



# Water Quality Program

## Permit Submittal Electronic Certification

**Permittee:** SPOKANE VALLEY CITY

**Permit Number:** WAR046507

**Site Address:** 11707 E SPRAGUE AVE  
SPOKANE VALLEY, WA99206

**Submittal Name:** MS4 Annual Report Phase II Eastern

**Version:** 1

**Due Date:** 3/31/2025

### Questionnaire

Number	Permit Section	Question	Answer
1	S5.A.4.	Attach updated annual Stormwater Management Program Plan (SWMP Plan) or website address in the Comment field where it can be found. (S5.A.4.)	Not Applicable
1a	S5.A.4.	Cite website of SWMP if unable to attach	<a href="https://www.spokanevalleywa.gov/325">https://www.spokanevalleywa.gov/325</a>
2	S9.D.6.	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.	Not Applicable
3	S5.A.3.a.ii.	Implemented an ongoing program to gather, track, and maintain information per S5.A.3, including costs or estimated costs of implementing the SWMP. (S5.A.3.a.ii)	Yes
4	S5.A.5.b.	Continued to coordinate among departments within the jurisdiction to eliminate barriers to permit compliance. (S5.A.5.b.)	Yes
5	S9.D.4	If applicable, identify other entities relied on to satisfy any of the obligations under the Permit. (S9.D.4)	The city relies on support from Spokane County Water Resources, the Spokane Regional Health Districts Environmental Public Health Division, and the Spokane Aquifer Joint Board to fulfill Education and Outreach requirements.
6	S5.B.1	Were elements of a regional program implemented to complete any part of your education and outreach program? (S5.B.1)	Yes

6a	S5.B.1	If yes, list the elements, and the regional program	See Attachment 07_Description of Public Outreach. Regional Programs are implemented and remain an integral part of the City of Spokane Valley Education and Outreach Program. COSV partners with Spokane County Water Resources, Spokane Regional Health District, and the Spokane Aquifer Joint Board.
7	S5.B.1.a.i.-iii.	Attach a description of public education and outreach program activities, including your priority audiences and subject areas conducted, per S5.B.1.a.i.-iii.	Q07-Description of Public Outr_7_02182025153136
8	S5.B.1.a.ii.	Which types of businesses were prioritized per S.5.B.1.a.ii.?	Restaurants/Grocery Stores, Automotive Facilities, Schools, Nail Salons, or other sectors that the SRHD received complaints on that are Small Quantity Generators.
11	S5.B.2.a.	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. (S5.B.2.a.)	See Attachment 11_Discussion of Opportunities for Public Participation
11a	S5.B.2.a.	Describe the specific public involvement opportunities provided to overburdened communities and, specifically, highly impacted communities. (S5.B.2.a.i)	See Attachment 11_Discussion of Opportunities for Public Participation
12	S5.B.2.b.	Posted the updated SWMP Plan and latest annual report on your website no later than May 31.	Yes
12a	S5.B.2.b.	List the website address in Comments field. (S5.B.2.b.)	<a href="https://www.spokanevalleywa.gov/325">https://www.spokanevalleywa.gov/325</a>
13	S5.B.3.a.	Maintained a map of the MS4 that includes the requirements listed in S5.B.3.a.	Yes
18	S5.B.3.b.	Implemented an ordinance or other regulatory mechanism to effectively prohibit non-stormwater, illicit discharges as described in S5.B.3.b.	Yes
20	S5.B.3.b.vi.	Implemented a compliance strategy, including informal compliance actions as well as enforcement provisions of the regulatory mechanism described in S5.B.3.b. (S5.B.3.b.v)	Yes
21	S5.B.3.c.	Implemented procedures for conducting illicit discharge investigations in accordance with S5.B.3.c.	Yes
22	S5.B.3.c.iv.	Percentage of MS4 coverage area screened in reporting year per S5.B.3.c. (Required to screen 12% on average each year, S5.B.3.c.iv.)	90

22a	S5.B.3.c.iv.	Cite field screening techniques used to determine percent of MS4 screened.	The primary screening technique was through the annual catch basin inspections, outfall inspections, and responses to complaints or notifications from the public, employees, or outside agencies.
23	S5.B.3.c.v.	Describe how you publicized a hotline telephone number for public reporting of spills and other illicit discharges in the Comments field. (S5.B.3.c.v.)	The City's website. The City's Service Request App or <a href="https://www.spokanevalley.org/311">https://www.spokanevalley.org/311</a> . We also direct the public to our stormwater website via Enewsletter posts.
24	S5.B.3.c.vi.	Implemented an ongoing illicit discharge training program for all municipal field staff per S5.B.3.c.vi.	Yes
25	S5.B.3.c.vii.	Informed public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste. Describe actions in Comments field. (S5.B.3.c.vii.)	See Attachment Q25 - IDDE Information to Public 2024
26	S5.B.3.d.	Implemented an ongoing program designed to address illicit discharges, including spills and illicit connections into the MS4 per S5.B.3.d.	Yes
27	S5.B.3.e.	Implemented an ongoing illicit discharge training program for all staff responsible for implementing the procedures and program, as described in S5.B.3.e.	Yes
28	S5.B.3.f.	Attach a report with data describing the actions taken to investigate, characterize, trace and eliminate each illicit discharge found by or reported to the Permittee. The submittal must include all of the applicable information and must follow the instructions, format, and timelines described in Appendix 7. (S5.B.3.f)	WAR046507-2024-ImportedIDDEs_02182025153709
29	S5.B.4.a.	Implemented an ordinance or other regulatory mechanism and enforcement procedures for construction site stormwater runoff control as described in S5.B.4.	Yes
31	S5.B.4.b.	Reviewed site plans for all new development and redevelopment projects as described in S5.B.4.b.	Yes
31a	S5.B.4.b.i.	Number of site plans reviewed during the reporting period. (S5.B.4.b.i.)	5
31b	S5.B.4.b.i.	The number of construction sites that provided their intent to apply for the "Erosivity Waiver" during the reporting period as described in S5.B.4.b.i.	Not Applicable
31c	S5.B.4.b.i.	The number of complaints investigated about sites that have received an "Erosivity Waiver" . (S5.B.4.b.i.)	Not Applicable
31d	S5.B.4.b.i.	Describe any enforcement actions taken as a result of those complaints	Not Applicable

32	S5.B.4.	Implemented procedures for site inspection and enforcement of construction stormwater pollution control measures. (S5.B.4.)	Yes
32a	S5.B.4.c.i.	Number of permitted construction sites inspected during the reporting period. (S5.B.4.c.i.)	7
32b	S5.B.4.	Number of enforcement actions taken during the reporting period based on construction phase inspections at new development and redevelopment projects. (S5.B.4.)	0
33	S5.B.4.d.	Trained the staff involved in permitting, plan review, field inspections, and enforcement for construction site runoff control. (S5.B.4.d.)	Yes
34	S5.B.4.e.	Provided information to construction site operators and design professionals about training available on how to comply with the requirements in Appendix 1 and the BMPs in the SWMMEW, or an equivalent document.	Yes
34a	S5.B.4.e.	Describe information provided in the Comments field. (S5.B.4.e.)	Information is included in every pre-construction meeting and pamphlets are handed out in the field which provide relevant information to meeting the requirements of Appendix 1 and the Spokane Regional Stormwater Manual.
35	S5.B.4.f	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.B.4.f)	Yes
36	S5.B.5.a.	Implemented ordinance or other regulatory mechanism and enforcement procedures to address post-construction stormwater controls runoff to the MS4 from new development and redevelopment as described in S5.B.5.a.	Yes
38	S5.B.5.b.ii.(a)	Allowed non-structural preventive actions and source reduction approaches such as Low Impact Development (LID) techniques to be used. (S5.B.5.b.ii.(a))	Yes
39	S5.B.5.b.ii.(b)	Required projects approved under S5.B.5. to retain runoff generate on-site for, at a minimum, the 10-year, 24-hour rainfall event or a local equivalent, using either on-site or regional stormwater facilities. (S5.B.5.b.ii.(b) (2))	Yes
41	S5.B.5.e.	Inspected post-construction stormwater controls, including structural BMPs, at new development and redevelopment sites. (S5.B.5.e.)	Yes
41a	S5.B.5.e.i.	Number of new and redeveloped sites inspected during installation of structural BMPs during the reporting period. (S5.B.5.e.i)	7

