

Municipal Separate Storm Sewer (MS4) Annual Report

MS4 Permittee Name/Organization:

CITY OF POST FALLS MS4

NPDES Permit Number:

Indicate Annual Report Number & Reporting Period:

- Year 1 Reporting Period:** Oct. 1, 2019 – **Sept. 30, 2020** – **Annual Report Due Date:** Dec. 1, 2020
- Year 2 Reporting Period:** Oct. 1, 2020 – **Sept. 30, 2021** – **Annual Report Due Date:** Dec. 1, 2021
- Year 3 Reporting Period:** Oct. 1, 2021 – **Sept. 30, 2022** – **Annual Report Due Date:** Dec. 1, 2022
- Year 4 Reporting Period:** Oct. 1, 2022 - **Sept. 30, 2023** – **Annual Report Due Date:** Dec. 1, 2023
- Year 5 Reporting Period:** Oct. 1, 2023 - **Sept. 30, 2024** – **Annual Report Due Date:** Sept. 30, 2024
- 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:// www.postfallsidaho.org/departments/public-works/surface-water/](http://www.postfallsidaho.org/departments/public-works/surface-water/)

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

7. There has not been a Transfer of Ownership or Operational Authority during the current reporting period.

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. This Permittee's Stormwater Program is developing a program to conduct education, outreach, and involvement activities required by the permit.

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: Stormwater educational messages regarding proper swale maintenance were mailed via postcard to addresses in the MS4 area which includes the general public and local businesses. Staff is in the initial phases of developing an outreach program to participate in local business fairs that involves informational handouts and brochures on relevant stormwater topics. Staff also developed a stormwater plinko board for an interactive educational tool for kids and adults at outreach events. Also in progress are outreach newsletters and/or topics which are being developed for engagement and posting on social media for the next reporting period.

See comment section below for further description.

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 permit requirement for assessing and understanding target audiences is in the process of development and will be implemented before September 2025.

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.

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.

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

:

www.postfallsidaho.org/departments/public-works/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. Staff prepared an educational postcard on grassy swales that discussed the importance of swales and proper maintenance for swales. Improper use of swales has been identified as a problem in the City's MS4 area. (see attached)
2. Staff are participating 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.
3. Staff created a 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.
4. Staff participated in the developed of the "Efficient Irrigation and Landscape Standards" booklet published by IWAC and can also be found online at <https://www.iwac.us/irrigation-and-landscape-guidelines/> and cover sheet attached.

5. Staff is currently developing a logo and outreach materials to present at outreach events for the 2022 year. Staff is also putting together target messages for the selected target audiences to be released on social media during the 2022 year.

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@postfallsidaho.org, <https://www.postfallsidaho.org/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:** zero complaints/reports received

22. **Number of Illicit Discharge Complaints/Reports Investigated through field visits, sampling or other follow-up action** zero

23. **Number of Illicit Discharge Complaints/Reports Resolved:** n/a

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. n/a

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. The Stormwater program is in the process of providing this information and education to employees and the public by September 2025.

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.

Staff conducted an illicit discharge investigation of a fountain overflow which was discharging to the MS4 system. Corrective action was taken to eliminate this discharge.

Irrigation flows from housing complex investigated.

Staff continued to investigate minor unknown flows utilizing camera equipment to help identify possible sources.

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. The Stormwater program is in the process of completing this permit requirement and will implement this activity before September 2025.

Please explain why this Permit Requirement does not apply.

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. The Stormwater program is in the process of completing this permit requirement and will implement this activity before September 2025.

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.

Staff and the appropriate City departments are in the process of updating construction site runoff control as required by the permit.

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. The Stormwater program is in the process of completing this permit requirement before September 2025.

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. The Stormwater program is in the process of completing this permit requirement before September 2025.

Please explain why this Permit Requirement does not apply.

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. The Stormwater program is in the process of completing this permit requirement before September 2025.

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. The Stormwater program is in the process of completing this permit requirement before September 2025.

Please explain why this Permit Requirement does not apply.

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. The Stormwater program is in the process of completing this permit requirement before September 2025.

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.

Staff and the appropriate City departments are in the process of reviewing and updating permanent stormwater control requirements as required by the permit.

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 document.**

- 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 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. The Stormwater program is in the process of implementing this permit requirement before September 2025.

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. The Stormwater program is in the process of implementing this permit requirement before September 2025.

Please explain why this Permit Requirement does not apply.

