

## Municipal Separate Storm Sewer (MS4) Annual Report

**MS4 Permittee Name/Organization:**

CALDWELL MS4, CITY OF

**Enter the name of co-permittee submitting report (if applicable):****NPDES Permit Number:**

Indicate Annual Report Number &amp; 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**

Year 2 Reporting Period: Oct 1, 2021 - Sept 30, 2022

### Section I General Information

**MS4 Facility Contact Name:****MS4 Contact Telephone:****MS4 Contact Email Address:**

rmacdonald@cityofcaldw

**MS4 Facility Contact Type:**

Owner    Operator    Main Contact

**MS4 Facility Site (physical) Address:**

OFFICE OF THE CITY EN

**MS4 Facility Site City, State, Zip Code:**

CALDWELL, ID, 83605

**MS4 Facility Mailing Address:**

PO Box 1179, CALDWELL

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

Boise River, Indian Creek, Mason Creek

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**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.cityofcaldwell.org/departments/engineering/storm-water#ad-image-0](http://https://www.cityofcaldwell.org/departments/engineering/storm-water#ad-image-0)

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. "SWMP Appendix C: City of Caldwell MS4 Map - Oct 2022" has been updated since the last annual report.

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.

## Section II Comments

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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. City of Caldwell is a member of Partners for Clean Water.

<https://www.partnersforcleanwater.org/>

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

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: Rake Up Caldwell Day 11/6/2021; Caldwell Cleanup Day 4/23/2022; Caldwell Beautification Day 7/23/2022; Watershed Watch 9/22/2022; Partners for Clean Water - Permanent Stormwater Control Training 9/15/2022

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. Item is incomplete, but is due 9/30/2025.

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. Item is incomplete, but is due 9/30/2025.

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.

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.cityofcaldwell.org/departments/engineering/storm-water#ad-image-1>

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.*

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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:

[https://codelibrary.amlegal.com/codes/caldwellid/latest/caldwell\\_id/0-0-0-20260](https://codelibrary.amlegal.com/codes/caldwellid/latest/caldwell_id/0-0-0-20260)

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:

<https://www.cityofcaldwell.org/departments/engineering/storm-water#ad-image-0>

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: 34**

22. **Number of Illicit Discharge Complaints/Reports Investigated through field visits, sampling or other follow-up action 34**

23. **Number of Illicit Discharge Complaints/Reports Resolved: 33**

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. Permittee has not yet developed a formal dry-weather monitoring plan. Existing inspection prioritization is based on outfalls not yet inspected during this permit term.

Please explain why this Permit Requirement does not apply.

26. **Total Number of MS4 Outfalls in the Permittee's jurisdiction of the Permit Area: 305**

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.

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? 19**

**How many of these identified dry weather discharges were sampled or otherwise investigated to determine the discharge source? 19**

**How many of the identified dry weather discharges resulted in the Permittee action to address and eliminate the discharge source? 0**

**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 19**

**Total number of MS4 outfalls identified to date, as having dry weather flows from irrigation or groundwater seepage 57**

*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.

33. Outstanding item is Montana Timber Products at 3605 Arthur. IPDES staff are assessing whether MSGP is needed at this site with poor containment practices.

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**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.

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. Although some mechanisms are in place for enforcement, we believe that further improvements to our ordinance are needed to make each "escalating" step clearer to enact. (See Caldwell Ordinance 04-19-15, which is relatively brief.)

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.

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.

33. At the site work design phase, as a part of (Engineering's) plan review: developments larger than 1 acre are presently required to share a copy of their SWPPP with the City. Commercial developments are required to supply an erosion and sediment control

sheet in their plan set. Per City ordinance, sites larger than 1 acre are required to get an erosion and sediment control permit. Per City ordinance, developments smaller than 1 acre are not are not required to get an erosion and sediment control permit. These smaller sites can still be subject to City ESC inspection by prioritization (or complaint), and they are expected to follow ordinance by using ESC BMP's and utilize control mechanisms. (Ord. 04-19-11) On that note, our erosion and sediment control permit program is a work-in-progress. We do not presently have the necessary staff to run the formal ESC permit program as it is written in our ordinance.

Additional staff are budgeted for FY2023, but staffing shortages in the City's HR department have caused delay.

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## **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. This performance standard is not yet in place. We have performed research and calculations to estimate the 95 percentile 24 hour event to be 0.61" in Caldwell, ID. At present, our design requirements are dependent on each particular site's proximity to an available drain (agricultural drain). Sites which are able to access (overflow to) a drain must provide storage capacity for the maximum 25 year event, using Caldwell's IDF table. Of these, the first 0.20" must be contained within the facility, before the facility can overflow to the nearest drain. Sites which are not able to access (overflow to) a drain must provide storage capacity for the maximum 100 year event, using Caldwell's IDF table. All flow is contained within the facility.

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: Caldwell Municipal Stormwater Management Manual

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.

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 program to execute prioritization and inspection of permanent stormwater controls is not yet set up.

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.

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. An inventory of permanent stormwater controls can be created using GIS data, but as mentioned in question 42, this program has not yet been set up.

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.

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.