41b	S5.B.5.e.i.	Number of new and redeveloped sites inspected upon final installation of BMPs or upon completion of the project during the reporting period. (S5.B.5.e.i.)	7
42	S5.B.5.e.ii.	Inspected structural BMPs at least once every five years after final installation. (S5.B.5.e.ii.)	Yes
42a	S5.B.5.e.ii.	Number of BMPs inspected during the reporting period.	11
43	S5.B.5.e.	Number of enforcement actions taken as a result of these inspections during the reporting period? (S5.B.5.e.)	0
44	S5.B.5.f.	Trained the staff involved in permitting, plan review, inspection, and enforcement for post-construction stormwater control. (S5.B.5.f.)	Yes
45	S5.B.5.f.	Provided information to design professionals about training available on how to comply with the requirements in Appendix 1 and apply the BMPs in the SWMMEW, or an equivalent document. (S5.B.5.f.)	Yes
45a	S5.B.5.f.	Describe information provided and cite the manual used	Information is included in every pre-construction meeting and booklets are handed out to design professionals which provide relevant information to meeting the requirements of Appendix 1 and the Spokane Regional Stormwater Manual.
46	S5.B.6.a.	Implemented the schedule of Operation and Maintenance activities for municipal operations. (S5.B.6.a.)	Yes
46b	S5.B.6.a.i.(f)	Have NPDES permit coverage for all applicable Permittee construction projects. (S5.B.6.a.i.(f))	Yes
46c	S5.B.6.a.i.(g)	Have NPDES permit coverage for all applicable Permittee industrial facilities. (S5.B.6.a.i.(g))	Yes
47	S5.B.6.a.i.(h)	Implemented 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 an NPDES permit that covers stormwater discharges associated with the activity. (S5.B.6.a.i.(h))	No
48	S5.B.6.a.ii.(a)	Inspected stormwater treatment and flow control facilities (except catch basins) owned or operated by the Permittee at least once every two years. (S5.B.6.a.ii.(a))	Yes
48a	S5.B.6.a.ii.(a)	Number of known stormwater treatment and flow control facilities (except catch basins) owned or operated by the Permittee.	2
48b	S5.B.6.a.ii.(a)	Number of facilities inspected during the reporting period.	2
48c	S5.B.6.a.ii.(a)	Number of facilities for which maintenance was performed during the reporting period.	1

49	S5.B.6.a.ii.(a)	Attach documentation of alternative stormwater treatment and flow control facilities inspection frequency, if used, per S5.B.6.a.ii.(a).	Not Applicable
50	S5.B.6.a.ii.(b)	Inspected municipally owned or operated catch basins and inlets at least once every two years or used an alternative approach. (S5.B.6.a.ii.(b))?	Yes
50a	S5.B.6.a.ii.(b)	Number of known catch basins and inlets owned or operated by the Permittee.	124
50b	S5.B.6.a.ii.(b)	Number of catch basins and inlets inspected during the reporting period.	111
50c	S5.B.6.a.ii.(b)	Number of known catch basins and inlets cleaned during the reporting period.	48
51	S5.B.6.a.ii.(b)	Attach documentation of an alternative catch basin inspections approach, if used. (S5.B.6.a.ii.(b))	Not Applicable
52	S5.B.6.a.ii.(c)	Conducted spot checks of stormwater facilities after major storms. (S5.B.6.a.ii.(c))	Not Applicable
57	S5.B.6.c.	Trained the staff with primary construction, operations, or maintenance job functions that are likely to impact stormwater quality. (S5.B.6.c)	Yes
58	S7.A.	Complied with the Total Maximum Daily Load (TMDL)-specific requirements identified in Appendix 2. (S7.A.)	Not Applicable
59	S7.A.	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.)	Not Applicable
61	S8.A	Notified Ecology of the option selected by December 1, 2024: S8.B.3.a, S8.B.3.b, or S8.B.3.c.	Yes
62	S8.B.3	Did Permittees choose option S8.B.3.a:	No
65	G3.	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.)	Not Applicable
66	G3.A.	Took appropriate action to correct or minimize the threat to human health, welfare, and/or the environment per G3.A.	Yes
66a	G3.A.	Actions taken to correct or minimize the threat to human health, welfare, and/or the environment per G3.A.	There was no discharge into or from the City's MS4 during the reporting period.
67	G20.	Notified Ecology of the failure to comply with the permit terms and conditions within 30 days of becoming aware of the non-compliance. (G20.)	Not Applicable
68	G20.	Number of non-compliance notifications provided in reporting year. (G20.)	0
69	S4.F.1.	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.)	No

70	S4.F.3.a.	If requested, submitted an Adaptive Management Response report in accordance with S4.F.3.a.	No
71	S4.F.3.d.	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.)	Not Applicable

*I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.*

Robert Blegen

2/20/2025 7:25:13 AM

Signature

Date

# 2025 MS4 STORMWATER MANAGEMENT PROGRAM (SWMP) PLAN

IN COMPLIANCE WITH THE EASTERN WASHINGTON PHASE II MUNICIPAL  
STORMWATER PERMIT



City of Spokane Valley  
Public Works Department  
Stormwater Utility

March 2025





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## Document Purpose

The city's Stormwater Management Program (SWMP) Plan is a set of actions and activities the City of Spokane Valley takes to meet the requirements under the National Pollution Discharge Elimination System (NPDES) Eastern Washington Phase II Municipal Stormwater Permit (Permit). The SWMP plan specifically lists the requirements under section S5 of the Permit and how the City has and will continue to meet the requirements through its actions and goals. The 6 program elements under section S5 are:

1. Public Education and Outreach
2. Public Involvement and Participation
3. Illicit Discharge Detection and Elimination
4. Construction Site Stormwater Runoff Control
5. Post-Construction Stormwater Management for New Development and Redevelopment
6. Municipal Operations and Maintenance

The SWMP Plan is updated annually by city Stormwater Utility (Utility) staff, with input from the public and management for various activities and projects that the Utility performs.

The current year plan and other related documents are available on the city's Stormwater website:  
<http://www.spokanevalley.org/stormwater>

The City of Spokane Valley is required to comply with State and Federal stormwater regulations related to the Safe Drinking Water Act and the Clean Water Act to improve and protect water quality.

## Surface Water Protection, Clean Water Act

- In 1972, Congress enacted the Clean Water Act (CWA) and charged the Environmental Protection Agency (EPA) with restoring the nation's waters to fishable and swimmable conditions. Under the CWA, point source discharges, or pollution released at a specific point, to the nation's waters require National Pollution Discharge Elimination System (NPDES) permits. In 1987, Congress broadened the CWA definition of "point source" to include municipal separate storm sewer systems (MS4s).
- The 1987 expansion of the CWA was promulgated in two phases; the City of Spokane Valley fell under the second phase and is regulated by the Washington State Department of Ecology (Ecology) on behalf of the EPA. On January 17, 2007, Ecology issued to the City the "Eastern Washington Phase II Municipal Stormwater Permit". The Permit requires the City to address the quality of its stormwater discharged through the outfalls the City owns to surface waters of the State.
- Seventeen other cities and six counties in eastern Washington are also covered under the Permit.
- Permits are issued every 5 years. The first Permit term became effective February 16, 2007, and expired July 31, 2014. The second Permit term became effective August 1, 2014, and expired July 31, 2019. The third Permit term became effective August 1, 2019, and expired July 31, 2024. City operations are currently authorized under the fourth Permit term that became effective August 1, 2024, and expires July 31, 2029.
- The first Permit term was designed to give jurisdictions an opportunity to develop their SWMPs and prepare for the subsequent terms which require additional actions and an increased level of management and oversight. Since inception, the City has been developing its SWMP in accordance with the requirements of the Permits, including adoption of new ordinances, policies and procedures, contractor specifications, purchasing equipment, and staff training.

The current Permit can be viewed in its entirety on Ecology's website below.

[https://ecology.wa.gov/Regulations-Permits/Permits-certifications/Stormwater-general-permits/Municipal-stormwater-general-permits/Eastern-Washington-Phase-II-Municipal-Stormwat-\(1\)](https://ecology.wa.gov/Regulations-Permits/Permits-certifications/Stormwater-general-permits/Municipal-stormwater-general-permits/Eastern-Washington-Phase-II-Municipal-Stormwat-(1))

## Drinking Water Protection, Safe Drinking Water Act

- Congress enacted the Safe Drinking Water Act (SDWA) in 1974 to protect public health by regulating the nation's drinking water supply through the EPA. Under the SDWA, the EPA designated the Spokane Valley-Rathdrum Prairie as one of the nation's first Sole Source Aquifers.
- The SDWA established the Underground Injection Control (UIC) Program to safeguard underground sources of drinking water. The EPA delegated UIC authority in 1984 to Ecology.
- Most of the city's streets discharge runoff through drywells, which are underground drain fields considered by Ecology to be UICs, therefore most all the City of Spokane Valley falls under regulations administered by Ecology's UIC program WAC 173-218.