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. The Stormwater program is in the process of implementing this permit requirement before September 2025.

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

Staff and the appropriate City departments are in the process of reviewing and updating requirements for pollution prevention/good housekeeping for MS4 Operations as required by the permit.

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:

Stormwater program staff began sampling for phosphorus, lead, zinc, and total suspended solids at the two outfalls at the required permit sampling frequency. Results are attached.

Staff is currently working on the development of a Monitoring/Assessment Plan and description of a Pollutant Reduction Activity as required by the permit which has a submittal deadline of October 1, 2022.

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 City is not submitting 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.

Stormwater program staff began sampling for phosphorus, lead, zinc, and total suspended solids at the two outfalls at the required permit sampling frequency. Results are attached.

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."

Accurate Testing Labs, LLC

7950 Meadowlark Way
Coeur d'Alene, ID 83815
Phone (208) 762 8378 Fax (208) 762 9082
www accuratetesting.com
info@accuratetesting.com

Certificate of Analysis

Order No.: **2021040167**

Page: 1 of 1

City of Post Falls Treatment

2002 W. Seltice Way

Post Falls , ID 83854

Project: Stormwater Monitoring

Date Received: 04/08/2021 09:42

Sample: **1**
Location: Centennial Trail Outfall
Sample Type: Grabs

Matrix: Non-Potable Water
D/T Collected: 04/08/2021 07:55
Collected by: Keith Hardy

Analyte	Result	Unit	Method	PQL	Analysis Date	Analyst
Phosphorus, Total	0.272	mg/L	EPA 365.1	0.013	04/15/21	WM
Lead	4.06	ug/L	SM 3120B	0.5	04/14/21	WM
Zinc	925	ug/L	SM 3120B	1.0	04/14/21	WM
Total Suspended Solids	63	mg/L	SM 2540D	1	04/19/21	JD

Sample: **2**
Location: 4th Avenue Outfall
Sample Type: Grabs

Matrix: Non-Potable Water
D/T Collected: 04/08/2021 08:05
Collected by: Keith Hardy

Analyte	Result	Unit	Method	PQL	Analysis Date	Analyst
Lead	4.63	ug/L	SM 3120B	0.5	04/14/21	WM
Phosphorus, Total	0.214	mg/L	EPA 365.1	0.013	04/15/21	WM
Zinc	116	ug/L	SM 3120B	1.0	04/14/21	WM
Total Suspended Solids	63	mg/L	SM 2540D	1	04/19/21	JD

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: 04/19/21

Stormwater Field Sample Log
City of Post Falls Stormwater Program
MS4 Permit #IDS-028231

Sample Date: 4-8-21
 Sampler: Keith Hardy
 Sample Collection Information

	Centennial Trail	Fourth Avenue
Type of Sample	Rain Event	Rain Event
Time of Sample Collection	7:55 AM	8:05 AM
Preservative Added (Y/N)	YES	YES
Samples Transported on Ice (Y/N)	YES	YES
Water Temp (F)	42° F	42° F
Dept of Flow (inches)	1"	2"
Appearance of Flow (color, oil, odor, trash, turbid, sediment, etc)	Grey in color	Mostly Clear.
Other Remarks	NO SMELL	NO SMELL

Instructions to lab:

Analysis required:

Parameter	PQL	Method
Total Lead	0.16 ug/l	SM 3210B
Total Zinc	2.5 ug/l	SM 3210B
Total Phosphorus	10 ug/l	EPA 365.1
TSS	5000 ug/l	SM 2540D

Stormwater Field Sample Log
City of Post Falls Stormwater Program
MS4 Permit #IDS-028231

Sample Date: 5-20-21
 Sampler: Keith Hardy
 Sample Collection Information

	Centennial Trail	Fourth Avenue
Type of Sample	storm water	storm water
Time of Sample Collection	6:45 AM	7:00 AM
Preservative Added (Y/N)	yes	yes
Samples Transported on Ice (Y/N)	yes	yes
Water Temp (F)	45°	51°
Dept of Flow (inches)	1"	2"
Appearance of Flow (color, oil, odor, trash, turbid, sediment, etc)	NO odor mostly clear	NO odor lots of suds in water mostly clear
Other Remarks		

Instructions to lab:

Analysis required:

Parameter	PQL	Method
Total Lead	0.16 ug/l	SM 3210B
Total Zinc	2.5 ug/l	SM 3210B
Total Phosphorus	10 ug/l	EPA 365.1
TSS	5000 ug/l	SM 2540D

