

Municipal Separate Storm Sewer (MS4) Annual Report

MS4 Permittee Name/Organization:

CITY OF POST FALLS MS4

Enter the name of co-permittee submitting report (if applicable):

NPDES Permit Number:

Indicate Annual Report Number & Reporting Period:

- Year 1 Reporting Period
- Year 2 Reporting Period
- Year 3 Reporting Period
- Year 4 Reporting Period
- Year 5 Reporting Period
- Other

Section I General Information

MS4 Facility Contact Name:

CITY OF POST FALLS MS

MS4 Contact Telephone:

(208) 773-3511

MS4 Contact Email Address:

surfacewater@postfallsic

MS4 Facility Contact Type:

Owner Operator Main Contact

MS4 Facility Site (physical) Address:

404 N. SPOKANE STREET

MS4 Facility Site City, State, Zip Code:

POST FALLS, ID, 83854

MS4 Facility Mailing Address:

408 N Spokane Street, P

List All Receiving Water(s) for the MS4 Discharges:

Spokane River

Section II. Permittee Responsibility:

- 1. This Permittee organization shares implementation responsibility for Permit compliance with one or more Permittees.**

Yes No Not Applicable

Is the agreement between the Permittees described/cited in the Stormwater Management Program (SWMP) Document?

Yes No Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.
- 2. This Permittee organization shares implementation responsibility for Permit compliance with one or more outside (non-Permittee) entities.**

Yes No Not Applicable

Is the agreement with these other entity(ies) described/cited in the SWMP Document?

Yes No Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

3. **This Permittee organization maintains relevant ordinances or other regulatory mechanisms to control pollutant discharges into and from the MS4 to meet the requirements of this GP.**

Yes No Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

4. **This Permittee organization's SWMP Document is posted on a publicly accessible website.**

Yes No Not Applicable

Identify the URL for the webpage where the SWMP Document can be accessed:

[http:// https://www.postfalls.gov/street_water/Water/StormWaterManagementProgram.pdf](http://https://www.postfalls.gov/street_water/Water/StormWaterManagementProgram.pdf)

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

5. *(Year 3 Annual Report only):* **This Permittee organization's SWMP Document been updated to describe the implementation of the selected Monitoring/Assessment and/or Pollutant Reduction activities cited in Permit Part 4.**

Yes

Identify the URL for the webpage where the SWMP Document can be accessed:

<http://>

No

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

6. **This Permittee organization regularly tracks certain activities to set priorities and assess compliance with the Permit requirements.**

Yes No Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

7. **During the reporting period, responsibility for SMWP implementation has changed due to a Transfer of Ownership**

or Operational Authority over a geographic portion of the MS4. This Permittee's SWMP Document has been updated to reflect these changes in responsibility for any new or transferred areas served by the MS4.

Yes No Not Applicable

This Permittee's SWMP Document has been updated to reflect these changes in responsibility for any new or transferred areas served by the MS4.

Yes No Not Applicable

Please provide a brief statement summarizing the change in ownership or operational authority.

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

Section II Comments

- 1, 2. This Permittee does not share implementation responsibility for Permit compliance with other Permittees or non-Permittee entities.
 5. Answer is Yes, and website is <https://www.postfalls.gov/departments/public-works/surface-water/>. Website is not saving answer for this question.
 7. There has not been a Transfer of Ownership of Operational Authority during the current reporting period.
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Section III. Status of SWMP Control Measures

8. **This Permittee organization conducts an education, outreach, and public involvement program based on stormwater issues of significance in the Permittee's jurisdiction.**

Yes, this organization conducts the education, outreach, and involvement activities required by the Permit

Yes, this organization works through contract with other entities to conduct the education, outreach, and involvement activities required by the Permit

Please cite any relevant information and/or statistics that helps illustrate the implementation of the organization's education outreach and/or public involvement program.

Please cite any relevant information and/or statistics that helps illustrate the implementation of the organization's education outreach and/or public involvement program. The City's outreach program is in the initial stages of implementing the stormwater outreach and education program and is still in the process of gathering information and statistics on program

effectiveness and understanding.

- No
- Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

9. **Target Audience: During the reporting period, this Permittee organization focused its education, outreach, and public involvement messages to the following audience(s):**

- General Public** (including homeowners, homeowner's associations, landscapers, and property managers)
- Business/Industrial/Commercial/Institutions** (including home based and mobile businesses)
- Construction/Development** (e.g., Engineers, Contractors, Developers, Landscape Architects, Site Design Professionals)
- Elected Officials, Land Use Policy and Planning Staff**
- Other

Please describe in the space provided:

10. **Topics: During the reporting period, this Permittee organization focused its education, outreach, and public involvement messages on the following topics (select all that apply):**

- General impacts of stormwater flows into surface water, and appropriate actions to prevent adverse impacts;
- Impacts from impervious surfaces, techniques to avoid adverse impacts;
- Yard care techniques protective of water quality, such as composting;
- Proper use, application & storage of pesticides, herbicides, and fertilizers;
- Litter & trash control and recycling programs;
- BMPs for power washing, carpet cleaning, auto repair & maintenance;
- Low Impact Development/green infrastructure techniques, including site design, pervious paving, retention of mature trees/vegetation, landscaping and vegetative buffers;
- Maintenance of landscape features providing water quality benefits;
- Stormwater treatment and volume control practices;
- Technical standards for stormwater site plans; including appropriate selection, installation, and use of required construction site control measures
- Source control BMPs and environmental stewardship;
- Impacts of illicit discharges and how to report them;
- Actions and opportunities for pet waste control/disposal,
- Water wise landscaping, water conservation, water efficiency

BMPs for use and storage of automotive chemicals, hazardous cleaning supplies, vehicle wash soaps and other hazardous materials;

11. **During the reporting period, this Permittee organization began and/or continued distribution of the selected messages/activities to the intended target audience.**

Yes

Please summarize the message/activity conducted during the reporting period below: Educational stormwater BMPs, tips, and outreach topics are available on the City's website under the surface water section. The City also focused on swale education to homeowners during the reporting period.

No

Note: Permittee is required to conduct at least eight (8) educational messages or activities by the date specified in the Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

12. **During this reporting period, this Permittee organization assessed, or participated in efforts to assess, the understanding and adoption of intended behaviors by the target audience.**

Yes

Please summarize efforts to assess the selected education, outreach and public involvement activities conducted during the reporting period. If information is available, describe how this information is used to improve education/outreach efforts.

No

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met. The City has just developed its material and outreach messages and topics and in the following year will begin to assess understanding and adoption of intended behaviors by the target audience if the following permit years.

Please explain why this Permit Requirement does not apply.

13. **During this reporting period, this Permittee organization offered (or worked with others to offer) training/education regarding construction site runoff control measures to site operators working in the Permittee's jurisdiction.**

Yes

No

Note: Permittee is required to offer outreach/training on construction site control measures at least twice during the permit term no later than the date specified in the Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met. The Stormwater program has not conducted this training yet and intends to offer it before September 2025.

Please explain why this Permit Requirement does not apply.

Please explain why this Permit Requirement does not apply.

14. **During this reporting period, this Permittee organization offered (or worked with others to offer) training/education regarding permanent stormwater controls to audiences working in the Permittee's jurisdiction.**

Yes

No

Note: Permittee is required to offer outreach/training on permanent controls at least during the permit term no later than the date specified in the Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met. The Stormwater program has not conducted this training yet and intends to offer it before September 2025.

Please explain why this Permit Requirement does not apply.

Please explain why this Permit Requirement does not apply.

15. **This Permittee organization maintains and promotes a publicly-accessible website that provides current SWMP-related information cited in Permit Part 3.1.8. This website was recently updated prior to submitting this Report.**

Yes

URL for the Permittee's webpage

:

<https://www.postfalls.gov/departments/publicworks/surface-water/>

No

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

Comments on Public Education, Outreach, and Involvement Program: *Use this Comments field to explain or discuss unique implementation schedules, summarize nature of the education, outreach, and public involvement activities conducted during the*

reporting period.

Copies and or pictures of outreach materials are attached at the end.

