffic sanding routes, and inspected and cleaned, after sand is applied in the winter. Some of these routes such as portions of 67th Ave NE, 84th St NE and a portion of 88th St NE will be added to the high traffic route to address these clusters.

**50-75% and 75-100%
Sediment Level
Inspection Result
Clusters**

October 2017

New Schedule

Based on this review the City plans to continue inspecting and cleaning catch basins on a four-year cycle. The grids will be modified and divided into 8 smaller grids. This will allow Surface Water Staff and the Sewer/Storm Maintenance Division smaller areas to track and a specific schedule to complete each grid. The smaller grids will also be verified more frequently to ensure each grid is completed in the allotted time. The high traffic and sanding routes have been expanded and will be treated as an additional route that should be cleaned when sand was applied in the winter.

Table 2. New Grid Schedule

| Grid # | Dates for Completion |
|---------------|--|
| 1 | August 2017 to December 2017 |
| 2 | January 2018 to July 2018 |
| 3 | August 2018 to December 2018 |
| 4 | January 2019 to July 2019 |
| 5 | August 2019 to December 2019 |
| 6 | January 2020 to July 2020 |
| 7 | August 2020 to December 2020 |
| 8 | January 2021 to July 2021 |
| High Traffic | Completed in the Spring when sand is applied during the winter |

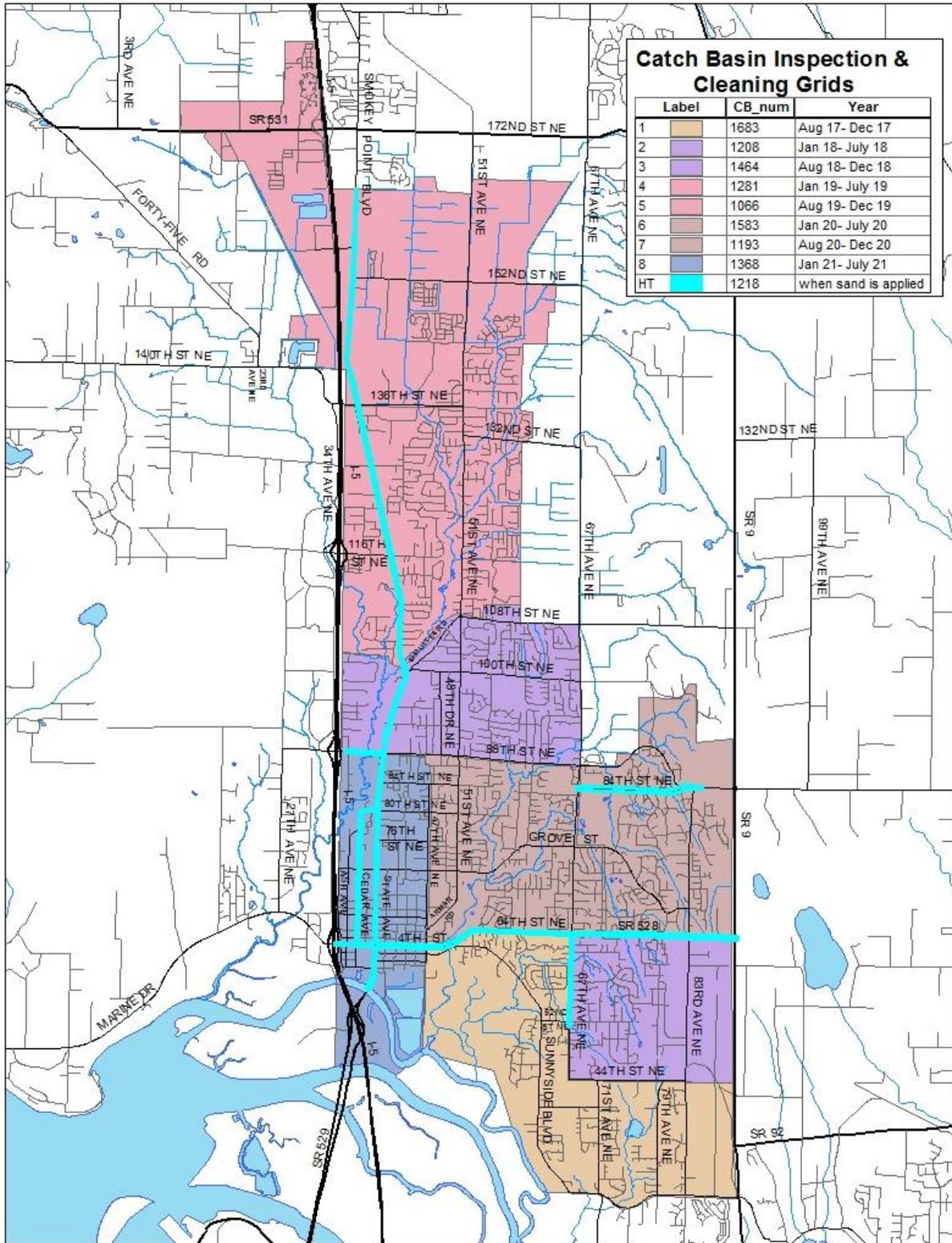


Figure 7. Catch Basin Inspection & Cleaning Grids for 2017 to 2021

2024 TMDL Summary

March 2025

Business Inspections: In 2024, the surface water team inspected all registered animal handling facilities in the city. These facilities were primarily veterinary clinics, and none were found to be significant sources of fecal coliform contamination.

Public Education & Outreach: The City utilized the Poochella event to provide education and outreach materials dealing with fecal coliform and bacterial pollution issues relating to the City's TMDL. Information regarding bacterial pollution problems was made available to the public via Mutt Mitt stations, the City's website, and informational brochures available at City buildings. Pet waste bags were distributed to residents upon request.

Operations & Maintenance: In 2024, the City purchased 12,000 pet waste bags to restock 25 pet waste pickup stations. These bags were utilized along popular dog walking trails, and City parks. The Parks and Streets Department employees picked up the trash at the stations as needed.

Illicit Discharge Detections & Elimination (IDDE): Indicators of bacterial pollution are screening factors under the IDDE program.

Targeted Illicit Connection and Illicit Discharge Detection and Elimination: The city has begun the process of planning for documentation of sampling in high priority areas. The plan will include sampling locations and a sampling schedule. The plan will be adopted by December 31st, 2025.