- According to WAC 173-218-070, all owners (both public and private) of UIC wells are required to register their well(s) with Ecology, which includes the requirement to implement best management practices (BMPs) to protect groundwater quality.
- The City has managed its UIC SWMP since its incorporation in 2003. Application of the current program has allowed the City to receive rule-authorization for all registered new and existing UICs. In 2020-2021, the City developed a UIC SWMP plan to represent the program. The latest version of the city's UIC SWMP can be found on the city's Stormwater website:  
<http://www.spokanevalley.org/stormwater>

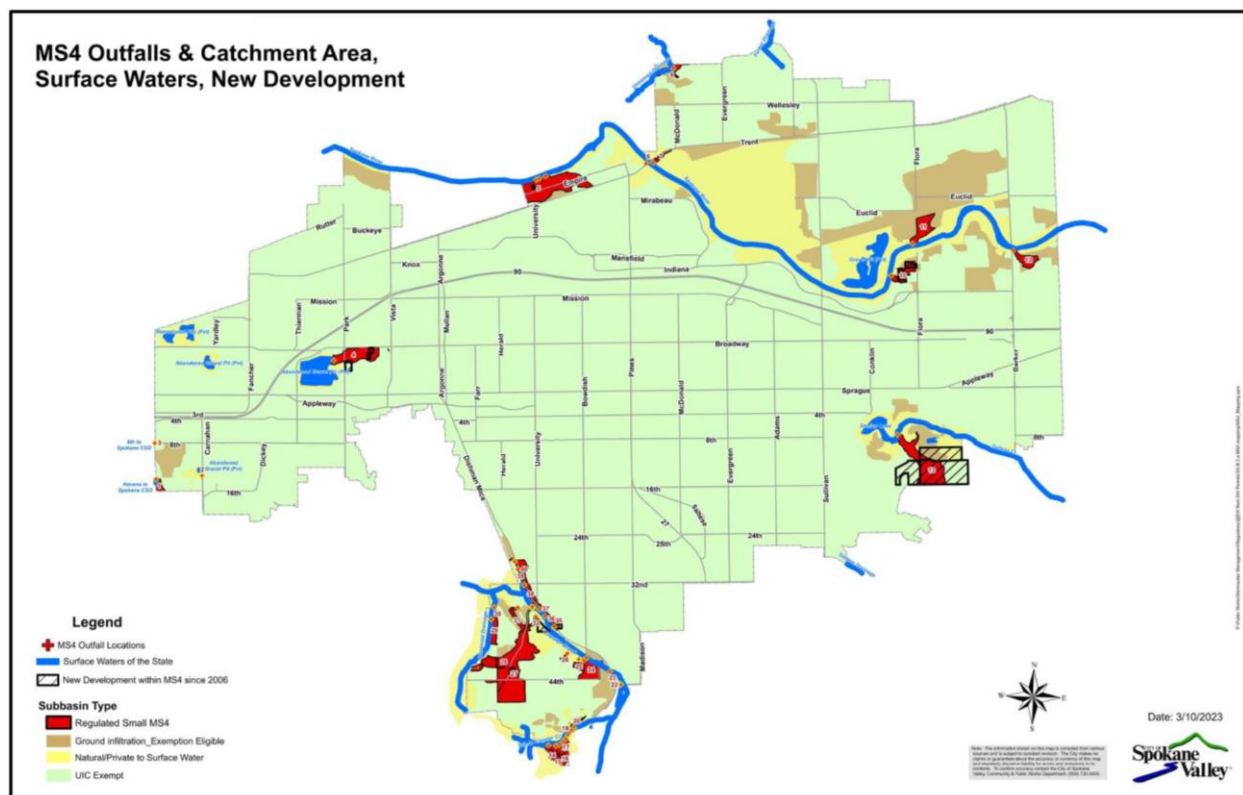
## Water Quality

Stormwater runoff is rainfall or snow melt that flows over the ground surface. It is created when rain falls on roads, driveways, parking lots, rooftops and other paved surfaces that do not allow water to soak into the ground. As it runs off these surfaces, pollutants like heavy metals, oils, fertilizers, and pesticides are collected. These pollutants are harmful to our environment, particularly waters such as the Spokane River or Spokane Valley-Rathdrum Prairie Aquifer.

According to Ecology, stormwater runoff is the leading threat to Washington's urban waters, streambeds, banks, and habitats. Keeping Waters of the State clean and protected from runoff that could be carrying pollutants is very important, which is why the City engages in and updates its annual SWMP Plan.

Because of the relatively unique geologic conditions within city limits, approximately 98.5% of the city's stormwater infiltrates into the ground, is taken up by plants, or is discharged by UICs. The city's UIC SWMP Plan manages these areas where city infrastructure infiltrates into the ground and does not have the potential to outfall to surface waters.

This SWMP applies to the stormwater facilities classified by the EPA as municipal separate storm sewer systems (MS4s), which covers approximately 1.5% of the City. This area was modeled to identify which areas of the City drain to surface waters of the state during the 100-year rain event (shown in Figure 1). Even though this SWMP covers a small percentage of the city's geographic area, the many actions and goals are applied city-wide and overlap with program elements in the city's UIC SWMP.



*City map of MS4 regulated areas and areas which do not drain to surface waters (UIC Exempt).*

## Establishment of Storm and Surface Water Utility

Stormwater management efforts have existed in the Spokane Valley area ever since the earliest settlers manipulated the landscape with the construction of irrigation canals, agricultural fields and roads. Continued development over the past century has added additional roads, neighborhoods, and commercial and industrial zones, infilling previous undeveloped areas. Alongside the natural development and added populations, a better understanding of the negative impacts of stormwater on natural waterbodies has pushed new legislation and laws to further protect surface and groundwaters. Since incorporation, the city's Stormwater Utility has existed with goals to:

- Protect the quality of the Spokane Valley-Rathdrum Prairie aquifer
- Protect the quality of local streams, lakes, rivers, and wetlands
- Mitigate flooding
- Reduce erosion from stormwater
- Protect and preserve public drainage infrastructure

To support the activities of the city's Storm and Surface Water Management Program and to track associated costs, the City Council formed a Storm and Surface Water Utility (Utility) and corresponding financial enterprise fund. The Utility was formed when the City incorporated on March 31, 2003. The Spokane Valley Municipal Code (SVMC) [Chapter 3.80](#) outlines the establishment of the Utility. This provides a permanent tracking and financial planning mechanism as part of the city's overall budget development process.

Utility fees are collected based on the amount of impervious surface area on developed properties within the City. For 2025, residential units pay \$61.00/year and commercial properties are charged \$61.00 per 3,160 square feet of impervious surfacing on the property. See the stormwater website [www.spokanevalley.org/stormwater](http://www.spokanevalley.org/stormwater) for more information about the city's Stormwater Utility.

## City Ordinances, Codes, and Adopted Standards

The City enacted ordinances and codes that address runoff pollution protection such as: illicit discharge detection and elimination (IDDE), runoff from construction sites, and post-construction stormwater management. The City adopted Stormwater Management Regulations which can be found in [Chapter 22.150](#) of SVMC. The City also adopted the [Spokane Regional Stormwater Manual](#) (SRSM) which establishes the stormwater requirements for new development, redevelopment, maintenance, and capital projects. The [City of Spokane Valley Street Standards and Plans](#) (SVSS) also establish the minimum design and construction standards for all street related improvements that convey, collect, store, and treat stormwater runoff.

The enforcement of these regulations for private development is regulated through the permitting process, staff reviews & inspections, and through citizens reporting issues. When necessary, the City actively utilizes its Compliance and Enforcement rules that are found in [Chapter 17.100](#) SVMC to assist in conformity with its stormwater regulations.



# Stormwater Management Program (SWMP) Plan

## General Program Administration (including S5.A. and S9)

The City of Spokane Valley has developed and implements this Stormwater Management Program (SWMP) as it pertains to regulated MS4 areas. The SWMP Plan is a set of actions and activities comprising the components listed in S5 of the Permit. The 2025 actions and activities will include:

### 2025 Continued Actions and Activities

- Complete the 2025 SWMP Plan by March 31.
- Implement the SWMP to reduce the discharge of pollutants from the regulated small MS4 to satisfy Water Pollution Control per RCW 90.48.
- Continue ongoing program of gathering, tracking, maintaining, and using information to evaluate SWMP.
- Continue internal coordination mechanisms to assure compliance with Permit requirements.
- Coordinate with Ecology on Permit implementation.
- Coordinate with other permittees through participation in the Eastern Washington Stormwater Group.

### Program Goals For 2025

- Continue the implementation schedule for the 2024-2029 Eastern Washington Phase II NPDES Permit for new and continued Permit requirements.
- Develop additional coordination mechanisms and efforts with other jurisdictions where MS4s are interconnected.
- Update the MS4 SWMP to better measure and define each area of the program to see what is needed for continuous improvement, which may include increases or decreases in service levels.

## Public Education and Outreach (S5.B.1.)

The City of Spokane Valley implements a public education and outreach program to educate the community and priority audiences about the impacts of stormwater discharge to surface waters and the steps to take to reduce pollutants to stormwater.

The City has a variety of education and outreach efforts targeted at general public, businesses, engineers, construction contractors, developers, and planners. These efforts resulted in thousands of people hearing and learning about the effects of stormwater and the water bodies around us.

### General Public

General public efforts include, but are not limited to, participation by the city's Stormwater Utility, Spokane County Water Resources, and the Spokane Aquifer Joint Board. Activities include community events, meetings and education, billboards, city media releases, websites, citizen inquiries, and construction project neighborhood meetings.

Through Aquifer Protection Area (APA) funds, the City supports the [Spokane County Water Resources](#) education program which reaches out to hundreds of school age children and teachers in Spokane Valley. This includes field trips to their Water Resources Learning Center, the [Doris Morrison Learning Center](#) at Saltese Wetlands, and visits to Central Valley School District classrooms. Full time water resource educators teach a wide range of students about the water cycle both in the watershed and in our engineered environment, and how humans use and impact this system. Students learn about locally relevant water education and promote stewardship of water quality and quantity. Not only are classes educational, but educators provide a fun and memorable experience for students.

### Businesses

Spokane Valley Stormwater Utility and Spokane Regional Health District visit local business to provide applicable information regarding prevention of illicit discharges, proper management of waste disposal,



*Pictured: Students at the Doris Morrison Learning Center learn about “Freddy the fish” and how different stormwater pollutants impact his ecosystem.*

and the use and storage of chemicals. Activities include Local Source Control visits and fats, oils, and grease outreach.