1. Education on technical standards for stormwater site plans; including appropriate selection, installation, and use of required construction site control measures provided to City Streets department and design team for the Spokane Street Rehabilitation Construction Project. Construction is planned for 2024.
 2. Staff developed a logo and required target audience outreach material for 8 stormwater topics including BMPs and tips and made the materials and information available on the City's website (see attached).
 3. Staff participated in updating the Spokane Valley Rathdrum Prairie Aquifer atlas. The atlas presents a comprehensive summary of the region's groundwater and surface water resources and is used for education on understanding our water resources. A section of the atlas is devoted to stormwater.
 4. Staff created an interactive Stormwater Plinko Board game to use for outreach events to encourage interaction with the general public and to message how stormwater functions in our daily life.
 5. Staff participated in the development of the "Efficient Irrigation and Landscape Standards" booklet published by IWAC and can also be found on the City's website and online at <https://www.iwac.us/irrigation-and-landscape-guidelines/> (cover sheet attached).
 6. Staff will be using these materials in the next year to begin assessing target audience actions and behaviors.
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Illicit Discharge Detection and Elimination Program (Permit Part 3.2)

16. **To the extent allowable pursuant to authority granted under Idaho law, this Permittee organization conducts and enforces a program to detect and eliminate illicit discharges into the MS4.**

Yes

No

Note: Permittee is required to revise and update existing programs as necessary to comply with the Permit no later than the date specified in the Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

17. **This Permittee organization maintains a current MS4 Map and Outfall Inventory as described in the Permit.**

Yes

No

Note: Permittee is required to update their Map(s) and Inventory no later than the date specified in the Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

18. **To the extent allowable pursuant to authority granted under Idaho law, this Permittee organization prohibits non-storm water discharges into the MS4 (except those identified in the Permit) through an ordinance or other regulatory mechanism.**

Yes

if yes, please provide citation/web address to the ordinance/regulatory mechanism: Post Falls City Code 13.44.100

No

Note: Permittee is required to revise and update their existing programs as necessary no later than the date specified in the Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

19. **This Permittee organization maintains a dedicated telephone number, email address, and/or other means for the public to report illicit discharges.**

Yes

if yes, please provide phone number/web address:

(208) 773-1438, surfacewater@postfalls.gov, <https://www.postfalls.gov/departments/public-works/surface-water/>

No

Note: Permittee is required to revise and update their existing programs as necessary no later than the date specified in the Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

20. **This Permittee organization responds and investigates illicit discharge complaints or reports within two working days.**

Yes

No

Note: Permittee is required to revise and update their existing programs as necessary no later than the date specified in the Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

21. **Number of Public Complaints/Reports Received During this Reporting Period: 1**
22. **Number of Illicit Discharge Complaints/Reports Investigated through field visits, sampling or other follow-up action 0**
23. **Number of Illicit Discharge Complaints/Reports Resolved: 0**
24. **This Permittee organization conducts a dry weather analytical and field screening monitoring program to identify non-stormwater flows from MS4 outfalls.**

Yes

No

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

25. **During the reporting period, this Permittee organization used its written protocols to prioritize and identify MS4 outfalls for dry weather discharge investigation.**

Yes

No

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

26. **Total Number of MS4 Outfalls in the Permittee's jurisdiction of the Permit Area: 2**
27. **During the reporting period, this Permittee organization completed visual dryweather screening on at least 50 MS4 outfalls.**

Yes

No – Total # of outfalls screened in this jurisdiction was less than 50

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met. The City only has 2 MS4 outfalls. Dry weather screening was completed on both outfalls.

Please explain why this Permit Requirement does not apply.

28. **Of the outfalls screened during the reporting period:**

How many outfalls were discharging during dry weather? 1

How many of these identified dry weather discharges were sampled or otherwise investigated to determine the discharge source? 1

How many of the identified dry weather discharges resulted in the Permittee action to address and eliminate the discharge source? 1

29. **During this reporting period, how many of the Permittee's MS4 outfalls have been identified as having dry weather flows caused by irrigation return flow or ground water seepage?**

Number of outfalls identified this reporting period 1

Total number of MS4 outfalls identified to date, as having dry weather flows from irrigation or groundwater seepage 1

Note: Permittee is required to provide a complete list of MS4 outfall locations identified as having dry weather flows caused by irrigation return flow or ground water seepage as part of the Permit Renewal Application no later than the date specified in the Permit.

30. **This Permittee organization maintains written spill response procedures and coordinates appropriate spill prevention, containment and response activities with other organizations in the Permit Area to ensure maximum water quality protection at all times.**

Yes

No

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

31. **This Permittee organization coordinates with appropriate local entities to educate employees and the public of the proper management and disposal or recycling of used oil, vehicle fluids, toxic materials, and other household hazardous wastes.**

Yes

No

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

32. **This Permittee organization's staff responsible for investigating, identifying and eliminating illicit discharges, spills, and illicit connections into the MS4 are trained to conduct such activities**

Yes

No

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

Comments on Illicit Discharge Detection and Elimination Program:

Use this Comments field to explain any unique implementation schedules, highlight investigation results or follow-up actions, discuss subsequent enforcement actions, etc. that were conducted during the relevant reporting period.

21. Public complaint received from Club Tequila regarding fallen leaves blown into the parking lot and covering the drain. Leaves were removed and drain unblocked to resolve issue.

28. Staff conducted an dry weather/illicit discharge investigation of a fountain overflow which was discharging to the MS4 system. Corrective action was taken to eliminate this discharge however more work is needed on the fountain to fully correct the illicit discharge.

The City has chosen to divert overflow from the catch basin near the fountain to a swale, with emergency overflow going to the MS4. This modification will help eliminate dry weather overflows to the MS4 as part of the Pollution Reduction Activity.

31. Stormwater City staff provided training to City employees regarding proper management and disposal of recycling of used oil, vehicle fluids, toxic materials, and other hazardous wastes in May 2023. Attendance list of city employees attached.

Construction Site Runoff Control Program

33. **This Permittee organization uses an ordinance or other regulatory mechanism to require erosion, sediment, and waste material management controls at construction project site activity that results in land disturbance of one (1) or more acres and discharges to the MS4.**

- Yes
 No

Note: Permittee is required to update their construction site runoff control requirements no later than the date specified in the Permit.

- Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

34. **This Permittee organization requires construction site operators to submit construction site plans for projects disturbing one (1) or more acres for Permittee review.**

- Yes
 No

Note: Permittee is required to update their construction site runoff control requirements no later than the date specified in the Permit.

- Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

35. **This Permittee organization inspects construction sites that disturb one (1) or more acres to ensure compliance with applicable requirements for erosion, sediment and waste material management controls.**

- Yes
 No

Note: Permittee is required to update their construction site runoff control requirements no later than the date specified in the Permit.

- Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

36. **This Permittee organization inspects construction sites using an inspection prioritization system.**

Yes

No

Note: Permittee is required to update their construction site runoff control requirements no later than the date specified in the Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply. The Permittee does not have the need to inspect more than one construction site that is one or more acres at a time. The Permittee makes it a priority to inspect a construction site when the need is presented. Due to limited number of required inspections, a prioritization system is not needed.

37. **This Permittee organization implements a written escalating enforcement response policy or plan (ERP) for construction site runoff control.**

Yes

No

Note: Permittee is required to update their construction site runoff control requirements no later than the date specified in the Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

38. **This Permittee organization ensures that all persons responsible for preconstruction site plan review, site inspections, and enforcement of construction site runoff control requirements are appropriately trained to conduct such activities - specifically, this organization provides orientation and training for new staff working on construction runoff control issues within the first six (6) months of employment.**

Yes

No

Note: Permittee is required to update their construction site runoff control requirements no later than the date specified in the Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

met.

Please explain why this Permit Requirement does not apply.

Comments on Construction Site Runoff Control:

Use this Comments field to explain any unique implementation schedules, summarize the number of site inspections, follow-up actions, and/or any subsequent enforcement actions, etc. that were conducted during the relevant reporting period.

The City did not have any sites that required inspections.

Post Construction Stormwater Management in New Development & Redevelopment

39. **Through ordinance or other regulatory mechanism, this Permittee organization requires the installation and long-term maintenance of permanent stormwater controls at new development and redevelopment project sites that result from land disturbance greater than or equal to 1 acre and that discharges to the MS4.**

The required stormwater controls must be sufficient to retain onsite the runoff volume produced from a 24-hour 95th percentile storm event, and/or require runoff treatment sufficient to attain an equal or greater level of water quality benefit as this onsite retention standard.

Yes

Please cite to the ordinance containing the permanent stormwater control requirements:

No

Note: Permittee is required to update their permanent stormwater control requirements no later than the date specified in the Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met. The Stormwater program is in the process of completing this permit requirement before September 2025.

Please explain why this Permit Requirement does not apply.

40. **This Permittee organization requires permanent storm water controls through written specifications.**

Yes

Please cite to the ordinance containing the permanent stormwater control requirements:

No

Note: Permittee is required to update their permanent stormwater control requirements no later than the date specified in the

Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met. The Stormwater program is in the process of completing this permit requirement before September 2025.

Please explain why this Permit Requirement does not apply.

41. **This Permittee organization requires preconstruction site plan review and approval for permanent storm water controls at new development and redevelopment sites that result in land disturbance of one or more acres and discharge to the MS4.**

Yes

No

Note: Permittee is required to update their permanent stormwater control requirements no later than the date specified in the Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

42. **This Permittee organization has identified high priority locations in the jurisdiction where the Permittee regularly inspects the installation and long-term operation of permanent stormwater controls.**

Yes

No

Note: Permittee is required to update their permanent stormwater control requirements no later than the date specified in the Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met. The Stormwater program is in the process of completing this permit requirement before September 2025.

Please explain why this Permit Requirement does not apply.

43. **This Permittee organization has an enforcement strategy to ensure and maintain the functional integrity of permanent stormwater controls within this jurisdiction.**

Yes

No

Note: Permittee is required to update their permanent stormwater control requirements no later than the date specified in the Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply. All stormwater controls are the City's responsibility to maintain regardless of the situation, therefore an enforcement strategy is not applicable.