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www accuratetesting.com
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Certificate of Analysis

Order No.: **2021050370**

Page: 1 of 1

City of Post Falls Treatment

2002 W. Seltice Way

Post Falls , ID 83854

Project: Stormwater Monitoring

Date Received: 05/20/2021 08:18

Sample: **1** Matrix: Non-Potable Water
Location: Cntennial Trail Oufall D/T Collected: 05/20/2021 06:45
Sample Type: Grabs Collected by: Keth Hardy

Analyte	Result	Unit	Method	PQL	Analysis Date	Analyst
Phosphorus, Total	0.217	mg/L	EPA 365.1	0.013	05/27/21	WM
Lead	2.94	ug/L	SM 3120B	0.5	06/11/21	WM
Zinc	221	ug/L	SM 3120B	1.0	06/11/21	WM
Total Suspended Solids	53	mg/L	SM 2540D	1	05/28/21	JD

Sample: **2** Matrix: Non-Potable Water
Location: 4th Avenue Oufall D/T Collected: 05/20/2021 07:00
Sample Type: Grabs Collected by: Keth Hardy

Analyte	Result	Unit	Method	PQL	Analysis Date	Analyst
Lead	6.40	ug/L	SM 3120B	0.5	06/11/21	WM
Phosphorus, Total	0.730	mg/L	EPA 365.1	0.013	05/27/21	WM
Zinc	221	ug/L	SM 3120B	1.0	06/11/21	WM
Total Suspended Solids	147	mg/L	SM 2540D	1	05/28/21	JD

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: 06/11/21

Chain of Custody

Accurate Testing Labs

7950 Meadowlark Way | Coeur d'Alene, ID 83815 | Phone: (208) 762-8378 | Fax: (208) 762-9082
 E-mail: mueller@accuratetesting.com | Internet: <http://www.accuratetesting.com>

Results & Invoice to:					Reporting Requirements:										Name of Sampler: Remarks/Sample Conditions *See notes below							
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@postfallsidaho.org</u>					Preliminary: FAX Verbal by: <u> / / </u> Final Report: FAX Verbal by: <u> / / </u> Rushes: 48 hrs. Other: _____																	
Project Information:					ANALYSIS REQUEST																	
Project Name: <u>Stormwater Monitoring</u> Project Number: _____ Purchase Order Number: _____					NO. OF CONTAINERS	Total Zinc	Total Lead	Total Phosphorus	TSS													
Lab #	Sample ID	Date	Time	Matrix																		
050 1 370-1	Centennial Trail Outfall	5-20-21	6:45 AM	water	3	X	X	X	X													
-2	4th Avenue Outfall	5-20-21	7:00 AM	water	3	X	X	X	X													
Relinquished by:					Date Time		Received by:					Date Time		Chain of Custody Seals								
<i>Andy R. McManis</i>					5-20-21 8:18		<i>[Signature]</i>					5-20-21 8:18		Yes No N/A UPS FedEx Bus Hand								

*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

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www accuratetesting.com
info@accuratetesting.com

Certificate of Analysis

Order No.: **2021080198**

Page: 1 of 1

City of Post Falls Treatment

2002 W. Seltice Way

Post Falls , ID 83854

Project: Stormwater Monitoring

Date Received: 08/09/2021 09:05

Sample: **1** Matrix: Non-Potable Water
Location: Centennial Trail Outfall D/T Collected: 08/08/2021 17:45
Sample Type: Grabs Collected by: Tom Ott

Analyte	Result	Unit	Method	PQL	Analysis Date	Analyst
Phosphorus, Total	1.51	mg/L	EPA 365.1	0.013	08/12/21	WM
Lead	24.8	ug/L	SM 3120B	0.5	08/18/21	WM
Zinc	1642	ug/L	SM 3120B	1.0	08/18/21	WM
Total Suspended Solids	480	mg/L	SM 2540D	1	08/12/21	GM

Sample: **2** Matrix: Non-Potable Water
Location: 4th Avenue Outfall D/T Collected: 08/08/2021 18:15
Sample Type: Grabs Collected by: Tom Ott

Analyte	Result	Unit	Method	PQL	Analysis Date	Analyst
Lead	10.7	ug/L	SM 3120B	0.5	08/18/21	WM
Phosphorus, Total	0.874	mg/L	EPA 365.1	0.013	08/12/21	WM
Zinc	627	ug/L	SM 3120B	1.0	08/18/21	WM
Total Suspended Solids	160	mg/L	SM 2540D	1	08/12/21	GM