## Engineers, Contractors, Developers, and Planners

City staff educates property owners, developers, engineers, and contractors on requirements of the SRSM, communicates upcoming training events, notifies applicants of the need to obtain Washington State Construction Stormwater General Permits, and notifies applicants of the 60-day registration requirement for new Underground Injection Control (UIC) drywells.

In partnership with the Washington Stormwater Center, the City worked to develop two educational documents targeted for two groups:

1. Engineers, development review staff, land use planners and
2. Construction contractors.



*Pictured: Stormwater Management Requirements Overview Brochure for Engineers, Development Review Staff, and Land Use Planners and Municipal Stormwater Management Overview Booklet for Construction Contractors.*

These template documents were tailored specifically to Spokane Valley and are distributed during preconstruction meetings and as requested by the city's construction inspector and posted on the city's stormwater webpage.

## 2025 Continued Actions and Activities

- Partner with multi-jurisdictional agencies to educate the public about the importance of water quality protection and the impacts of stormwater discharge and the steps that can be taken to reduce pollutants in stormwater. These agencies may include:
  - Spokane County Water Resources
  - Spokane Regional Health District
  - Spokane Aquifer Joint Board (SAJB)
  - Idaho Washington Aquifer Collaborative (IWAC)
  - EnviroCertified Steering Committee
- Post quarterly education stormwater information through the city's ENewsletter to reach the general public and businesses. Postings will include information on topics such as:
  - The importance of water quality protection
  - Potential impacts from stormwater discharges
  - methods to avoid, reduce and/or eliminate adverse impacts of stormwater discharges
  - Proper management of waste disposal
  - Use and storage of chemicals
  - Actions the public/businesses can take to improve water quality

## Public Education and Outreach Goals For 2025

- Update educational resources available on the city's stormwater webpage.

- Continue developing a more coordinated plan between the Utility and Spokane Regional Health District to provide education and outreach to targeted businesses best management practices, proper management of waste disposal and source control to prevent illicit discharges to surface water.
- Partner with Spokane County and City of Spokane in the Spokane Regional Grass Roots Stormwater Stewardship Campaign, a multi-media public education and outreach campaign.

## Public Involvement and Participation (S5.B.2.)

The City of Spokane Valley provides for ongoing public involvement and participation through several documented opportunities.

### 2025 Continued Actions and Activities

- Coordinate internally with public communications staff to improve the city's efforts to allow the public to provide feedback on the SWMP and the city's Stormwater Utility operations.
- Post 2025 SWMP Plan on the city's stormwater website by May 31.
- Post Phase II Municipal Stormwater Permit Annual Report on website by May 31.
- As needed, prepare for and attend City Council meetings.
- As needed, prepare for and attend planning commission meetings.
- Coordinate with city staff regarding regulatory requirements.
- Communicate with the public and response to citizen complaints regarding city's stormwater programs.
- Keep records of public communication and response to citizen complaints in QAlert.
- Respond to public records requests.
- Respond to public inquiries regarding the city's stormwater program.

### Public Involvement and Participation Goals For 2025

- Include public involvement and participation efforts in the development of a stormwater outreach plan to improve ways to involve the public in the development, implementation, and update of the SWMP.
- Coordinate with the City of Spokane and Spokane County on coordinated outreach to overburdened communities across the 3 jurisdictions.

## Illicit Discharge Detection and Elimination (S5.B.3.)

### IDDE Program Plan

The City operates an IDDE Program Plan which documents how the City works to prevent, detect, characterize, trace, and eliminate illicit discharges and connections to the city stormwater systems. Program goals are to:

1. Meet regulatory requirements.
2. Identify, prevent, or stop actual and potential ID/ICs from harming local surface and groundwaters.
3. Document procedures for responding to hazardous/emergency and non-hazardous/ emergency spills within city limits.
4. Educate the public on the state laws and local codes for allowable, conditionally allowable, and prohibited discharges into stormwater and natural waterbody systems.
5. Utilize enforcement procedures to cause behavioral change or, if necessary, abate and remediate water quality threats to city-owned stormwater systems.
6. Notify other authoritative agencies of IDDE cases they are responsible for regulating.

The plan can be found in the Resources list at <https://www.spokanevalleywa.gov/325>. Included in the plan are field screening and source tracing methodologies that staff take when dealing with potential or actual illicit discharges or connections. It also includes an illicit discharge or connection response plan which guides staff through proper steps to take when an illicit discharge or connection is found, including timelines, location variables, how to identify the polluter, enforcement actions, and reporting and recordkeeping requirements. See Appendix A for the IDDE Screening, Tracing, and Response Plan.

### Spill Response

The IDDE Program Plan also includes procedures on spill response. Spills are unplanned releases of materials and are the most common illicit discharge in Spokane Valley. Spill events can widely vary depending on the severity of the situation. Quantity, type, location, and the possible/actual threat to health and/or the environment will all drive the response for containment and clean up. See Appendix B for the Stormwater Spill Response Plan.

The City has generalized spills into two categories: Emergency/hazardous spills and non-emergency/non-hazardous spills.

#### Emergency Spills

Emergency spills are situations where a spill is involved in an emergency that involves fire, paramedic, police, or other first responders where there are human safety concerns. Typical emergency spills deal with vehicle collisions or firefighting incidents. Just as emergency situations vary in severity, so also are the severity of emergency spills.

#### Hazardous Spills

Hazardous spills can also be emergency spills but involve spills that are large quantities of hazardous or dangerous materials and can be an actual or potential threat to human health, safety, or the environment.

### Non-Emergency or Non-Hazardous Spills

Non-emergency or non-hazardous spills are real or potential illicit discharges to stormwater systems or waters of the state that do not pose an immediate threat to human health, welfare, or the environment. The City has set a threshold of less than 30 gallons spilled to be considered non-emergency or non-hazardous. The City typically handles these spills either with stormwater staff, city maintenance staff, or contracted companies with the City for vector, cleaning, and disposal.

### City Response and Clean Up

The City has both interest and responsibility for the response and clean-up of spills on city property, city right of way, and to city owned/maintained stormwater systems. If a spill is on private property or within another's jurisdiction (such as WSDOT) and has no potential to impact city responsible areas, then the City is not the authoritative agency to respond and clean up the spill. In the case a spill is on private property, the City will contact the Department of Ecology to be the lead agency for spill response clean up. The City will also contact other agencies depending on the situation. This may include the Spokane Valley Fire District, Spokane County Emergency Management, or EPA National Response Center. Stormwater staff provides Illicit Discharge Detection and Elimination incident-specific information through the Department of Ecology WQwebIDDE Incident Reporting portal.



*Pictured: Fuel Spill on Broadway Avenue Contained by Spokane Valley fire Department.*

### Mapping Requirements

The City maintains a map of its stormwater system and all elements required by the NPDES permit under S5.B.3.a-vii. These mapping layers include:

- Known outfalls and known discharge points including each size and material, where known.
- Receiving waters, other than ground.
- Areas served by the MS4 that discharge to ground.
- Permanent stormwater facilities owned or operated by the Permittee.
- All connections to the MS4 authorized or approved by the Permittee after August 1, 2019
- All known connections from the MS4 to a privately owned stormwater system.
- Connections between the MS4 owned and operated by the Permittee and other municipalities or public entities.

These layers are crucial to not only asset management, but in tracing illicit discharges or connections. The City annually updates mapping as new public and private infrastructure is constructed, abandoned, or existing structures are discovered through field inspections and in-office mapping exercises.



City stormwater structures can be viewed using the Spokane Valley Viewer online mapping application here: <https://www.spokanevalleywa.gov/267>. Other mapping layers are available upon request.

### IDDE Training

All city staff who might encounter or observe an illicit discharge go through IDDE training annually. IDDE training outlines the characteristics of an illicit discharge/connection, what is and what is not an allowable discharge, and the proper reporting procedures for each situation. Training materials are updated on an as-needed basis.

### 2025 Continued Actions and Activities

- Document through the WQwebIDDE portal all responses to illicit discharge and connection.
- Investigate potential illicit discharges through facility inspections, outfall inspections, storm drain cleaning program, and through public involvement.
- Screen for potential illicit discharges through field assessment of known outfalls.
- Continue training city staff in illicit discharge detection and elimination.
- As necessary, apply enforcement strategies per Chapter 17.100 SVMC.
- Provide education and outreach information about IDDE via city-wide email list, website, and social media platforms.
- Execute procedures for response, investigation, tracing, notification, providing technical assistance, and follow up inspections per illicit discharge response plan and spill plans.

### Illicit Discharge Detection and Elimination Goals For 2025

- Share the mapping layers via a webmap posted on the city's stormwater web page.
- Coordinate with the Spokane Regional Health District to provide education and outreach to targeted businesses regarding illicit discharge to MS4.
- Assess current training programs and update if needed.
- Assess current field screening procedures to identify IDDE potential sources and update if needed.



## Construction Site Stormwater Runoff Control (S5.B.4.)

The City of Spokane Valley implements and enforces a program to reduce pollutants in any stormwater runoff to the MS4 from construction activities that disturb one acre or more and from construction projects of less than one acre that are part of a larger common plan of development or sale. The requirements of this program apply to both public and private projects.