44. **This Permittee organization uses a database inventory to track and manage the operational condition of permanent stormwater controls within this jurisdiction.**

Yes

No

Note: Permittee is required to update their permanent stormwater control requirements no later than the date specified in the Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

45. **This Permittee organization requires enforceable and transferable O&M Agreements, where parties other than this Permittee organization are responsible for operation and maintenance of permanent storm water controls.**

Yes

No

Note: Permittee is required to update their permanent stormwater control requirements no later than the date specified in the Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply. The City is responsible for all operation and maintenance of permanent stormwater controls.

46. **This Permittee organization ensures that all persons responsible for reviewing site plans for permanent stormwater controls and/or for inspecting the installation and operation of permanent controls are trained to conduct such activities.**

Yes

No

Note: Permittee is required to update their permanent stormwater control requirements no later than the date specified in the

Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

Comments on Post Construction Stormwater Management in New Development and Redevelopment

Use this Comments field as necessary to explain any unique implementation schedules, summarize inspections, actions, etc. that were conducted during the relevant reporting period.

44. The City uses a program called Field Maps which is part of GIS in addition to using Google Sheets to track cleanings of catch basins, take detailed field notes and to manage the operational conditions of stormwater controls.

All Staff Members in the Engineering Division that review plan sets are trained for permanent stormwater controls and/or for inspecting the installation and operation of permanent controls.

The Stormwater Program is reviewing City ordinances and resolutions for post construction stormwater management in new development and redevelopment to determine if all requirements are met and complete.

Pollution Prevention/Good Housekeeping for MS4 Operations

47. **This Permittee organization inspects all MS4 catch basins and inlets in the jurisdiction at least once every five years and takes appropriate maintenance or cleaning action based on those inspections.**

Yes

No *-Permittee uses an alternate inspection & maintenance schedule as outlined in the SWMP Document.*

No

Note: Permittee is required to update their requirements for pollution prevention/good housekeeping for MS4 Operations no later than the date specified in the Permit.

Not Applicable

Please outline the alternate inspection and maintenance schedule.

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be

met.

Please explain why this Permit Requirement does not apply.

Total Number of catch basins and inlets inspected this reporting period 300

48. **This Permittee organization operates and maintains Streets, Roads, Highways and/or Parking Lots in its jurisdiction in a manner that protects water quality and reduces the discharge of pollutants through the MS4.**

Yes

No

Note: Permittee is required to update their requirements for pollution prevention/good housekeeping for MS4 Operations no later than the date specified in the Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

49. **This Permittee organization operates all street/road maintenance material storage locations in a manner that prevents pollutants in stormwater runoff from discharging to the MS4 or into any receiving waterbody. A description of each Material Storage Location is included in the SWMP Document, as required by Permit.**

Yes

No

Note: Permittee is required to update their requirements for pollution prevention/good housekeeping for MS4 Operations no later than the date specified in the Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply. The City's organization does not operate any material storage locations over the MS4.

50. **This Permittee organization sweeps all areas of the jurisdiction that discharge to the MS4 at least once annually. A description of the street sweeping program, as required by Permit, is included in the SWMP cument.**

Yes

No

Note: Permittee is required to update their requirements for pollution prevention/good housekeeping for MS4 Operations no later than the date specified in the Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met. The City has a street sweeping program but a detailed description of the program is not currently in the SWMP document and will be added over the next reporting period.

Please explain why this Permit Requirement does not apply.

51. **This Permittee organization has reviewed its operation and maintenance activities for the types of activities listed below and confirms that all such activities are conducted in a manner that protects water quality and reduces the discharge of pollutants through the MS4.** Municipal Activities to be addressed include: grounds/park and open space maintenance operations; fleet maintenance and vehicle washing operations; building maintenance; snow disposal site operation and maintenance; solid waste transfer activities; municipal golf course maintenance; materials storage; hazardous materials storage; used oil recycling; and spill control and prevention measures for municipal refueling facilities.

Yes

No

Note: Permittee is required to update their requirements for pollution prevention/good housekeeping for MS4 Operations no later than the date specified in the Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met. The Stormwater program is in the process of reviewing all operation and maintenance activities to confirm that permit requirements for the pollution prevention/good housekeeping activities are being met as required by the permit schedule.

Please explain why this Permit Requirement does not apply.

52. **This Permittee organization ensures appropriate practices to reduce the discharge of pollutants to the MS4 associated with the application, storage and disposal of pesticides, herbicides and fertilizers. All employees or contractors applying pesticides, etc. are instructed to follow all label requirements, including those regarding application methods, rates, number of applications allowed, and disposal of the pesticide/herbicide/fertilizer and rinsate.**

Yes

No

Note: Permittee is required to update their requirements for pollution prevention/good housekeeping for MS4 Operations no later than the date specified in the Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

53. **This Permittee organization uses site specific Storm Water Pollution Prevention Plans for all Permittee-owned material storage facilities, heavy equipment storage areas, and maintenance yards located in the Permit Area.**

- Yes
- No

Note: Permittee is required to update their requirements for pollution prevention/good housekeeping for MS4 Operations no later than the date specified in the Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply. The Permittee does not have any such facilities in the Permit area.

54. **This Permittee organization ensures that all persons responsible for municipal operations and maintenance activities are trained to conduct such activities.**

- Yes
- No

Note: Permittee is required to update their requirements for pollution prevention/good housekeeping for MS4 Operations no later than the date specified in the Permit.

Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply.

Comments on Pollution Prevention/Good Housekeeping for MS4 Operations

Use this Comments field as necessary to explain any unique implementation schedules, summarize inspections, actions, etc. that were conducted during the relevant reporting period

Section IV. SPECIAL CONDITIONS FOR DISCHARGES TO IMPAIRED WATERS

Provide a current status report regarding the development of any required Monitoring/Assessment Plan and implementation of pollutant reduction activities as required by Permit.

55. Narrative Status Report:

The City's Monitoring/Assessment Plan was finalized in October 2022 and is available on the City's website. The City is on year 3 of water quality monitoring for lead, zinc, TSS, and phosphorus from the MS4 outfalls. Results for the current reporting period are attached in Table 1.

The Pollution Reduction Activity document was also completed in October 2022. Tasks for this activity will begin in Fall of 2023. The City is currently waiting on approval from ITD to move forward with the activities.

Section V. Response To Excursions Above Idaho Water Quality Standards

56. During this or any prior reporting period, did the Permittee submit written notification to EPA and IDEQ regarding MS4 discharge that are causing or contributing to an excursion above the WQS as directed by the Permit?

- Yes
- No
- Not Applicable

57. During this or any prior reporting period, did the Permittee submit an Adaptive Management Report to EPA and IDEQ, as directed by the Permit?

- Yes
- No
- Not Applicable

Please explain why this Permit Requirement has not been met and outline the expected dates that the Requirement will be met.

Please explain why this Permit Requirement does not apply. The Permittee has not had any discharges from the MS4 that is causing or contributing to a known or likely excursion above the Idaho Water Quality Standards that would prompt the requirement of an Adaptive Management Report.

58. Provide a summary of the Permittee's efforts to date that address the MS4 discharges contributing to the original water quality excursion, including the results of any monitoring, assessment, or evaluation efforts conducted during the reporting period.

The Permittee has not had any MS4 discharges that contribute to water quality excursions.

59. Please upload any documents that support this annual Report.

List of Uploaded Documents	Size (MB)
----------------------------	-----------

No records to display	
-----------------------	--

Certification: "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 the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than 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."

Table 1: MS4 Sample Results for 2023 Annual Report

Centennial Trail Outfall

Date	10/24/2022	4/1/2023	5/5/2023	7/10/2023	9/26/2023
Phos (mg/l)	0.284	0.59	0.48	0.608	0.293
Lead (ug/l)	4.55	10.2	10.5	11.6	6.94
Zinc (ug/l)	196	363	243	516	218
TSS (mg/l)	80	240	220	220	236
Field Temp (F)	48	42	58	70	60

4th Avenue Outfall

Date	10/24/2022	4/1/2023	5/5/2023	7/10/2023	9/26/2023
Phos (mg/l)	0.246	0.416	0.252	1.46	0.319
Lead (ug/l)	5.81	9.69	7.4	34.6	9.18
Zinc (ug/l)	161	249	138	980	215
TSS (mg/l)	70	170	124	900	116
Field Temp (F)	52	42	58	72	64

**CITY OF POST FALLS STORM WATER PROGRAM
MS4 PERMIT #IDS-028231
FIELD SAMPLE LOG**

SAMPLE DATE: 10/24/22

SAMPLER: (Signature) Ryan Lawrence

SAMPLE COLLECTION INFORMATION:

	CENTENNIAL TRAIL	FOURTH AVENUE
Type of Sample	Grab	Grab
Time of Sample Collection (hhmm)	10:56 Am	11:04 Am
Preservative Added (Yes/No)	y	y
Samples Transported on Ice (Yes/No)	y	y
Water Temp. (°F)	48°	52°
Depth of Flow (inches)	1.5"	2"
Appearance of Flow (color, oil, odor, trash, turbid, sediment, etc.)		
Other Remarks		

Instructions to Laboratory

Parameters to be tested for these samples are:

PARAMETER	PQL	METHOD
Total Suspended Solids	1 mg/L	SM2540D
Total Phosphorus	0.06 mg/L	EPA 365.3
Total Lead	0.02 mg/L	SM3210
Total Nitrogen	0.05 mg/L	SM4500/4110
Total Zinc	0.013 mg/L	SM3210
Hardness	0.2 mg/L	SM2340B
Total Polychlorinated Biphenyls	0.1 mg/L	SM8082

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Certificate of Analysis

Order No.: **2022100465**

Page: 1 of 1

City of Post Falls Treatment
2002 W. Seltice Way
Post Falls, ID 83854

Project: Stormwater Monitoring

Date Received: 10/24/2022 12:05

Sample: **1** Matrix: Non-Potable Water
Location: Centennial Trail Outfall D/T Collected: 10/24/2022 10:56
Sample Type: Grabs Collected by: Ryan Lawrence

Analyte	Result	Unit	Method	PQL	Analysis Date	Analyst
Phosphorus, Total	0.284	mg/L	EPA 365.1	0.004	10/27/22	WM
Lead	4.55	ug/L	SM 3120B	0.5	11/11/22	WM
Total Suspended Solids	80	mg/L	SM 2540D	1	10/25/22	GF
Zinc	196	ug/L	SM 3120B	0.5	11/11/22	WM

Sample: **2** Matrix: Non-Potable Water
Location: 4th Avenue Outfall D/T Collected: 10/24/2022 11:04
Sample Type: Grabs Collected by: Ryan Lawrence

Analyte	Result	Unit	Method	PQL	Analysis Date	Analyst
Phosphorus, Total	0.246	mg/L	EPA 365.1	0.004	10/27/22	WM
Lead	5.81	ug/L	SM 3120B	0.5	11/11/22	WM
Total Suspended Solids	70	mg/L	SM 2540D	1	10/25/22	GF
Zinc	161	ug/L	SM 3120B	0.5	11/11/22	WM

If the RESULT is 'ND' (Not Detected) or 'Absent', that means the concentration is less than the PQL (Practical Quantitation Limit for this method).

Comments:



Laboratory Supervisor, Digitally signed by: Walter Mueller Date: 11/11/22

Bye friends

Bye bye
Bye bye

Bye bye

Bye bye

**CITY OF POST FALLS STORM WATER PROGRAM
MS4 PERMIT #IDS-028231
FIELD SAMPLE LOG**

SAMPLE DATE: 4/1/23

SAMPLER: (Signature) Ryan Lawrence

SAMPLE COLLECTION INFORMATION:

	CENTENNIAL TRAIL	FOURTH AVENUE
Type of Sample	Grab	Grab
Time of Sample Collection (hhmm)	8:52 A	8:59 A
Preservative Added (Yes/No)	y	y
Samples Transported on Ice (Yes/No)	y	y
Water Temp. (°F)	42°	42°
Depth of Flow (inches)	1"	1.5"
Appearance of Flow (color, oil, odor, trash, turbid, sediment, etc.)	Med-Brown	Brown-Medium
Other Remarks		

Instructions to Laboratory

Parameters to be tested for these samples are:

PARAMETER	PQL	METHOD
Total Suspended Solids	1 mg/L	SM2540D
Total Phosphorus	0.06 mg/L	EPA 365.3
Total Lead	0.02 mg/L	SM3210
Total Nitrogen	0.05 mg/L	SM4500/4110
Total Zinc	0.013 mg/L	SM3210
Hardness	0.2 mg/L	SM2340B
Total Polychlorinated Biphenyls	0.1 mg/L	SM8002

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Certificate of Analysis

Order No.: **2023040002**

Page: 1 of 1

City of Post Falls Treatment
2002 W. Seltice Way
Post Falls, ID 83854

Project: Stormwater Monitoring

Date Received: 04/03/2023 07:58

Sample: **1** Matrix: Non-Potable Water
Location: Centennial Trail Outfall D/T Collected: 04/01/2023 08:52
Sample Type: Grabs Collected by: Ryan Lawrence

Analyte	Result	Unit	Method	PQL	Analysis Date	Analyst
Phosphorus, Total	0.590	mg/L	EPA 365.1	0.004	04/06/23	WM
Lead	10.2	ug/L	SM 3120B	1	04/10/23	WM
Total Suspended Solids	240	mg/L	SM 2540D	1	04/07/23	GF
Zinc	363	ug/L	SM 3120B	2.5	04/10/23	WM

Sample: **2** Matrix: Non-Potable Water
Location: 4th Avenue Outfall D/T Collected: 04/01/2023 08:59
Sample Type: Grabs Collected by: Ryan Lawrence

Analyte	Result	Unit	Method	PQL	Analysis Date	Analyst
Phosphorus, Total	0.416	mg/L	EPA 365.1	0.004	04/06/23	WM
Lead	9.69	ug/L	SM 3120B	1	04/10/23	WM
Total Suspended Solids	170	mg/L	SM 2540D	1	04/07/23	GF
Zinc	249	ug/L	SM 3120B	2.5	04/10/23	WM

If the RESULT is 'ND' (Not Detected) or 'Absent', that means the concentration is less than the PQL (Practical Quantitation Limit for this method).

Comments:



Laboratory Supervisor, Digitally signed by: Walter Mueller Date: 04/12/23

**CITY OF POST FALLS STORM WATER PROGRAM
MS4 PERMIT #IDS-028231
FIELD SAMPLE LOG**

SAMPLE DATE: 5/5/23

SAMPLER: (Signature) Ryan Lawrence

SAMPLE COLLECTION INFORMATION:

	CENTENNIAL TRAIL	FOURTH AVENUE
Type of Sample	Grab	Grab
Time of Sample Collection (hhmm)	8:37 Am	8:44 Am
Preservative Added (Yes/No)	yes	yes
Samples Transported on Ice (Yes/No)	yes	yes
Water Temp. (°F)	58°	58°
Depth of Flow (inches)	2 1/2"	2 3/4"
Appearance of Flow (color, oil, odor, trash, turbid, sediment, etc.)		
Other Remarks		

Instructions to Laboratory

Parameters to be tested for these samples are:

PARAMETER	PQL	METHOD
Total Suspended Solids	1 mg/L	SM2540D
Total Phosphorus	0.06 mg/L	EPA 365.3
Total Lead	0.02 mg/L	SM3210
Total Nitrogen	0.05 mg/L	SM4500/4110
Total Zinc	0.013 mg/L	SM3210
Hardness	0.2 mg/L	SM2340B
Total Polychlorinated Biphenyls	0.1 mg/L	SM40082

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Certificate of Analysis

Order No.: **2023050112**

Page: 1 of 1

City of Post Falls Treatment
2002 W. Seltice Way
Post Falls, ID 83854

Project: Stormwater Monitoring

Date Received: 05/05/2023 09:35

Sample: **1** Matrix: Non-Potable Water
Location: Centennial Trail Outfall D/T Collected: 05/05/2023 08:37
Sample Type: Grabs Collected by: Ryan Lawrence

Analyte	Result	Unit	Method	PQL	Analysis Date	Analyst
Phosphorus, Total	0.480	mg/L	EPA 365.1	0.004	05/10/23	WM
Lead	10.5	ug/L	SM 3120B	0.5	05/09/23	WM
Total Suspended Solids	220	mg/L	SM 2540D	1	05/10/23	GF
Zinc	243	ug/L	SM 3120B	0.5	05/09/23	WM

Sample: **2** Matrix: Non-Potable Water
Location: 4th Avenue Outfall D/T Collected: 05/05/2023 08:44
Sample Type: Grabs Collected by: Ryan Lawrence

Analyte	Result	Unit	Method	PQL	Analysis Date	Analyst
Phosphorus, Total	0.252	mg/L	EPA 365.1	0.004	05/10/23	WM
Lead	7.40	ug/L	SM 3120B	0.5	05/09/23	WM
Total Suspended Solids	124	mg/L	SM 2540D	1	05/10/23	GF
Zinc	138	ug/L	SM 3120B	0.5	05/09/23	WM

If the RESULT is 'ND' (Not Detected) or 'Absent', that means the concentration is less than the PQL (Practical Quantitation Limit for this method).