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: 08/18/21

Stormwater Field Sample Log
City of Post Falls Stormwater Program
MS4 Permit #IDS-028231

Sample Date:

Sampler:

Sample Collection Information

8-8-21

	Centennial Trail	Fourth Avenue
Type of Sample	GRAB	GRAB
Time of Sample Collection	5:45 P	6:15 P
Preservative Added (Y/N)	Y	Y
Samples Transported on Ice (Y/N)	Y	Y
Water Temp (F)	16°C	20°C
Dept of Flow (inches)	0', 2.5"	0' 3"
Appearance of Flow (color, oil, odor, trash, turbid, sediment, etc)	VERY DARK GREY, MINIMAL OIL SMELL, HEAVY SEDIMENT, SOLIDS	VERY DARK GREY/BLACK MODERATE OIL SMELL HEAVY SEDIMENT AND SOLIDS
Other Remarks		

Instructions to lab:

Analysis required:

Parameter	PQL	Method
Total Lead	0.16 ug/l	SM 3210B
Total Zinc	2.5 ug/l	SM 3210B
Total Phosphorus	10 ug/l	EPA 365.1
TSS	5000 ug/l	SM 2540D

Accurate Testing Labs, LLC

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Certificate of Analysis

Order No.: **2021090216**

Page: 1 of 1

City of Post Falls Treatment

2002 W. Seltice Way

Post Falls , ID 83854

Project: Stormwater Monitoring

Date Received: 09/13/2021 07:55

Sample: **1** Matrix: Non-Potable Water
Location: Centennial Trail Outfall D/T Collected: 09/10/2021 18:55
Sample Type: Grabs Collected by: Rod Byrd

Analyte	Result	Unit	Method	PQL	Analysis Date	Analyst
Phosphorus, Total	0.419	mg/L	EPA 365.1	0.013	09/16/21	WM
Lead	6.19	ug/L	SM 3120B	0.5	09/24/21	WM
Zinc	834	ug/L	SM 3120B	1.0	09/24/21	WM
Total Suspended Solids	102	mg/L	SM 2540D	1	09/15/21	WM

Sample: **2** Matrix: Non-Potable Water
Location: 4th Avenue Outfall D/T Collected: 09/10/2021 18:30
Sample Type: Grabs Collected by: Rod Byrd

Analyte	Result	Unit	Method	PQL	Analysis Date	Analyst
Lead	11.6	ug/L	SM 3120B	0.5	09/24/21	WM
Phosphorus, Total	0.936	mg/L	EPA 365.1	0.013	09/16/21	WM
Zinc	420	ug/L	SM 3120B	1.0	09/24/21	WM
Total Suspended Solids	283	mg/L	SM 2540D	1	09/15/21	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: 09/27/21

Chain of Custody

Accurate Testing Labs

7950 Meadowlark Way | Coeur d'Alene, ID 83815 | Phone: (208) 762-8378 | Fax: (208) 762-9082
 E-mail: mueller@accuratetesting.com | Internet: <http://www.accuratetesting.com>

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@postfallsidaho.org</u>						Reporting Requirements: Preliminary: FAX Verbal by: <u> / / </u> Final Report: FAX Verbal by: <u> / / </u> Rushes: 48 hrs. Other: _____						Name of Sampler: <u>Rod Byrd</u>		
Project Information: Project Name: <u>Stormwater Monitoring</u> Project Number: _____ Purchase Order Number: _____						ANALYSIS REQUEST							Remarks/Sample Conditions *See notes below	
					NO. OF CONTAINERS	Total Zinc	Total Lead	Total Phosphorus	TSS					
Lab #	Sample ID	Date	Time	Matrix										
090 1	216-1 -2	9-10-21	6:55pm	water	3	X	X	X	X					
					3	X	X	X	X					
Relinquished by: <u>[Signature]</u>						Date Time: <u>9-13-21 7:55</u>		Received by: <u>[Signature]</u>			Date Time: <u>9-13-21 7:55</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
 MDL = 0.16 ug/l

Phosphorus MDL = 10 ug/l
 TSS MDL = 5000 ug/l

Stormwater Field Sample Log
City of Post Falls Stormwater Program
MS4 Permit #IDS-028231