### 2025 Continued Actions and Activities

- Require erosion and sediment controls at new development and redevelopment projects per the requirements of Chapters 22.130, 22.150, and 24.50 of SVMC, SVSS Chapter 4.9, and the SRSM.
- Adhere to Chapter 22.150 SVMC, Chapter 24.50 SVMC and the SRSM to comply with erosion and sediment control requirements.
- Require qualified Certified Erosion Sediment Control Lead trained (CESCL) personnel conduct the inspections of construction phase best management practices on properties that meet the regulatory threshold that discharge to the MS4.
- Review private development site plan as part of the permitting process for potential water quality impacts per Chapter 22.150 SVMC, SVSS Chapter 4.8 and SRMS Chapter 9.
- Provide information of available training through the permitting application process and the Utility website.
- Retain inspection records for private development, building permits and capital improvement projects.

### Construction Site Stormwater Runoff Control Goals For 2025

- Assess current training programs and update if needed.

## Post-Construction Stormwater Management (S5.B.5.)

The City of Spokane Valley implements and enforces a program to address post-construction stormwater runoff to the MS4 from new development and redevelopment projects, that disturb one acre or more. Both public and private projects shall be included in this program.

### 2025 Continued Actions and Activities

- Ensure that private projects incorporate best management practices that protect water quality, provide flow control, and provide source control per Chapter 22.150 SVMC, the SRSM, and SVSS Chapter 4.
- Implement best management practices that protect water quality and prevent impact with capital improvement projects to per Chapter 22.150 SVMC, the SRSM and SVSS Chapter 4.
- Inspect post-construction stormwater control on private projects per Chapter 22.150.060 SVMC and the private development Permit requirements.
- Comply with post-construction stormwater control requirements on public projects through inspection by following procedures in the city's operation and maintenance plan.
- Continue to adhere to Chapter 22.150.040 SVMC and the basic requirements of the SRSM to meet requirements of Appendix 1 of the Permit.
- Continue to preserve the natural locations of drainage systems per Section 8.3.4 of the SRSM.
- When feasible, allow low impact development in accordance with Chapters 2 and 6 of the SRSM.
- Ensure proper implementation, operation and maintenance, and inspection of water quality, flow control and source control BMPs through SVMC 22.150 and the SRSM.
- When necessary, apply enforcement strategies per Chapter 17.100 SVMC.
- Review private development site plans to ensure they meet the regulatory threshold per Chapter 22.150 SVMC and the SRSM.
- Implement procedures for inspection of post construction per Chapter 22.150.090 SVMC and SVSS Chapter 9.
- Provide training information to design professionals and city staff through process and procedural references to the SRSM.
- Maintain records of projects disturbing one acre or more.

### Post-Construction Stormwater Management Goals For 2025

- Review GIS data for stormwater facilities and update as needed.

## Municipal Operations and Maintenance (S5.B.6.)

The City of Spokane Valley implements an operation and maintenance program for its regulated MS4 areas to prevent or reduce pollutant runoff from municipal operations into surface waters of the state. For those areas within city limits that are outside the regulated MS4 areas, the City implements a separate UIC O&M plan to ensure compliance with other state regulations.

### 2025 Continued Actions and Activities

- Execute the city's Stormwater Operations and Maintenance (O&M) Plan.
- Develop long term plan to manage maturing infrastructure.
- Perform, evaluate and modify as necessary the inspection cycles of city treatment and flow control facilities and catch basins.
- As needed, check city stormwater treatment and flow control facilities after major storm events (10-yr, 24-hr storm event or larger).
- Perform routine and preventative maintenance on city stormwater facilities.

### Municipal Operations and Maintenance Goals For 2025

- Procure and implement asset management software for stormwater O&M activities.

## Compliance with TMDLs (S7)

In 2011, Utility staff applied for and received \$250,000 in grant funding to eliminate the last of the city's stormwater outfalls to the Spokane River. In 2015, the final outfalls from city-owned roadways that discharged into the Spokane River were eliminated and a new stormwater system conveyed the storm sewer to new bio-infiltration swales. This project ensured that the City would not be included in current and future TMDL regulation discussions or allocations. It is estimated that this one project saved the City \$50,000 a year in continued fees and staff time attending meetings regarding Dissolved Oxygen, Phosphorous, Heavy Metals, and PCB's as well as handling additional reporting requirements in the Permit.

## Monitoring and Assessment (S8)

Monitoring and assessment has been replaced with continued involvement and implementation of effectiveness studies. Eight Ecology-approved studies were selected pursuant to requirement S8.B in the Eastern Washington Phase II Municipal Stormwater Permit (2014-2019). A number of these studies are completed while others are in the final stages of development. The City of Spokane Valley participated in four of these effectiveness studies.

Two studies were completed in 2020:

1. Mobile Contractor E&O (Wenatchee) – Role as reviewer.
2. Street Cleaning and Catch Basin Cleaning (Ellensburg). Role as TAG member and reviewer.

One study was completed in 2021:

1. Bioretention Soil Media (Spokane County). Role as TAG member and reviewer.

One study was completed in 2022:

1. Drain Rangers Elementary School Children Program (Kennewick). Role as reviewer.

Effectiveness study requirements are also associated with the 2025-2029 Permit. The City of Spokane Valley has partnered with the City of Spokane, Spokane County and Evergreen StormH2O consultants to meet these requirements. A non-vegetated bioretention soil mix will be studied for effectiveness of treatment and seasonal variability of treatment. A brief description of this study was submitted to Ecology on June 28<sup>th</sup>, 2021. A Detailed Study Design Proposal was submitted to Ecology on September 29<sup>th</sup>, 2022. The study will be cooperatively performed and funded by the City of Spokane, City of Spokane Valley, and Spokane County. The study will be implemented through Evergreen StormH2O consultants. Costs will be split equally among permittees. The City of Spokane will serve as the lead entity, while the City of Spokane Valley and Spokane County will be contributing entities.

## 2025 Continued Actions and Activities

- Continue participation for the 2019-2024 Bioretention Soil Media effectiveness study. The Quality Assurance Project Plan (QAPP) is set to be approved in the first Quarter of 2025. The project will consist mainly of data collection under the Technology Assessment Protocol (TAPE) program in 2025. Data will then be used for the effectiveness study after the TAPE is approved.

## Monitoring and Assessment Goals For 2025

- Continue participation for the 2019-2024 Bioretention Soil Media effectiveness study.

## Financial

This section deals with how the Stormwater Utility is paid for and annual budgeting.

### Need Based

When the City incorporated in 2003, the initial revenue request was based on projected program needs. At that time, the new Utility faced several unknowns including:

- new water quality regulations
- newly incorporated city
- an incomplete drainage structure inventory
- an unknown maintenance backlog

Since incorporation, Utility staff has responded to immediate needs, while closing the knowledge gap about regulations, system inventory, and maintenance backlog.

### Enterprise Funds

The Stormwater Utility receives revenues from two local funds to accomplish its work, as well as grant funding from state and Federal agencies for specific projects and activities.

The Stormwater Utility rates for 2025 generate approximately \$6.35 million. The 2025 rate is the equivalent of \$61/year for a single-family residence and commercial properties paying a commensurate rate based on the amount of impervious surface on the parcel (1 Equivalent Residential Unit equal to 3,160 square feet of impervious surface area). Rates apply to both private and publicly owned properties. Rates are collected with the County Property Tax & Fee bill. The fee calculation is explained further under the “Stormwater Utility Fee Calculation” tab on the Stormwater webpage:

<http://www.spokanevalley.org/stormwater>

The Aquifer Protection Area fee is a voter-approved fee used to provide water quality and quantity programs and projects, including but not limited to, water monitoring, project improvements, planning studies, and educational partnerships throughout the region. In Spokane Valley, the APA generates approximately \$700,000 in annual revenue. The current rate is \$1.25 per month for each water service within the City and \$1.25 per month for each sewer service within the City. The fee is set to sunset in 2025 and requires a public vote for continuation in 2026. For more information, see Spokane County’s Aquifer Protection Area webpage: <https://www.spokanecounty.org/1530/Aquifer-Protection-Area>

### 2025 Budget

The annual budget for the Utility is adopted as part of the annual city budget. The budget process for the Utility starts in Spring of the year prior, with staff proposing requests based on the needs of individual areas discussed in this Plan. The draft plan of the SWMP for the following year starts at this point.

To review the current 2025 Stormwater Utility budget, see the following site:

<https://www.spokanevalleywa.gov/DocumentCenter/View/3096/Adopted-2025-Budget-Book>

### Financial Goals for 2025

- Continue coordination with the city Finance Department regarding expenditures for the SWMP.

## Contacts

Questions about the city of Spokane Valley's SWMP can be directed to:

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Stormwater Program Coordinator  
City of Spokane Valley  
10210 E. Sprague Avenue  
Spokane Valley, WA 99206  
(509) 720-5079  
[colson@spokanevalley.org](mailto:colson@spokanevalley.org)

Adam Jackson, PE  
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City of Spokane Valley  
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Spokane Valley, WA 99206  
(509) 720-5013  
[ajackson@spokanevalley.org](mailto:ajackson@spokanevalley.org)

Questions about the Eastern Washington Phase II Municipal Stormwater Permit can be directed to:

Jefferson Davis  
Municipal Stormwater Permit Planner  
Washington State Department of Ecology  
Water Quality Program  
4601 North Monroe Street  
Spokane, WA 99205  
(509) 329-3565  
[jefd461@ecy.wa.gov](mailto:jefd461@ecy.wa.gov)

# Public Education & Involvement Activities

## *Permit Requirement S5.B.1.a.i-iii*

### City of Spokane Valley Public Works - Stormwater Utility

During the 2024 calendar year, the city had a variety of education and outreach efforts targeted at all priority audiences. Regional programs are implemented and remain an integral part of the City of Spokane Valley (COSV) Education and Outreach Program. The primary regional programs are implemented by Spokane County Water Resources, Spokane Regional Health District (Local Source Control Program), and the Spokane Aquifer Joint Board. COSV partners with these agencies in the effort to reach thousands of people on the importance of water quality and managed stormwater.