Comments:



Laboratory Supervisor, Digitally signed by: Walter Mueller Date: 05/11/23

Chain of Custody

2023050112



Accurate Testing Labs

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E-mail: mueller@accuratetesting.com | Internet: http://www.accurate

Chain of Custody

Results & Invoice to: Name: <u>City of Post Falls - WRF</u> Address: <u>2002 W. Seltice Way</u> <u>Post Falls, ID 83858</u> Phone: <u>208-773-1438</u> Fax: _____ Email: <u>atate@postfalls.gov, alyssag@postfalls.gov</u>	Reporting Requirements: Preliminary: FAX Verbal by: <u> / / </u> Final Report: FAX Verbal by: <u> / / </u> Rushes: 48 hrs. Other: _____
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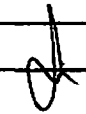
Project Information: Project Name: <u>Stormwater Monitoring</u> Project Number: _____ Purchase Order Number: _____	ANALYSIS REQUEST
--	-------------------------

Name of Sampler:
Ryan Lawrence

Remarks/Sample Conditions *See notes below

0.50

Lab #	Sample ID	Date	Time	Matrix	NO. OF CONTAINERS	Total Zinc	Total Lead	Total Phosphorus	TSS										
112-1	Centennial Trail Outfall	5/5/23	8:37 A	water	3	X	X	X	X										
1-2	4th Avenue Outfall	5/5/23	8:44 A	water	3	X	X	X	X										

Relinquished by: <u>Ryan Lawrence</u>	Date Time <u>5/5/23 9:35 Am</u>	Received by: 	Date Time <u>5-5-23 9:35</u>	Chain of Custody Seals Yes No N/A UPS FedEx Bus <u>Hand</u>
---	---	--	--	---

*Notes for lab analysis:
 Zinc MDL = 2.5 ug/l Lead Phosphorus MDL = 10 ug/l
 MDL = 0.16 ug/l TSS MDL = 5000 ug/l

**CITY OF POST FALLS STORM WATER PROGRAM
MS4 PERMIT #IDS-028231
FIELD SAMPLE LOG**

SAMPLE DATE: 7/10/22

SAMPLER: (Signature) _____

SAMPLE COLLECTION INFORMATION:

	CENTENNIAL TRAIL	FOURTH AVENUE
Type of Sample	Grab	Grab
Time of Sample Collection (hhmm)	1:36 AM 1:57 AM	1:45 PM
Preservative Added (Yes/No)		
Samples Transported on Ice (Yes/No)	Y	Y
Water Temp. (°F)	70	72
Depth of Flow (inches)	2"	3"
Appearance of Flow (color, oil, odor, trash, turbid, sediment, etc.)		Dark Brown oil smell
Other Remarks		///

Instructions to Laboratory

Parameters to be tested for these samples are:

PARAMETER	PQL	METHOD
Total Suspended Solids	1 mg/L	SM2540D
Total Phosphorus	0.06 mg/L	EPA 365.3
Total Lead	0.02 mg/L	SM3210
Total Nitrogen	0.05 mg/L	SM4500/4110
Total Zinc	0.013 mg/L	SM3210
Hardness	0.2 mg/L	SM2340B
Total Polychlorinated Biphenyls	0.1 mg/L	SM8082

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Certificate of Analysis

Order No.: **2023070122**

Page: 1 of 1

City of Post Falls Treatment
2002 W. Seltice Way
Post Falls , ID 83854

Project: Stormwater Monitoring

Date Received: 07/10/2023 14:40

Sample: **1** Matrix: Non-Potable Water
Location: Centennial Trail Outfall D/T Collected: 07/10/2023 13:57
Sample Type: Grabs Collected by: Ryan Lawrence

Analyte	Result	Unit	Method	PQL	Analysis Date	Analyst
Phosphorus, Total	0.608	mg/L	EPA 365.1	0.004	07/13/23	WM
Lead	11.6	ug/L	SM 3120B	0.5	07/17/23	WM
Total Suspended Solids	220	mg/L	SM 2540D	1	07/12/23	TH
Zinc	516	ug/L	SM 3120B	0.5	07/17/23	WM

Sample: **2** Matrix: Non-Potable Water
Location: 4th Avenue Outfall D/T Collected: 07/10/2023 13:45
Sample Type: Grabs Collected by: Ryan Lawrence

Analyte	Result	Unit	Method	PQL	Analysis Date	Analyst
Phosphorus, Total	1.46	mg/L	EPA 365.1	0.004	07/13/23	WM
Lead	34.6	ug/L	SM 3120B	0.5	07/17/23	WM
Total Suspended Solids	900	mg/L	SM 2540D	1	07/12/23	TH
Zinc	980	ug/L	SM 3120B	0.5	07/17/23	WM

If the RESULT is 'ND' (Not Detected) or 'Absent', that means the concentration is less than the PQL (Practical Quantitation Limit for this method).

Comments:



Laboratory Supervisor, Digitally signed by: Walter Mueller Date: 07/25/23

**CITY OF POST FALLS STORM WATER PROGRAM
MS4 PERMIT #IDS-028231
FIELD SAMPLE LOG**

SAMPLE DATE: 9/26/23

SAMPLER: (Signature) Ryan Lawrence

SAMPLE COLLECTION INFORMATION:

	CENTENNIAL TRAIL	FOURTH AVENUE
Type of Sample	Grab	Grab
Time of Sample Collection (hhmm)	2:31 PM	2:37 PM
Preservative Added (Yes/No)	y	y
Samples Transported on Ice (Yes/No)	y	y
Water Temp. (°F)	60°	64°
Depth of Flow (inches)	2"	3"
Appearance of Flow (color, oil, odor, trash, turbid, sediment, etc.)		
Other Remarks		

Instructions to Laboratory

Parameters to be tested for these samples are:

PARAMETER	PQL	METHOD
Total Suspended Solids	1 mg/L	SM2540D
Total Phosphorus	0.06 mg/L	EPA 365.3
Total Lead	0.02 mg/L	SM3210
Total Nitrogen	0.05 mg/L	SM4500/4110
Total Zinc	0.013 mg/L	SM3210
Hardness	0.2 mg/L	SM2340B
Total Polychlorinated Biphenyls	0.1 mg/L	SM48002

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Certificate of Analysis

Order No.: **2023090705**

Page: 1 of 1

City of Post Falls Treatment
2002 W. Seltice Way
Post Falls , ID 83854

Project: Stormwater Monitoring

Date Received: 09/27/2023 09:18

Sample: **1** Matrix: Non-Potable Water
Location: Centennial Trail Outfall D/T Collected: 09/26/2023 14:31
Sample Type: Grabs Collected by: Ryan Lawrence

Analyte	Result	Unit	Method	PQL	Analysis Date	Analyst
Phosphorus, Total	0.293	mg/L	EPA 365.1	0.004	09/28/23	WM
Lead	6.94	ug/L	SM 3120B	0.5	10/10/23	WM
Total Suspended Solids	236	mg/L	SM 2540D	1	10/05/23	WM
Zinc	218	ug/L	SM 3120B	0.5	10/10/23	WM

Sample: **2** Matrix: Non-Potable Water
Location: 4th Avenue Outfall D/T Collected: 09/26/2023 14:37
Sample Type: Grabs Collected by: Ryan Lawrence

Analyte	Result	Unit	Method	PQL	Analysis Date	Analyst
Phosphorus, Total	0.319	mg/L	EPA 365.1	0.004	09/28/23	WM
Lead	9.18	ug/L	SM 3120B	0.5	10/10/23	WM
Total Suspended Solids	116	mg/L	SM 2540D	1	10/05/23	WM
Zinc	215	ug/L	SM 3120B	0.5	10/10/23	WM

If the RESULT is 'ND' (Not Detected) or 'Absent', that means the concentration is less than the PQL (Practical Quantitation Limit for this method).

Comments:



Laboratory Supervisor, Digitally signed by: Walter Mueller Date: 10/10/23

CITY OF POST FALLS
STORMWATER MANAGEMENT PROGRAM
2023 EMPLOYEE TRAINING RECORD

Department/Division: Facilities, Fleet, Streets, Water, Water Reclamation

Date of Training: May 2, 2023

Title or Subject of Training: Proper management and disposal or recycling of used oil, vehicle fluids, toxic materials, and other household hazardous wastes.

Attendance List (print names):

<u>John Beacham</u>	<u>JASON CHAVEZ</u>
<u>Carlos Betancourt</u>	<u>JR Young</u>
<u>Ross Turner</u>	<u>Joseph Hall</u>
<u>ANDREW ARBINI</u>	<u>Caron Benjamin</u>
<u>Jaxon Fieshman</u>	<u>Richard Clark</u>
<u>CRAIG BORRENPOHL</u>	<u>Tim DeWitt Tim DeWitt</u>
<u>Sherril Wright</u>	<u>Darren Bauer</u>
<u>Naomi Slerney</u>	<u>Sason Wells</u>
<u>Rhonda Ellis</u>	<u>Shawn</u>
<u>Naomo Job</u>	<u>Tom Wenzel</u>
<u>Don Ellis</u>	<u>Pod Byrd</u>
<u>Ken Petersen</u>	<u>Matthew Powell</u>
<u>Adam Tate</u>	<u>Paty Roli</u>
<u>Shawn Payne</u>	<u>James Meyer</u>
<u>Stephen Richard</u>	<u>Wally M. Fall</u>
<u>Betty</u>	<u>Brian Culbertson</u>
<u>Lorenza Determan</u>	<u>Richard J. Scott</u>
<u>Riley Estrada</u>	<u>Jesse Mulkins</u>

CLINT BOREN

Chad Worley

Angela Tonasket

~~Dan~~ Whitaker

MIKE C JOHNSON

Rustin Longtin

Wayne Johnson

Bill Vineyard

Matt Johnson

Josh Balback

Alyssa Gensler

Ryan

Deidre



Do's and Don't of Grassy Swales



Grassy Swales in our City are designed to support stormwater runoff.

