

PERMITTEE MEETING SUMMARY
BOISE AREA MS4 STORMWATER PERMIT – January 24, 2023

Attendees	James Pavelek, Garden City
Will Reynolds, Boise State	Abbey Germaine, Elam & Burke/DD3
Greg Vitley, Idaho Transportation Department	Tammy Lightle, ACHD
Austin Walkins, Boise City	Adam Van Patten, ACHD
Andy Long, City of Boise	Monica Lowe, ACHD

Introductions and Meeting Summary Approval

The 10/18/2022 meeting summary was approved. The 10/18/22 meeting summary and agenda will be posted to the Partners for Clean Water website.

Public Education and Outreach Update

Boise City is considering other options to potentially replace the billboard and radio outreach the Permittees have pursued in the past. These tools are costly and have limited options to assess the effectiveness of the messaging.

The City of Caldwell is interested in having more involvement in public education and outreach activities. Quarterly summaries of education and outreach will be shared with the City of Caldwell and City of Caldwell staff will attend PubEd meetings more regularly.

The City of Boise has a Joint Funding Agreement (JFA) with the City of Caldwell that guides how to utilize the City of Caldwell's \$15,000 public education contribution to ensure efforts are truly impacting Caldwell residents. Contact the City of Boise if you are interested in having a copy of the JFA.

In addition to established pet waste and leaf litter education, there will be a focus on landscape chemical applications and potentially partnering with City of Boise's Water Resource Team to find a place in the One Water Project. This may be an opportunity to promote xeriscaping and fertilizer reduction. The status of this partnership is currently unknown. Developing training for chemical applicators that would provide Continuing Education Credits (CEUs) to participants may be a valuable method of incentivizing participation from our audiences.

On the pretreatment front, PFAS has been a hot topic. There may be opportunities to pursue education and outreach with chemical applicators that also address the topic of PFAS.

Multiple erosion and sediment control (ESC) training (ITD's WPCM Training, IDEQ's Qualified Person Training, EPA's Online Training, other state trainings, and private certifications such as CPESC or CISEC) that the City of Boise has determined to be sufficient to meet the requirements of the City of Boise's Responsible Person Training. With proof and a \$55 licensing fee, the City of Boise will verify and honor alternate ESC trainings.

The Operating Guidelines have been modified such that the City of Boise has a level of freedom to make decisions within the topics that have been proposed through the budget process and reviewed by the Permittees. Additional formalized communication with the Permittees to address unforeseen education opportunities and informal communication to address specifics of a general line item in the approved budget would be necessary to ensure the needs of each entity are met.

Monitoring Update

The Boise area has received above average precipitation (predominately snow) so far this water year (WY). Sampling opportunities have been limited. Two storms were targeted since the last permittee meeting:

- 10/22/22 – successfully collected grabs from Whitewater, Main, Americana, and AS-6. Composite samples were qualified due to inability to capture a representative duration (75%+) of the storm discharge. The qualified composite samples will be replaced with successful composites if possible. The Lucky grab sample was rejected due to failure to setup a dilution for E.coli within the samples holding time. The Whitewater composite samples was rejected due to not meeting 50% of the storm discharge duration.
- 1/9/23 – Grab samples were collected and submitted to the lab but were rejected due to insufficient rain. All rain gauges received 0.07” of rain. As a result, composite samples were discarded.

Required sampling remaining for WY 2023 includes three grabs from Lucky, two grabs from the rest of the sites, and three composites from all sites.

ACHD provided a presentation summarizing monitoring results from WY 2022. The following information was provided:

- The TMDL instream target concentration for phosphorus May 1 – September 30th is less than or equal to 0.07 mg/L. The corresponding stormwater phosphorus load allocation from Lucky Peak to the Snake River is 41 lbs./day. The TMDL instream target for phosphorus October 1 – April 30 is less than or equal to 0.1 mg/L. The corresponding stormwater phosphorus load allocation from Lucky Peak to the Snake River is 61 lbs/day. The load allocations were determined based on existing phosphorus concentrations when the TMDL was written with a 40% decrease.
- Stormwater monitoring data suggests the larger subwatersheds produce higher concentrations of Total Phosphorus. Storm event mean for total Phosphorus concentrations discharged during the last six monitored storms totals 19 lbs/day.
- Currently there is not a temperature TMDL on the Lower Boise River. However, the Permit does reference IDAPA Cold Water Aquatic Life temperature standards for the Boise River salmonids (Rainbow Trout, Brown Trout, and Mountain White Fish) during two time periods: spawning period, October 1st – July 15th is less or equal to 13 degrees Celsius, and non-spawning period, July 16th – September 30th is less than or equal to 22 degrees Celsius.
- Compared to our continuous temperature data from Americana October 1 – July 15, in-pipe dry weather background flows exceed the instream target and in-pipe wet weather discharges are below the instream target. The instream temperature target is exceeded by in-pipe dry weather discharges beginning in late July and continuing through mid-September.
- Sources of dry weather flows in the Americana subwatershed include geothermal, groundwater infiltration, irrigation, and license agreements to discharge to the storm drain system.
- Contact Tammy Lightle if you would like to review other pollutants.

Next Permittee meeting may be a good time to discuss dry weather monitoring and how ACHD confirms and follows-up on sources of dry weather discharges. This may be valuable for the Permittees to consider when thinking about dry weather outfall screening in 2023.

Budget Proposals for 2024

Monitoring Budget Proposal

The proposed 2024 monitoring budget has a few modifications from the previous year. Laboratory analysis of metals cost has increased so the budget under this line item has increased from \$13,000 to \$14,000. ACHD is anticipating a slightly lower sampling contract (\$90,000 from \$100,000) since ACHD has been performing some of the tasks historically contracted out. Monitoring staff expenses have been increased from \$120,000 to \$130,000. Shipping remains the same at \$1000. Equipment, supplies, and small tools were lowered from \$15,000 to \$10,000. **The total proposed WY24 monitoring budget is \$245,000** (\$5,000 less than WY2023).

Administrative Budget Proposal

ACHD is proposing a budget of \$1000. In past years \$5,000 was proposed to address annual report compilation, agreement updates, and/or permit reapplication. Since none of this work is anticipated in 2024, the proposed budget is reduced to \$1000.

Education and Outreach Budget

The budget proposed for Public Education and Outreach for 2024 is \$98,000; the same amount approved for the 2023 budget.

IPDES Fees

The IPDES fee includes the stormwater fee. The City of Boise determined that 1% of the IPDES fee can be attributed to stormwater which would be a shared expense amongst the permittees. Currently the fee is split evenly amongst the partners which may fluctuate slightly from year to year. The intergovernmental agreement is open to allow the permittees to revisit the IPDES fee allocation if it becomes a concern.

Other Discussion

BSU is exploring the idea of source-tracing dry weather flows with the use of students. Some potential complications would include safety and cost. There is a push at BSU to give students and community more access to work together. For more information, google Boise State Grand Challenge.

There are remaining questions about how the Stormwater Pollution Hotline operates. ACHD will pursue this with the contractor so each Permittee can be confident that they are receiving complaints and reporting accurately at the end of the year.

Annual Report Planning

Permittees discussed final details of annual reporting and annual report submittal.

Next Meeting Schedule

April 18th at 9:30