COSV utilized the following in 2024: Media releases, door flyers, brochures, letters, websites, citizen inquiries, business visits, photos, city council meetings, and construction project neighborhood meetings.

The following list summarizes the Education and Outreach efforts the city and its partnering agencies made for each priority audience.

Priority Audience	Outreach Group	Outreach Method	Subject Areas
General public	City of Spokane Valley	Media outreach Site visits and letters	Water quality protection impacts from stormwater discharges Impacts from illicit discharges Preventing Illicit Discharges Proper waste disposal
	Spokane County Water Resources	Hands on, in person education	Preventing illicit discharges Proper waste disposal Water conservation Aquifer and water supply Wetland and river protection
Businesses	City of Spokane Valley	Media outreach	Water quality protection impacts from stormwater discharges Impacts from illicit discharges Preventing Illicit Discharges Proper waste disposal
	Spokane Regional Health District	Site visits	Spill prevention Waste management Proper waste disposal



Engineers, construction contractors, developers, property owners/managers, development review staff, and land use planners.	City of Spokane Valley	Site visits Preapplication meetings Informational brochures and field guides	Municipal stormwater code Erosion and sediment control elements Low impact development information Underground Injection Control information
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## City Media Releases

The city uses social media platforms and weekly ENewsletters to provide stormwater education to the general public. In 2024, the city made 8 stormwater educational posts on the following topics:

- Battery and waste disposal
- FOG disposal
- Pollution prevention
- Pool/hot tub discharge
- Street sweeping
- Water conservation
- General stormwater maintenance performed by the city

## Municipal Stormwater Management Requirements for Engineers, Development Review Staff, Land Use Planners, and Construction Contractors

In 2023, the City worked with the Washington Stormwater Center to help develop a brochure and flipbook to provide stormwater information to the private development community, engineers, contractors, land use planners and development review staff. These materials explain municipal stormwater code, erosion and sediment control elements and their importance in preventing site runoff, and points to relevant sections of the Spokane Regional Stormwater Manual. This information was provided at every pre-application meeting by development review staff.



*Pictured: Stormwater Management Requirements Overview Brochure for Engineers, Development Review Staff, and Land Use Planners and Municipal Stormwater Management Overview Booklet for Construction Contractors.*

## Spokane Aquifer Joint Board (SAJB)

The SAJB is the leading group aimed at educating people about the Spokane-Rathdrum Prairie Aquifer, our sole-source aquifer that provides drinking water for over 500,000 people in this region. Every year, they identify and send letters to businesses within Spokane Valley reminding them of their location over the aquifer and the need to protect it from contaminants and pollutants spilled on or into the ground. They

also utilize “Aqua Duck”, billboards, websites, attend events, coordinate meetings and educate many adults and children in our city about the importance of protecting our aquifer and the effects of stormwater pollution on the aquifer.

## Spokane County

During 2024, the Spokane County Water Resources Center Outreach and Education had 48 events in Spokane Valley, reaching 3,413 youth and 697 adults from school groups within the city, totaling 6,870 contact hours. School groups included public, private, and homeschool groups ranging from elementary to college students.

Funded through Aquifer Protection Area (APA) funds by Spokane Valley residents and businesses, The Water Resources Center provides stormwater education to students, teachers, and community members through guided tours of their [Water Resources Center](#), community outreach events, and the new [Doris Morrison Learning Center](#) (DMLC) at the nearby Saltese Wetlands.

### Spokane County Water Resources Center

The Spokane County Water Resources Center is located at 1004 N Freya St. and is a regional educational facility that provides a hands on, interactive learning experience for visitors. Many teachers and students take fieldtrips to the site and learn about the Spokane Valley-Rathdrum Prairie aquifer, the Spokane River, water reclamation, the water cycle, and stormwater basics. Many schools involved represent overburdened communities: Title 1 (low-income) and high minority-population schools.

### Community Outreach Events

The Spokane County Water Resources staff visit schools and local community events with a traveling stormwater exhibit (the Rain Racer), that teaches students about how rain reacts to the urban environment we live in. The demonstration shows how preserving green spaces, installing swales, or pervious pavers can reduce the amount of runoff from hard surfaces into the storm drain system.

### Doris Morrison Learning Center (DMLC)

The DMLC is located at the Saltese Wetlands (1330 S. Henry Rd. Greenacres, WA) just outside Spokane Valley city limits and is an educational facility that provides education on wastewater, stormwater, the aquifer, and surface waters through interactive exhibits. Since the site is located adjacent to a wetland, staff lead walking tours through the wetland and demonstrate the importance of taking care of local waterbodies.



**PHOTO: SPOKANE COUNTY WATER RESOURCES STAFF USE THE INTERACTIVE WATER DEFENDER! EDUCATIONAL BOARD TO DEMONSTRATE COMMON SOURCES OF POLLUTION AND BEHAVIOR CHANGES THAT CAN DECREASE NEGATIVE STORMWATER IMPACTS.**

## Question 7

2024 Reporting Year

Spokane County Water Resources  
2024 Education & Outreach Events within the City of Spokane Valley

Date	Facility	School	District	Title 1	Minority	Youth	Adult	Total	Lesson Length (hrs)	Youth Contact Hours	Adult Contact Hours	Total Contact Hours
2/21/2024	Off Site	Greenacres Elementary	Central Valley School District	Y	Y	133	5	138	0.83	110.39	4.15	114.54
2/27/2024	DMLC	Teacher PD - Central Valley School District	Central Valley School District	Y	Y	0	19	19	7.5	0	142.5	142.5
2/28/2024	DMLC	Teacher PD - Central Valley School District + East Valley	Central Valley School District + East Valley School District	Y	Y	0	17	17	7.5	0	127.5	127.5
2/29/2024	Off Site	Centennial Middle School	Central Valley School District	Y	Y	100	50	150	0.08	8	4	12
3/5/2024	DMLC	Teacher PD - Central Valley School District + East Valley School District	Central Valley School District + East Valley School District	Y	Y	0	12	12	7.5	0	90	90
3/6/2024	DMLC	Teacher PD - Central Valley School District + East Valley School District	Central Valley School District + East Valley School District	Y	Y	0	16	16	7.5	0	120	120
3/12/2024	DMLC	Teacher PD - Central Valley School District + East Valley School District	Central Valley School District + East Valley School District	Y	Y	0	2	2	7.5	0	15	15
3/13/2024	DMLC	Pioneer School	Private - In-County	N	N	72	12	84	3	216	36	252
3/14/2024	Off Site	Opportunity Elementary	Central Valley School District	Y	Y	100	45	145	0.08	8	3.6	11.6
3/20/2024	Off Site	Summit School	Central Valley School District	N	Y	33	3	36	1	33	3	36
3/21/2024	Off Site	Trentwood Elementary	East Valley School District	Y	Y	60	3	63	0.75	45	2.25	47.25
3/25/2024	WRC	Seth Woodard	West Valley School District	Y	Y	58	4	62	2	116	8	124
3/26/2024	WRC	Orchard Center Elementary	West Valley School District	Y	Y	110	6	116	2	220	12	232
4/8/2024	DMLC	Summit School	Central Valley School District	N	Y	74	11	85	3	222	33	255

Question 7

2024 Reporting Year												
4/12/2024	DMLC	Chester Elementary	Central Valley School District	N	Y	74	8	82	3	222	24	246
4/15/2024	DMLC	Riverbend Elementary	Central Valley School District	N	Y	80	7	87	3	240	21	261
4/16/2024	DMLC	South Pines Elementary	Central Valley School District	Y	Y	80	6	86	3	240	18	258
4/17/2024	DMLC	Ponderosa Elementary	Central Valley School District	N	Y	77	12	89	3	231	36	267
4/22/2024	DMLC	Sunrise Elementary	Central Valley School District	N	N	84	7	91	3	252	21	273
4/23/2024	DMLC	University Elementary	Central Valley School District	Y	Y	70	6	76	3	210	18	228
4/24/2024	DMLC	Broadway Elementary	Central Valley School District	Y	Y	79	8	87	3	237	24	261
4/26/2024	DMLC	Opportunity Elementary	Central Valley School District	Y	Y	75	7	82	3	225	21	246
4/29/2024	DMLC	Greenacres Elementary	Central Valley School District	Y	Y	75	6	81	3	225	18	243
4/30/2024	DMLC	Greenacres Elementary	Central Valley School District	Y	Y	76	10	86	3	228	30	258
5/1/2024	DMLC	McDonald Elementary	Central Valley School District	Y	Y	74	7	81	3	222	21	243
5/3/2024	DMLC	Adams Elementary	Central Valley School District	Y	Y	74	9	83	2	148	18	166
5/7/2024	DMLC	West Valley City School	West Valley School District	N	Y	42	4	46	1.5	63	6	69
5/8/2024	DMLC	West Valley City School	West Valley School District	N	Y	43	4	47	1.5	64.5	6	70.5
5/15/2024	DMLC	Continuous Curriculum School	East Valley School District	N	Y	55	7	62	3	165	21	186
5/16/2024	DMLC	Trent Elementary	East Valley School District	Y	Y	60	5	65	3	180	15	195
5/17/2024	DMLC	Trentwood Elementary	East Valley School District	Y	Y	83	8	60	3	249	24	180
6/4/2024	WRC	Trent Elementary	East Valley School District	Y	Y	50	4	54	2	100	8	108
6/7/2024	WRC	McDonald Elementary	Central Valley School District	Y	Y	60	6	66	2	120	12	132
6/11/2024	Off Site	Sunrise Elementary	Central Valley School District	N	N	117	8	125	0.67	78.39	5.36	83.75
6/18/2024	DMLC	Spokane Valley Co-Op	Other In-County	N	N	35	10	45	2	70	20	90
8/1/2024	DMLC	Happy Hearts Academy	Other In-County			30	3	33	2	60	6	66
8/8/2024	WRC	Small Wonders Childcare	Other In-County			20	3	23	1.5	30	4.5	34.5