The City's Surface Water Division would like to remind everyone it is a violation of the Post Falls city code to alter or modify a swale from it's original condition.

1. **13.44.100: PROHIBITED CONDUCT:** Dirt and rocks should not replace the grass or impair the grass in the swales in any way.
2. **13.44.120: ENFORCEMENT:** Enforcement actions will be taken against violators.



Please contact the Surface Water Division for questions.

HOMEOWNERS GUIDE TO GRASSY SWALES

Q. Who is responsible for swale maintenance?
A. In the City of Post Falls, property owners are responsible for the maintenance and care of swales.

RECOMMENDED MAINTENANCE ACTIONS

MONTHLY

- Inspect your swale to make sure rainwater has drained and there is no erosion
- Remove sediment and debris from and around swale.
- Remove weeds and plants that do not belong.
- Check for obstructions or blockage of flow along inflow areas or pipes.



SEASONALLY

- Mow grass no shorter than 3 to 6 inches. Remove grass and compost all grass clippings.
- Adjust mower height to avoid scalping the edges of the side slopes.
- Remove and compost leaves in the fall and spring.

AS NEEDED

- Reseed bare areas to avoid erosion.
- Inspect and maintain or repair components.
- After rainfall, check the swale to ensure the water does not pond longer than 2 or 3 days after a rain storm.

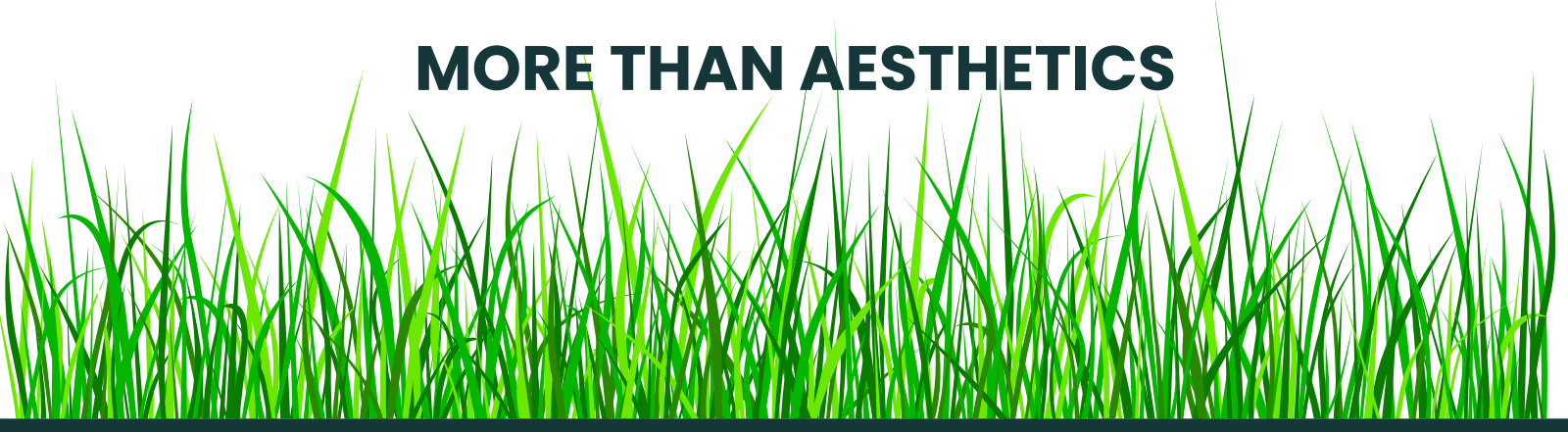


DO NOT:

- Overwater swales
- Replace the grass with rocks or remove or alter your grass swale.
- Dispose of chemicals in your swale.
- Use fertilizer or pesticides in your swale.

GRASSY SWALES

MORE THAN AESTHETICS



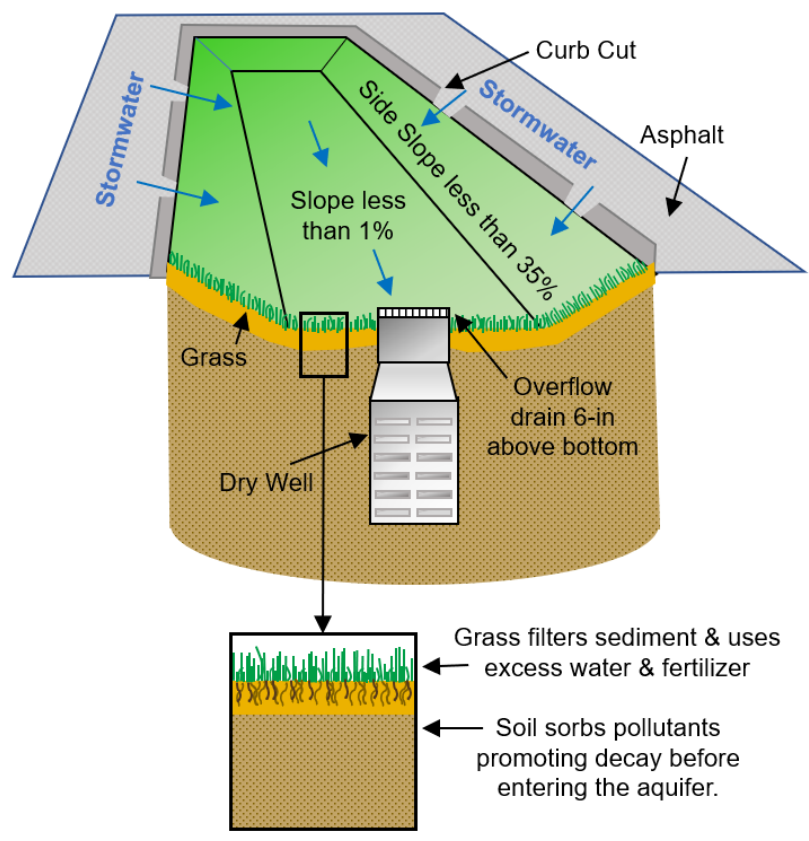
Grassy swales are used in our community to remove the pollutants from stormwater prior to infiltrating into our drinking water source, the Spokane Valley Rathdrum Prairie Aquifer.

Stormwater carries pollutants such as bacteria, heavy metals, oils, gas, grease, nitrogen, phosphorus, and pesticides. The grass acts as a filter pulling pollutants out as the stormwater passes through it.

The processes of pollutant reduction include:

- Using nutrients in the stormwater for growth,
- Trapping oils and grease at the surface where microbes can degrade them, and
- Slowing the flow of stormwater causing heavy metal laden sediments to drop out of solution and be rapped in the upper soil profile.

Therefore, proper maintenance and repair is more than just the aesthetics, it helps to keep our drinking water clean.



Grassy Swale Diagram

Contact Us:



City of Post Falls
Surface Water Division
2002 W Seltice Way
Post Falls, Idaho 83854



208-777-9857



www.postfallsidaho.org



waterreclamation@postfallsidaho.org





EFFICIENT IRRIGATION & LANDSCAPE STANDARDS

A MENU OF OPTIONS FOR PREPARING AND ADOPTING AN ORDINANCE OR STANDARDS



OUR WATER. OUR FUTURE.

Setting Your Purpose

Goal statements that may be incorporated into a water efficient irrigation and landscape ordinance.

6

Landscape & Irrigation

Items to require for a documentation package of landscape and irrigation plans.

10

Design Standards

Design criteria for reducing irrigation water use and using climate appropriate plants.

14

Options to help implement best practices to conserve water during summer months when demand for outdoor water use can be 3-4 times higher.

**PLAY
RAINDROP
PLINKO**

**CITY OF
POST FALLS**

HOW TO PLAY
 • Drop your "raindrop" and see what surfaces it touches and where it finally lands.
 • **PRIZE** for landing in the "blue"

**STORMWATER
RUNOFF
PICKS UP:**
 • Litter
 • Pet Waste
 • Motor Oil
 • Chemicals
 • Detergents
 • Fertilizers

What is Stormwater?
 • Stormwater is rainwater or melted snow that runs off roofs, streets, lawns and other sites.



TRY AGAIN!
TRY AGAIN!
TRY AGAIN!
Spokane River
TRY AGAIN!
TRY AGAIN!



Save our Planet

Litter and trash control and recycling programs



Keeping trash, oils, garbage and other chemicals out of our streets and yards prevents them from coming into contact with stormwater runoff.

By disposing of these items properly and recycling what we can, we will save space in our landfills, reuse recyclables in new ways, and help our environment become more sustainable.