43. Yes, maintenance of permanent stormwater controls is required by City ordinance 13-01-05(3).

45. At present, the City has a few mechanisms staged to facilitate maintenance of privately-owned stormwater infrastructure.

- City Ordinance (See City Ordinance 13-01-03(8); 13-01-0S(I)(B); 13-01-05(3))
- Stormwater Management Manual (Policy)
- Order of Decision (Development Agreement with Developer)
- Final Plat of a Development (Plat Notes include requirement for HOA to maintain all common lots that they own.)

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### **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. Staffing shortages and conflicting priorities in Caldwell Street Dept during this permit cycle. I am recommending reallocation of street sweeper operators to vacuum truck operator positions to our PW Director.

Please explain why this Permit Requirement does not apply.

**Total Number of catch basins and inlets inspected this reporting period 69**

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.

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.

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. This description is incomplete in the SWMP at present. We are working through creation of SWPPPs for City Facilities. Stormwater inspection staff need to perform inspections of each of these facilities during this permit term to ensure that the content is current. To the best of our knowledge, operation and maintenance activities are conducted in a manner that protects water quality and minimizes discharge of pollutants to the MS4.

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. As discussed in the SWMP, City stormwater staff will draft and implement SWPPPs for Street Department, Parks Department, and the Gravel Pit operations. This item is incomplete at present. We have an open contract with HDR Inc to develop a SWPPP for the Street Department at present.

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.

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

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## **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:**

Monitoring Plan has been developed and was submitted to Idaho DEQ via E-Permitting on 9/29/2022.

Pollutant Reduction Activity 1: Wash Rack (Bay) Expansion is under design via a professional services contract with HDR Inc. Survey and geotechnical investigation are complete. LiGO/Marshall GIS tracking devices and software are installed on our vacuum trucks and sweepers. Monthly reporting is also set up and functional.

Pollutant Reduction Activity 2: City has received processed MST Ph 2 samples, but have yet to make sense of the data. We will need to collect additional MS4 ecoli samples from outfall IND-0545D and perhaps some more of the upstream catch basins in 2023.

## **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 abovementioned discharges were of a spill or short term nature, sometimes during construction.

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.**

During this permit term, we had two reportable discharge incidents that contributed to water quality excursions.

Incident 1: 12/18/2021. The City of Caldwell owns a geothermal, flowing artesian well at its Municipal Swimming Pool.

Historically, the well had been utilized for the Pool; excess flow was plumbed with a valved discharge to the nearby gravity irrigation network, which promptly discharges to the Dixie Drain at the intersection of S 5th Ave, Paynter Ave, and Laurel Street in Caldwell, Idaho. The well was drilled before the 1950s and has since been cased and modified multiple times in attempts to perfect the temperature and resolve problems associated with the drilling techniques available at the time. During some of the modifications, the well casing(s) were archaically perforated and damaged. In 2021, the City hired HydroLogic LLC to research and inspect the well to learn whether it is salvageable for future beneficial use at the Pool. After HydroLogic's investigation, the City learned that the well is in poor condition and needs to be formally abandoned." On Saturday December 18, 2021, a drilling operator under the responsible charge of HydroLogic LLC (a hydrogeology engineering consultant) attempted to properly abandon a flowing artesian well owned by the City of Caldwell. Even with the overflow valve closed, the driller was unable to reach the necessary pressure inside the borehole to reach extrusion of the grout, which would signify completion of the abandonment. Following the abandonment attempt Saturday, December 18 with the intent to resume work Sunday morning, the engineering team thought to check the Dixie Drain Discharge, although the valve and a junction box that serve the known connection to the drain were monitored throughout the project. It was found that some amount of the grout forced into the well had entered the Dixie drain. Brent Orton was informed late Sunday morning and alerted City staff Monday morning, December 20, 2021. The ongoing flow, in fact, had washed an unknown quantity of grout into the Dixie Drain. City staff are unsure how much grout may have been retained inside the well casing, annular space, and/or gravity irrigation network. The driller consumed 45 yards of grout during his work.

Incident 2: 8/11/2022. On August 11, 2022 at 7:00 PM Darigold-Caldwell crews observed approximately 2,000 gallons of diluted milk product spilled near 43.669450, -116.687986 at 122 N 5th Ave. The leak was caused by a pipe that vibrated loose and partially opened. Most of the spilled product was contained on the ground surface. The spill/leak was soon stopped after being found. Approximately 300 gallons entered the storm drain in the alley between Albany and Belmont, between 6th Ave and 5th Ave. When compliance staff inspected the alley storm drain on the morning of August 12, no remaining product was found. City records indicate that the drainage in the alley travels toward 5th Ave, which has running irrigation water in the line during irrigation season. Therefore, approximately 300 gallons of milk product likely reached surface water (Boise River) during the evening. The spilled milk product in question is very, very dilute. Darigold technical staff estimate that if the 300 gallons were

distilled and concentrated, it would equate to only two gallons of regular consumer-ready milk. The City of Caldwell experienced 0.07" of rain between 7 PM on 8/11 and 7 AM on 8/12, which could cause further dilution and carry water.

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."

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