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9/21/2024	Off Site	Valley Fest	Other In-County			500	300	800	0.08	40	24	64
9/26/2024	DMLC	Spokane Valley Tech HS	Central Valley School District			12	1	13	2	24	2	26
10/22/2024	Off Site	University Elementary	Central Valley School District	Y	Y	44	1	45	2	88	2	90
10/30/2024	WRC	Summit School	Central Valley School District	N	Y	52	4	56	2	104	8	112
11/18/2024	Off Site	Opportunity Elementary	Central Valley School District	Y	Y	120	7	127	0.75	90	5.25	95.25
11/19/2024	Off Site	Trent Elementary	East Valley School District	Y	Y	85	3	88	0.75	63.75	2.25	66
11/25/2024	WRC	Orchard Center Elementary	West Valley School District	Y	Y	50	4	54	2	100	8	108
12/16/2024	WRC	West Valley City School	West Valley School District	N	Y	112	6	118	2	224	12	236
12/17/2024	Off Site	Adams Elementary	Central Valley School District	Y	Y	60	3	63	1	60	3	63
12/17/2024	WRC	West Valley City School	West Valley School District	N	Y	125	6	131	2	250	12	262
9/24/2024	WRC	City of Spokane Valley Stormwater	City of Spokane Valley Stormwater			0	2	2	2	0	4	4

## Spokane Regional Health District

The Pollution Prevention Assistance Program at Spokane Regional Health District visit small businesses that generate hazardous waste to evaluate their handling practices. Environmental health specialists assess these businesses for regulatory compliance, while offering new and best management practices for improvements. Providing education and assistance on hazardous waste handling and disposal helps prevent harmful substances contaminating soils, groundwater, and local waterbodies like the Spokane river. Hazardous substances can include polychlorinated biphenyls (PCBs), polybrominated diphenyl ethers (PBDEs) used in flame retardants, dioxins, furans, and metals. These substances are currently found at harmful levels in fish tissue, water, and sediment in the river.

The following practices are evaluated by specialists during business visits:

- Generation and pre-treatment of wastewater
- Management of wash water
- Waste disposal and recycling
- Spill prevention
- Outdoor maintenance practice
- Outdoor storage practices for products and waste
- Fueling operations

### 2024 Spokane Regional Health District Pollution Prevention Visits located within the City of Spokane Valley

Site Visit Information	
Number of <b>Initial</b> Site Visits During the Reporting Period:	35
Number of <b>Screening</b> Site Visits During the Reporting Period:	10
Number of <b>Follow-up</b> Site Visits During the Reporting Period:	19
<b>Total</b> Number of Site Visits During the Reporting Period:	64
Site Visit Definitions	
<ul style="list-style-type: none"> <li>· <i>Initial Site Visit</i>- occurs at the actual site and results in a completed 'checklist' (or enough data gathered to complete data entry into the Pollution prevention Database)</li> <li>· <i>Screening Visit</i>- an attempted visit to the site, but the business declined or put off the visit and unable to gather complete data, or the business does not exist anymore.</li> <li>· <i>Follow-up Visit</i>- Should occur within 90 days of the initial visit. The follow-up visit must be conducted to resolve high priority environmental issues.</li> </ul>	
Sector Focus Areas	
<p>We focused on the following sectors:</p> <ul style="list-style-type: none"> <li>· Restaurants/Grocery Stores- focus was talking to the restaurants and grocery stores about food rescue and getting them interested and certified in EnviroCertified Food Rescue</li> <li>· Automotive Facilities</li> <li>· Schools</li> <li>· Nail Salons</li> <li>· Any other sectors that we have received complaints for Small Quantity Generators (SQG's).</li> </ul>	

### Site Visit Highlights

- SRHD Food Safety Program forwarded information about a restaurant discharging wastewater to a drywell located outside the rear entrance. A site visit to the restaurant was conducted with Spokane Valley Stormwater (Cory Olson) to determine the drainage location and assess the actions being taken by the facility to address this issue.

The owner was unavailable during the initial site visit, so a follow-up appointment was scheduled when the owner would be present. According to the restaurant owner, the piping in the kitchen has been fixed, and they have ceased discharging wastewater out of the back door. It was emphasized to the owner that all wastewater within the establishment must be disposed of appropriately. Specifically, mop water must be disposed of in the designated mop sink located behind the bar.

The owner informed us that she had contacted a company to inspect and service the drywell, although she did not know the company's name. City of Spokane Valley Stormwater provided three recommended companies that could be contacted to vacuum out the drywell. The owner contacted one of the recommended companies and had the drywell cleaned out.

The restaurant did not have spill procedures or materials available. A spill kit and spill plan were provided to the owner along with an explanation on how to use them effectively.

- 12 spill kits were delivered

### Means of Communication to the Businesses

- Website- srhd.org- on our pollution prevention page, we have resources, industry specific handouts, and how we can help information. ([Services | SRHD](#))
- We do face-to-face pollution prevention technical assistance visits to small quantity generators. During these visits, handouts are provided to the business that are sector specific.
- Handouts provided during the visit include, but are not limited to:
  - Pollution prevention program, Ecology handouts, Stormwater good housekeeping practices, paint care, EnviroCertified brochure, light recycle, understanding the Spokane River, and any other sector specific handouts, or handouts provided by the Stormwater jurisdiction to include.
- Joint inspections with Stormwater partners are conducted when necessary and follow up on any complaints that are referred to us.

Businesses Visited	Address
Priors	9118 E Mission
Tire Rama	3510 N Sullivan
A & B Motors	18405 E Appleway
Clarks Lube Express	9506 E Sprague
A & B Motors	18405 E Appleway
Priors	9118 E Mission
Curts City Center	210 E Sprague
Tire Rama	3510 N Sullivan
Oil Changers	2815 E 30th Ave
Precision Autocare and Tire	15220 E Sprague
Supreme Tire	8615 E Tret
Precision Autocare and Tire	15220 E Sprague
Yokes	9329 E Montgomery
Winco Foods	9718 E Sprague
Safeway	8851 E Trent
Salvation Army	11211 E Sprague
R and B Super Stop	1520 N Argonne
Safeway #1799	3919 N Market Street
Safeway #1799 fuel	3919 N Market Street
Safeway	13606 E 32nd Ave
Walkers Automotive	19009 E Appleway
Safeway	13606 E 32nd Ave
Walkers Automotive	19009 E Appleway
Green Tech Garage	611 S. Dishman Mica Rd.
Pete's Independent Honda Repair	2630 E Sprague
Pete's Independent Honda Repair	2630 E Sprague
Green Tech Garage	611 S Dishman Mica Rd
Green Tech Garage	611 S Dishman Mica Rd
Oil Changers	14704 E Sprague
Take 5	807 N Sullivan
Priors	9118 E Mission
A & B Motors	18405 E Appleway



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Clarks Lube Express	9506 E Sprague
A & B Motors	18405 E Appleway
Priors	9118 E Mission
Valvoline	411 S Thor St
Value Village	12205 E Sprague Ave
Value Village	12205 E Sprague Ave
Zome Design	3808 N Sullivan Rd, Bldg 3P
Zome Design	3808 N Sullivan Rd, Bldg 3P
Zome Design	3808 N Sullivan Rd, Bldg 3P
Target (Aimee lead)	13724 E Sprague
Office Depot (Aimee lead)	14008 E Sprague
Valvoline (Aimee lead)	2117 N Argonne
Highbridge School	11400 E Sprague
Tire Rama (Michale lead)	11711 E Sprague
Proformance Lube (Michale Lead)	12515 E Sprague
Squeaky's Lube (Michale lead)	9219 E Sprague
Proformance Lube	12515 E Sprague
Huhot Mongolian Grill (w/ Grant County)	11703 E Sprague
Maverick (Grant County)	717 N Evergreen
Top of India	11114 E Sprague
Top of India	11114 E Sprague
Tire Rama	3510 N Sullivan
Rose Pointe Assisted Living (complaint)	13013 E Mission
Hu Hot Mongolian	11703 E Sprague
Top of India	11114 E Sprague
Rose Pointe Assisted Living	13013 E Mission
Tire Rama w/ Michale	3510 N Sullivan
Flamin Joe's	11618 E Sprague
Spokane Indians Baseball Club	602 N Havana
Lynx HealthCare- Pinnacle Pain	12709 E Mirabeau Pkwy
Spokane Indians Baseball Club	602 N Havana
Flamin Joe's	11618 E Sprague