Not sure where to take your items or if certain items can be recycled???

Check out the Kootenai County Waste Directory or call the Kootenai County Solid Waste Department for more information.



<https://spokaneriver.net/wastedirectory/>

Kootenai County Solid Waste Department (208) 446-1430



Scoop the Poop!

Managing pet waste and disposal

We all love our furry friends, but did you know that pet waste can be a major source pollution to stormwater runoff?

When stormwater runoff flows across yards and sidewalks, it can pick up bacteria found in pet feces. This polluted stormwater then enters our local surface waters.



To prevent pet waste pollution to stormwater, always pick up pet waste and dispose of it in a trash can.

According to Post Falls Code **6.08.060**:

“It shall be unlawful and no owner or custodian of any dog shall allow the owner/custodian's dog to soil, defile or defecate on any public property, street, sidewalk, public way, public play area or upon private property other than that which is exclusively owned by the dog owner, unless such owner or custodian immediately removes and disposes of all feces deposited by such dog by the following method:

1. Collection of the feces by appropriate implement and placement in a paper or plastic bag or other container; and
2. Removal of such bag or container to a waste disposal container lawfully available to the owner for sanitary disposal of waste as permitted by law.”





STORMWATER 101

Q. What is Stormwater?

A. Stormwater is rain or snowmelt that does not immediately soak into the ground.

In natural environments and on a global scale, the process of condensation, evaporation, transpiration, and precipitation creates a natural water cycle.

Precipitation and snowmelt naturally absorb into the ground where it is filtered. This water slowly recharges streams, rivers, lakes, and the ground water supplies such as the Spokane Valley Rathdrum Prairie Aquifer.

As the world has urbanized, fewer open green spaces provide infiltration, and the increase in impervious surfaces such as roads, parking lots, and rooftops have created more surface runoff. This surface runoff is also referred to as stormwater.

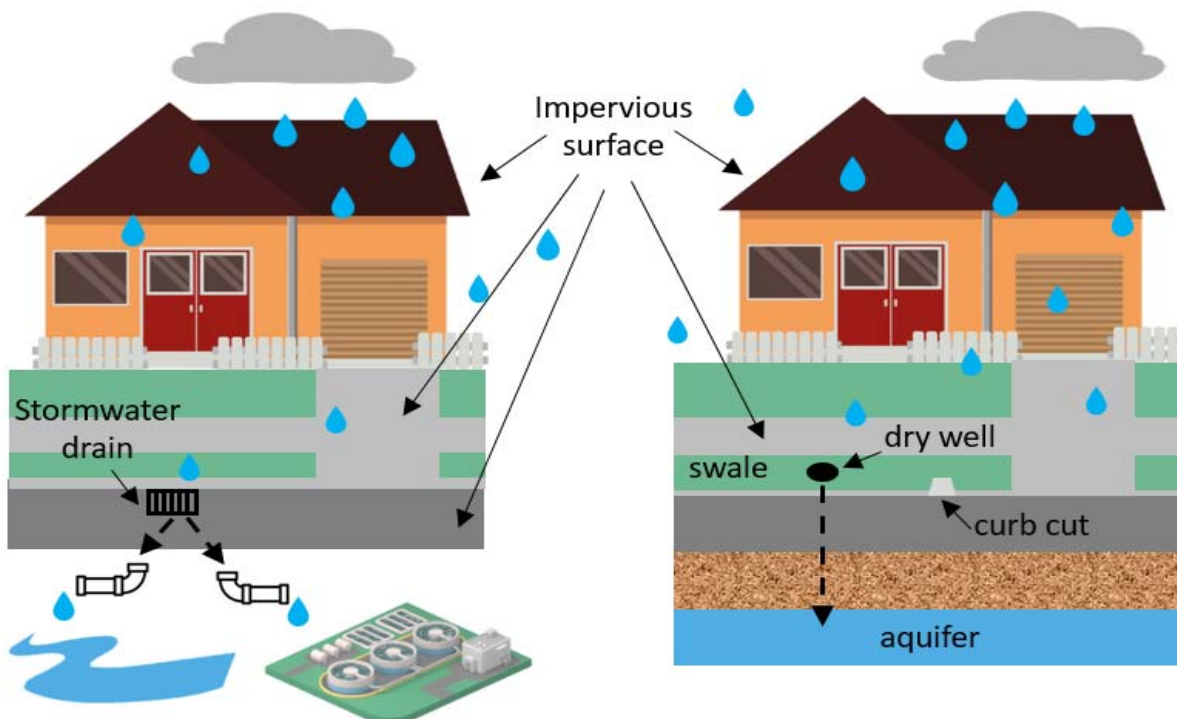
When rain and snowmelt flow over these impervious surfaces, the water will either discharge more rapidly to nearby streams and rivers potentially causing erosion and sedimentation or the water can pick up pollutants, trash, oils, and/or chemicals which can affect the surface water quality for both surface and ground water supplies.

In an urban environment, stormwater runoff is directed to one of the following:

1. Stormwater drains to drain in streets that goes to the rivers or lakes and in some cities (not including the City of Post Falls), treatment plants.

OR

2. Stormwater drains to swale which drains to a dry well that infiltrates into aquifer.



What is stormwater?



Rain and snowmelt are important for healthy wildlife habitat, recreation, and replenishing groundwater supplies in the Spokane Valley-Rathdrum Prairie Aquifer. However, when we replace the natural landscape with rooftops, parking lots, and streets, the water no longer soaks naturally into the ground. Instead, it flows across these hard surfaces as stormwater runoff.



Check out the photos below to learn about the many different places storm drains lead, including the SVRP Aquifer!



Stormwater facilities are designed to help control flooding. They are not disposal systems for handling waste or trash.

POLLUTION IN STORMWATER

Water will carry a bit of everything it touches. Stormwater runoff becomes a really big problem for our rivers, lakes, and aquifer when pollutants from our everyday activities like lawn care, car maintenance, and dog walking are left on the ground for stormwater to wash away.

Other things left in the street can clog storm drains and cause the flooding that the storm drain was meant to prevent.

- PET WASTE
- DIRT, SOIL & SAND
- HERBICIDES & FERTILIZERS
- POOL CHEMICALS
- PAINT
- INSECTICIDES
- MOTOR OIL & GREASE
- TRASH
- LEAVES & GRASS CLIPPINGS
- DIRTY CAR WASH WATER



It's important for local governments and businesses to manage runoff as quickly as possible to prevent flooding, erosion, and water pollution. In our region, storm drains, dry wells and swales are used to handle stormwater runoff and can easily be placed in the curb or gutter during road and parking lot construction.

Where Does Stormwater Go?

In an urban environment:

- Stormwater is collected in pipes and discharged to the Spokane River, streams or other surface water bodies, and/or wastewater treatment facilities.
- Stormwater is directed to swales and dry wells and infiltrated into the ground, eventually reaching the Spokane Valley-Rathdrum Prairie Aquifer.



Stormwater Drains

Stormwater systems have drains along the roads that can flow to streams, rivers, lakes, or wastewater treatment facilities. Most stormwater in our region does not receive treatment and flows directly into a nearby water body. A common phrase to remember is "Only Rain Down the Drain."



Illicit Discharge

Anything other than stormwater that goes into a storm drain or on the ground is called an illicit discharge. There are only a few exceptions to this rule, including discharges from emergency



firefighting operations. If you see an illicit discharge, such as a spill or discharge of pollutants, please call your local water or wastewater provider to report the illicit discharge.

Swales: The natural way to capture stormwater.

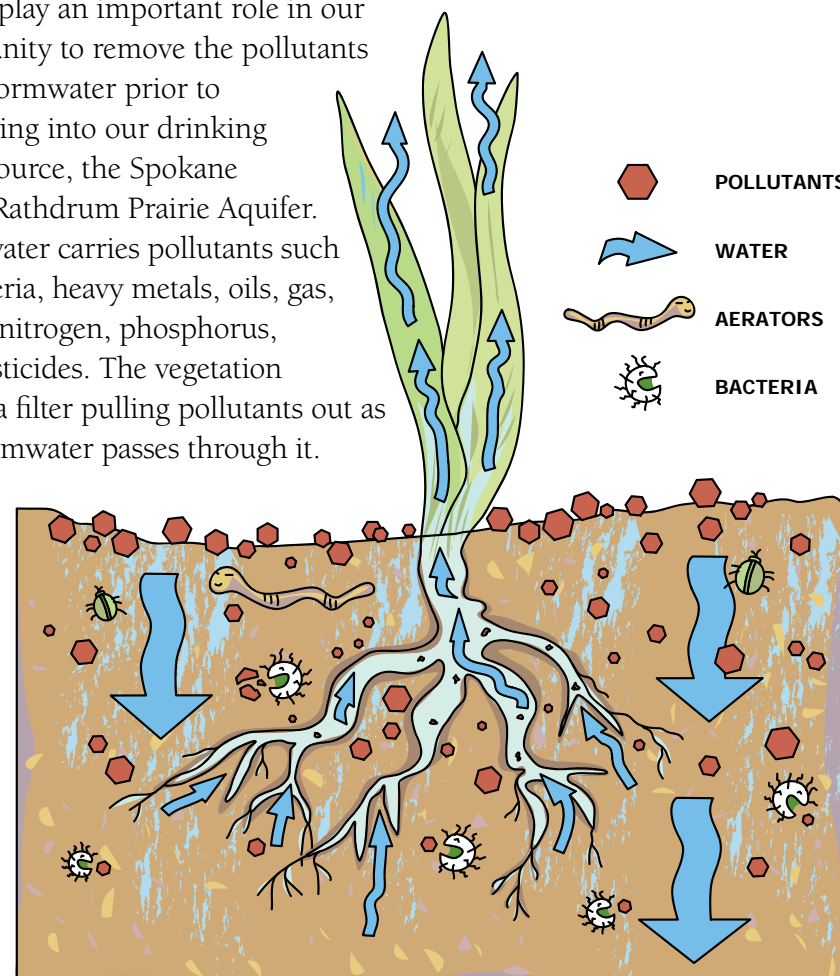
When it rains, the water runs over pavement and other hard surfaces, picking up pollutants along the way. Much of this polluted stormwater runoff historically flowed only to storm drains, which ultimately emptied into rivers, lakes, or infiltrated to the SVRP Aquifer.