Sample Date: 9/10/21
 Sampler: Rod Byrd
 Sample Collection Information

	Centennial Trail	Fourth Avenue
Type of Sample	Rain Event	Rain Event
Time of Sample Collection	6:55 Pm	6:30 Pm
Preservative Added (Y/N)	Yes	Yes
Samples Transported on Ice (Y/N)	Yes	Yes
Water Temp (F)	68°F	69°F
Dept of Flow (inches)	1 1/2"	1 3/4"
Appearance of Flow (color, oil, odor, trash, turbid, sediment, etc)	Light Brown	Dark dirty brown
Other Remarks	No Smell	no Smell

Instructions to lab:

Analysis required:

Parameter	PQL	Method
Total Lead	0.16 ug/l	SM 3210B
Total Zinc	2.5 ug/l	SM 3210B
Total Phosphorus	10 ug/l	EPA 365.1
TSS	5000 ug/l	SM 2540D

Table 1: MS4 Sample Results

Centennial Trail Outfall

Date	4/8/2021	5/20/2021	8/8/2021	9/10/2021
Phos (mg/l)	0.272	0.217	1.51	0.419
Lead (ug/l)	4.06	2.94	24.8	6.19
Zinc (ug/l)	925	221	1642	834
TSS (mg/l)	63	53	480	102
Field Temp	42 F	45 F	16 C	68 F

4th Avenue Outfall

Date	4/8/2021	5/20/2021	8/8/2021	9/10/2021
Phos (mg/l)	0.214	0.73	0.874	0.936
Lead (ug/l)	4.63	6.4	10.7	11.6
Zinc (ug/l)	116	221	627	420
TSS (mg/l)	63	147	160	283
Field Temp	42 F	51 F	20 C	69 F



City of Post Falls

Office of the Mayor

November 16, 2021

Idaho Department of Environmental Quality
Coeur d'Alene Regional Office
2110 Ironwood Parkway
Coeur d'Alene, ID 83814

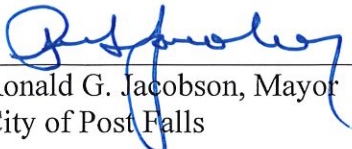
To Whom It May Concern:

NPDES Permit #IDS-028231 was reissued to the City of Post Falls on November 1, 2020. Per Part 8.4 of the Permit, as the ranking elected official for the City of Post Falls, I hereby authorize the following individuals (or positions) to sign all reports required by the permit and other information requested by the Director of DEQ:

<u>Name</u>	<u>Position</u>
John Beacham	Public Works Director
Craig Borrenpohl	Utilities Manager

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,



Ronald G. Jacobson, Mayor
City of Post Falls

c: John Beacham, Public Works Director
Craig Borrenpohl, Utilities Manager



Public Works Department
Surface Water Division

November 23, 2021

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 November 1, 2020 to September 30, 2021. This report will also be posted on the City's website. 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 blue ink, appearing to read "Craig M. Borrenpohl".

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

What is a GRASSY SWALE???

Flip to the back to learn more!

This information is provided as part of the City's annual public information program regarding storm water pollution prevention. This is for your information only. You are receiving this information because our records indicate you have or use property served by the portion of the City's storm sewer system (MS4) which sends storm water to the Spokane River.

For more information please contact us at:

City of Post Falls—Surface Water Division
www.postfallsidaho.org 208-777-9857
surfacewater@postfallsidaho.org

CURRENT RESIDENT

2600A E SELTICE WAY

POST FALLS, ID 83854

City stormwater is directed to either:

1. pipes that discharge to the Spokane River; or
2. grassy swales and dry wells that infiltrate to the Spokane Valley Rathdrum Prairie aquifer.



GRASSY SWALES—MORE THAN AESTHETICS

-Stormwater carries pollutants such as bacteria, heavy metals, oils, nitrogen, phosphorus, and pesticides.

-When stormwater enters a grassy swale, the swale acts as a filter pulling pollutants out of the stormwater. The vegetation uses excess water and fertilizer while the soil sorbs some of the present pollutants.

-Once the water in the swale reaches the drywell, it is drained to the groundwater.

SWALE MAINTENANCE

- Don't over water.
- Maintain irrigation systems.
- Fertilize sparingly.
- Maintain the grass.
- Don't replace the grass with rocks.
- Watch for grass die off.
- Keep inlets clear.
- Take harmful material to your local hazardous waste disposal site.
- Do not remove or alter the swale.



**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.



- Spoon
- TRY AGAIN!
- TRY AGAIN!
- Spoon
- TRY AGAIN!
- TRY AGAIN!



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.