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StrEat Gourmet	14700 E Indiana
Madfire Kitchen and Catering	14700 E Indiana
Amen Ethiopian Cafe	14700 E Indiana
Olive Garden	14742 E Indiana
Hops N Drop	14700 E Indiana
Hops N Drops	14700 E Indiana
Olive Garden	14742 E Indiana
Madfire Kitchen and Catering	14700 E Indiana
Target	13724 E Sprague Ave
Office Depot	14008 E Sprague Ave
Valvoline	2117 N Argonne Rd
Pacific Lawn and Pest	16009 E Trent Ave
Greenacres Auto Repair	525 N Barker

# Discussion of Opportunities for Public Participation with SWMP Updates

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## *Ecology Permit Section/Paragraph: S5.B.2.a: Opportunities Created for Public Participation to Develop, Implement, and Update the Stormwater Management Program*

The City's Stormwater Management Program (SWMP) is updated annually to meet the needs of the stormwater utility and NPDES Permit requirements. SWMP updates are reviewed and updated to meet both immediate and long-term needs and address the actions the Utility plans to take in the coming year to meet its goals. Public involvement and input into the elements of the SWMP is critical to the success and sustainability of the City's drainage infrastructure for protecting water quality and reducing risks of flooding.

To assist with the development, implementation, and periodic updates to the City's SWMP updates, the City employs several ways for public involvement. These include regular public Council meetings, and direct contact with staff via phone, internet, mail, and in-person meetings. Staff and Council make it a priority to be available to discuss needs, concerns, and questions that the public may have regarding the City's programs. Utility Staff direct the public to the city's stormwater webpage ([www.spokanevalleywa.gov/325](http://www.spokanevalleywa.gov/325)) to learn more about the SWMP and point to a link to providing input on the program.

The city has developed customer service standards to deliver service that is complete, consistent and equitable to all customers and is based on the principles of integrity, respect and responsiveness. In addition, the City Council and staff strive to follow the values and core beliefs, one of those beliefs being: *"We believe in hearing the public view. We affirm that members of the public should be encouraged to speak and be heard through reasonable rules of procedure when the public business is being considered, thus giving elected officials the broadest perspectives from which to make decisions."*

For a list of the City's core values and beliefs, see link: [www.spokanevalleywa.gov/27](http://www.spokanevalleywa.gov/27)

The city specifically provides public involvement opportunities provided to overburdened communities as described above. To improve outreach to overburdened communities, The City of Spokane Valley has partnered outreach efforts with the City of Spokane and Spokane County to coordinate communication to non-profits that serve and represent overburdened communities in the greater Spokane area. Outreach will explain stormwater impact basics and direct community members to comment on local stormwater programs. This further outreach effort will continue into 2025.

## **Regular Council Meetings**

The public is invited to comment at regularly scheduled City Council meetings. These meetings normally start on Tuesday evenings at 6:00 pm at City Hall where residents can provide input and comment regarding the City's SWMP during the public comment period of the meetings. In addition, the public

has several opportunities throughout the year to comment and give input to elements of the SWMP and annual budgets. The 2024 annual budget can be found here: [Budget Book 2024](#)

### **Direct Contacts**

The public can participate directly with staff by giving input to the ongoing updates of the SWMP plan elements through in person meetings, phone, email, and the City's "SVExpress" which can be accessed [online](#) or through the [SVExpress mobile application](#). The public can participate directly through requesting actions for resolving existing problems, expressing interest in protecting water quality, and through specific questions regarding program elements such as street sweeping or storm drain cleaning.

Problems or needs reported by citizens are either directly entered by the citizen or by staff into the "SVExpress" reporting tool, and selecting under Public Works: Illicit Discharge, Storm Drainage/Erosion, Street Sweeping, Landscaping Right of Ways – see link: <http://www.spokanevalley.org/311> . A member of the stormwater utility staff receives these and will contact citizens to meet or discuss the problem or concern and are dealt with based on the type of issue/problem. These problems and the discussion with citizens help to give input and direction to program resources and updates of the SWMP and annual program.

# IDDE Information for the General Public

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*Ecology Permit Section/Paragraph: S5.B.3.c.vii: Permittees shall inform public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste.*

The city is fortunate to have many agencies and non-profit groups spreading the word about how stormwater affects the water bodies within Spokane Valley. A summary of each group's involvement is outlined below:

## **City of Spokane Valley Stormwater Utility**

Staff interact with public employees, the general public, and with businesses in a variety of ways. All staff who may come in contact with an illicit discharge or connection go through annual illicit discharge/ illicit connection training and are knowledgeable of procedures for identifying and reporting actual or potential incidences. Staff interact with the public through the following ways:

- Phone calls
- Emails
- Council meetings
- Site visits
- Development meetings
- construction projects
- Complaint response
- Technical assistance visits
- Illicit discharge response
- Pre-construction neighborhood meetings
- Spill response
- Pre-application meetings
- Zoning meetings
- Panning meetings
- Street maintenance
- City's website
- Parks programs
- code enforcement
- Public outreach events
- Citizen inquires

## **IDDE Response**

When City staff are informed of an IDDE incident, an investigation is initiated. If those responsible are not readily known and can be communicated with to educate about the violation(s), then the area around where the IDDE incident or spill receives door hangers that indicate that pollutants were found in a local drain and that it is improper to dispose of materials in the City's storm drains. The public is directed to the cities stormwater website ([www.spokanevalleywa.gov/325](http://www.spokanevalleywa.gov/325)) for more information on the cities stormwater program and allowable discharges to the cities storm drain system. If spills or pollution concerns are reported or found and are not the city's responsibility for enforcement, the city will forward the issue to the appropriate agency/jurisdiction.

## **Spokane Aquifer Joint Board (SAJB)**

The [SAJB](#) is the leading group aimed at educating people about protecting the Spokane-Rathdrum Prairie Aquifer, the area's sole-source aquifer that provides drinking water for over 500,000 people. Every year, they identify and send letters to businesses within Spokane Valley reminding them of their location over the aquifer and the need to protect it from contaminants and pollutants spilled on or into the ground. This group uses a mascot "Aqua Duck", advertises on billboards, updates websites, attends

events, coordinates meetings and educates many adults and children in our City about the importance of protecting our aquifer and the effects that stormwater pollution can have on the aquifer.

### **Spokane County**

The [Spokane County Water Resource Center](#) plays a large part in the City's education and outreach program. Water Resources has staff that lead many classroom and event education activities at almost every elementary school within the City of Spokane Valley, as well as other schools in the area. Staff also monitor our aquifer constantly and works to keep the aquifer safe from pollution, including stormwater.

### **Idaho Washington Aquifer Collaborative (IWAC)**

The purpose of the [Idaho Washington Aquifer Collaborative \(IWAC\)](#) is a group of water purveyors and municipalities from Idaho and Washington that work together to maintain and/or enhance water quality and quantity for present and future generations by developing management strategies which benefit the Spokane Valley Rathdrum Prairie Aquifer and the Spokane River region. IWAC facilitates regional dialogues and studies that result in recommendations for policy directions and shared stewardship of the Aquifer and the Spokane River.

### **Household Hazardous Waste Webpages**

The City has deployed a webpage on how to recycle household hazardous wastes at the Spokane Valley University Transfer Station. This service is provided by contract to the residents of the City by Sunshine Disposal and Recycling. <https://www.spokanevalley.org/SolidWaste>. The city also promotes the Spokane River Forum [Waste and Recycle Directory](#), where Spokane Valley can find out where to properly dispose of nearly all items.

### **Waste Management**

Waste Management is responsible for removing just about any kind of waste from homes and businesses within Spokane Valley. Waste Management's trucks and staff provide waste pickup, recycling services, yard waste pickup, bulk waste pickup, hazardous waste pickup, and food and organic waste pickup. The company always encourages their patrons to "THINK GREEN". They offer the best way for citizens and business to dispose of waste rather than dumping it in City stormdrains.

[Spokane Valley Washington - Waste Management Northwest \(wmnorthwest.com\)](#)

### **Spokane Regional Health District Pollution Prevention Assistance Program**

Technical assistance visits are offered without charge to small quantity generators of hazardous waste including businesses, schools, and government entities to prevent pollution. Waste handling practices are evaluated for regulatory compliance and to offer new and best management practices for improvement. The following practices are evaluated by specialists during business visits:

- Generation and pretreatment of wastewater
- Management of wash water
- Waste disposal and recycling
- Spill prevention
- Outdoor maintenance practices
- Outdoor storage practices for products and waste
- Fueling operations

<https://srhd.org/programs-and-services/local-source-control-pollution-prevention>

**Spokane River Forum**

The Spokane River Forum's mission is to create materials, events and activities that promote regional dialogues for sustaining a healthy river system while meeting the needs of a growing population. <https://spokaneriver.net/>