In recent years, local governments have been turning to swales rather than storm drains and dry wells to manage runoff. In fact, swales are now the preferred method to handle stormwater runoff!

Swales not only provide for immediate collection of stormwater to reduce flooding, but the ponding of rainfall and snowmelt in the swale allows the water to naturally soak into the ground.

How Do Swales Work?

Swales play an important role in our community to remove the pollutants from stormwater prior to infiltrating into our drinking water source, the Spokane Valley-Rathdrum Prairie Aquifer. Stormwater carries pollutants such as bacteria, heavy metals, oils, gas, grease, nitrogen, phosphorus, and pesticides. The vegetation acts as a filter pulling pollutants out as the stormwater passes through it.

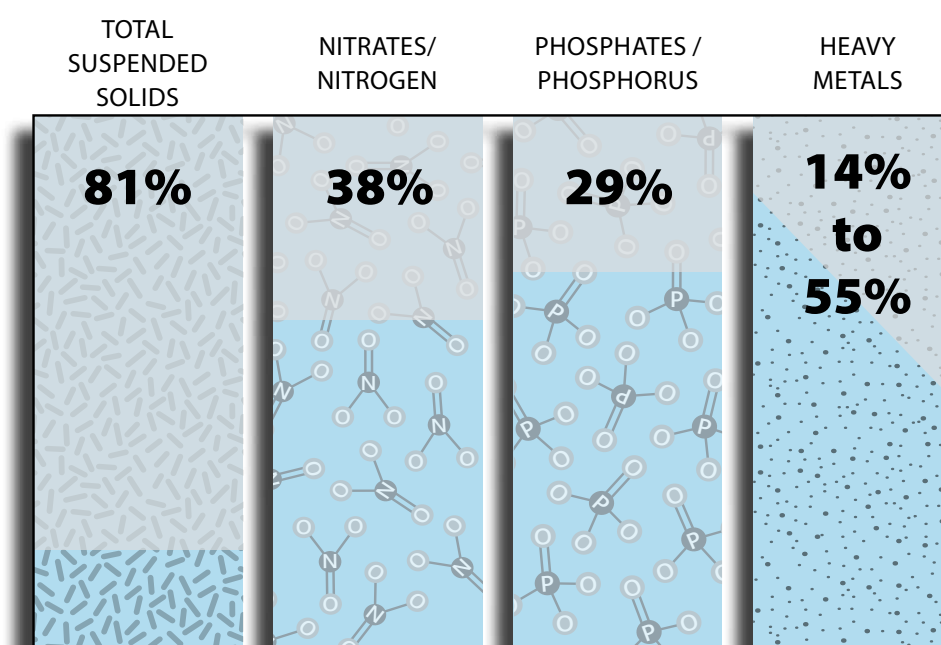


Swales have significant filtering capabilities. As the stormwater flows through a swale, the solid particles settle out and the plants act as a filter to remove contaminants in the water.

Four Important Functions of Swales

- **Adsorption:** The pollutants in water attach to the surface of soil particles, where roots and bacteria can use them, or where they just remain indefinitely.
- **Storage:** Roots, insects, and worms increase the space between soil particles, making more room for stormwater storage.
- **Plant Uptake:** Water, nitrogen, phosphorus, and other trace elements are used for plant growth.
- **Recharge:** The excess stormwater (the water not used by the plants) recharges the groundwater supplies in the aquifer via infiltration.

HOW MUCH POLLUTION CAN SWALES REMOVE FROM STORMWATER?



Low-Impact Development: Naturally Reducing Stormwater Runoff

Low-impact development (LID) preserves and creates natural landscape features. This minimizes hard surfaces and creates functional and appealing site drainage that uses stormwater as a resource rather than a waste product. LID techniques can include bioretention facilities, rain gardens, vegetated rooftops, rain barrels, and porous pavement.

Porous pavement prevents stormwater runoff and allows any rain or snowmelt to soak through the pavement itself and into the soil below. Rain barrels store the rain from rooftops to use for watering lawns or other plants. Vegetated rooftops can reduce stormwater runoff and act as insulation.

Rain gardens and bioretention facilities function like swales and are planted with native and ornamental grasses, shrubs, and trees to filter stormwater. Rain gardens can easily be installed in your front yard to reduce stormwater runoff. Bioretention facilities are engineered for water quality and flow control.



Bioretention facility in Spokane

LID Over the SVRP Aquifer

You can spot LID facilities over the SVRP Aquifer in many places, including the Panhandle Health District in Hayden, Coeur d'Alene High School, Broadway Avenue near Maple in Spokane, and Country Homes Boulevard in Spokane County. You can even see rain barrels in residential yards!

SWALE MAINTENANCE TIPS

A properly maintained swale can help to keep our aquifer clean. The following list will assist homeowners by ensuring their swale can manage runoff efficiently:

- Mow grassed swales to promote healthy growth.
- Don't replace the grass or plants with rocks.
- Minimize the use of lawn and/or garden chemicals.
- Avoid overwatering. Water should pond in the swale only when it rains.
- Remove sediment, litter, branches, leaves, and other debris that accumulates at the inlets so that runoff can flow into the swale.
- Dig up and replace any dead plants or patches of grass.



Shallow dry wells should be installed away from curb cuts in order to pre-treat the water before infiltrating into the well.



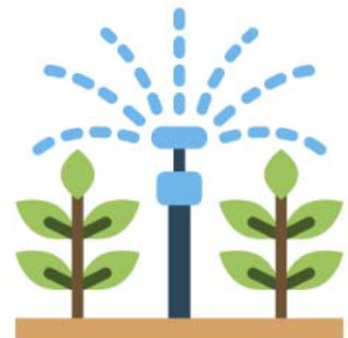
YARD CARE

Reduce pollution to storm drains

The chemicals we use to keep our yards perfect also find their way into the water we drink, swim in and the fish we eat. As stormwater travels across our yards, these chemicals are picked up and has the potential to travel straight into our lakes and rivers.

You can reduce pollution going to our storm drains by making these simple changes:

1. Water your lawn only when needed. Overwatering created excess runoff.
2. Adjust sprinklers to prevent excess water from entering streets and sidewalks.
3. Read product labels and follow the manufacturer's directions when applying fertilizer.
4. Avoid applying fertilizers before a large rainstorm.
5. Use organic fertilizers or phosphorus free fertilizers when possible.
6. Bag-up yard waste such as leaves and grass clippings and dispose of them in your garbage collection or compost if possible.
7. Re-seed and re-plant bare areas of your lawn to prevent erosion.





Public Works Department
Surface Water Division

December 1, 2023

Regional Administrator, Coeur d'Alene Regional Office
Idaho Department of Environmental Quality
Attn: Water Quality Program
Coeur d'Alene Regional Office
2110 Ironwood Parkway
Coeur d'Alene, ID 83814

RE: Annual Report for MS4 Permit IDS-028231, City of Post Falls

Pursuant to the referenced permit, Part 6.4.2, the enclosed Annual Report summarizes the City of Post Falls' storm water program activities from October 1, 2022 to September 30, 2023. This report will also be posted on the City's website. The City would like to update page 1 of the annual report for email address and Facility Site (physical) Address. The City's email address for surface water is surfacewater@postfalls.gov and the Facility Address is 408 N. Spokane Street, Post Falls, ID 83854. If you have any questions or need additional information, please contact the undersigned at (208) 773-3511.

"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 the 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."

Sincerely,

A handwritten signature in black ink, appearing to read "Craig M. Borrenpohl", is written over a horizontal line.

Craig M. Borrenpohl, P.E. MPA
Utilities Manager
Department of Public Works

Encl.

c: Shannon Howard, City Clerk
Adam Tate, Chief Operator
Alyssa Gersdorf, Environmental Specialist