

# Boise and Garden City Area NPDES Municipal Stormwater Annual Report

NPDES Permit No. IDS-02756-1



PERMIT YEAR 2019

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Ada County Highway District  
Boise State University  
City of Boise  
City of Garden City  
Drainage District #3  
Idaho Transportation Dept., District 3

January 30, 2019

# **Table of Contents**

## **Boise and Garden City Area NPDES Permittees Annual Reports Permit Year 2019**

**NPDES Permit Number No. IDS-02756-1**

This annual report is submitted on CD-ROM and consists of the following file sections:

Boise\_ GC 2019 – Section 01 Report Cover, Table of Contents and Permittee Summary

Boise\_ GC 2019 – Section 02 Ada County Highway District Report

Boise\_ GC 2019 – Section 03 Boise State University Report

Boise\_ GC 2019 – Section 04 City of Boise Report

Boise\_ GC 2019 – Section 05 City of Garden City Report

Boise\_ GC 2019 – Section 06 Ada County Drainage District 3 Report

Boise\_ GC 2019 – Section 07 Idaho Transportation Department, District 3 Report

## Boise and Garden City Area NPDES Permittee Summary

### October 1, 2018 – September 30, 2019

The Boise and Garden City permittees (Permittees) completed their seventh year of implementing the second cycle Boise and Garden City Area NPDES stormwater municipal separate storm sewer system (MS4) permit (IDS-02756-1) during the period of October 1, 2018 – September 30, 2019. A brief summary of the Permittee cost-share activities is provided. Individual reports for each Permittee are included in the report sections following this summary.

#### Permittee Meetings and Correspondence

The Permittees held a total of 4 meetings last year. Meeting agendas and summaries for the meetings are included in Appendix A.

#### Monitoring

Stormwater outfall monitoring was conducted during the seventh permit year. The Permittee monitoring activities are discussed in detail in ACHD’s annual report (Section 4). The Americana Subwatershed Monitoring Plan was updated to incorporate a new water quality monitoring station (ACHD’s annual report, Appendix 6). The plan describes the Partner’s approach to subwatershed monitoring as submitted in the Request for Modification of monitoring requirement to the U.S. Environmental Protection Agency (EPA) dated April 18, 2018. A summary of data collected, and analyses performed during water year 2019 is available in the Americana Subwatershed Monitoring Summary Report (NPDES Phase I Annual Stormwater Monitoring Report for Water Year 2019, Appendix C). Structural control, permeable paver, and stormwater tree cell monitoring activities were concluded with final evaluation reports in permit year 2016-2017. Dry weather outfall inspection and monitoring are discussed in each Permittee’s annual report.

#### Education and Outreach

Public education and outreach activities implemented during the permit year address each of the five activity categories identified in the Boise/Garden City Area MS4 permit. Permittees continued to implement the “Partners for Clean Water” advertising campaign including maintaining a website, TV and radio public service announcements, digital billboards, print and online ads and event sponsorships. Partners for Clean Water activities are discussed in the city of Boise’s annual report (II.B.6.b) and individual education and outreach activities are included in respective Permittee annual reports.

#### Stormwater Hotline

The stormwater hotline received 38 calls in the past year. A summary of illicit discharge response activities is included in respective Permittee annual reports.

<b>TABLE A. BOISE AND GARDEN CITY AREA STORMWATER POLLUTION HOTLINE CALL SUMMARY</b>							
<b>Call Recipient</b>	<b>Yearly Totals of Calls Received</b>						
	<b>18-19</b>	<b>17-18</b>	<b>16-17</b>	<b>15-16</b>	<b>14-15</b>	<b>13-14</b>	<b>12-13</b>
Garden City	0	0	1	1	4	0	0
Boise City	22	15	20	18	23	19	11
ACHD	15	19	26	29	23	32	29
ITD, District 3	0	2	1	1	1	1	2
Ada County Drainage District 3	1	1	5	1	3	3	10
Boise State University	0	0	0	0	0	0	0
<b>Totals</b>	<b>38</b>	<b>37</b>	<b>53</b>	<b>50</b>	<b>54</b>	<b>55</b>	<b>52</b>



# **Appendix A**



## **Permittee Meeting Agendas and Summaries**

**Permit Year 2019**

# AGENDA

## Boise Area Municipal Stormwater NPDES Permit Copermittee Meeting

Tuesday, October 16, 2018

ACHD Site R

9:30am – 11:15am

- 9:30 Introductions, Review of Agenda, Meeting Summary** **Monica**
- Additions/modifications to the agenda
  - Review and approval of meeting summary 7/17/18
- Co-permittee Action:* Review, approval of meeting summary
- 9:35 Education and Outreach Update** **Steve**
- Update on activities
- Co-permittee Action:* Information
- 10:00 Monitoring Update** **Andy**
- Update on activities
  - Americana Subwatershed monitoring site selection approach
  - Monitoring Report Review Schedule
- Co-permittee Action:* Information
- 10:15 City of Coeur D'Alene Request** **Steve**
- Update on activities
- Co-permittee Action:* Information; Discussion
- 10:40 Annual Report and 2019 Meeting Schedule** **Monica**
- 2018 annual report schedule:
    - Annual reports with original signed certification page are due to **ACHD Monday, December 17, 2018**
    - ACHD will send final report to EPA no later than Tuesday, January 30, 2019
  - Review of proposed meeting schedule for 2019:
    - January 22, 2019 (budget proposals) – 4<sup>th</sup> Tuesday instead of 3<sup>rd</sup> Tuesday of month
    - April 16, 2019 (budget approvals)
    - July 16, 2019
    - October 15, 2019
- Co-permittee Action:* Discussion; Approval of proposed meeting schedule
- 10:50 Status of New Permits** **Monica**
- Update on Phase II MS4 permits
- Co-permittee Action:* Information; Discussion
- 11:10 Wrap Up and Adjourn**
- Next Meeting: January 22, 2019**

**COPERMITTEE MEETING SUMMARY**  
**BOISE AREA MS4 STORMWATER PERMIT – October 16, 2018**

**Attendees:**

Steve Hubble, City of Boise  
Ryan Armbruster, DD3  
Kat Davis, Boise State  
Kevin Wallis, Garden City  
Greg Vitley, ITD, District 3

Monica Lowe, ACHD  
Adam Van Patten, ACHD  
Andy Carlson, ACHD  
Liz Paul

**Introductions, Review of Agenda, Meeting Summary**

Draft meeting summary from 7/17/18 was approved.

**Education and Outreach Update**

1. Steve asked for feedback from the group regarding the Partners for Clean Water Conference. A lot of positive feedback was provided. Kevin and Ryan specifically commented that the content was interesting, and the venue was great. Daniel Dauwalter with Trout Unlimited and Steve both provided a few comments for a Channel 6 News reporter that attended, and Boise City twittered the bobcat photo, who stole the show!
2. No changes expected with regards to ongoing education activities with Aimee's absence. Public Education Committee Meetings will be paused until early 2019.
3. Boise City currently has a 0.5 FTE staff position available for education. Steve has concerns that filling the position would meet all their needs. Boise City is looking into some other options and may have an update January 2019.
4. Steve plans on focusing on handbook updates as a Boise City initiative this year, many of which are 10-15 years old. Steve also plans on moving forward with the Partners' O&M manual that the group expressed interest in. This project would be Partner/ public education funded. Steve will be gathering a small committee for input on content and will update the group when cost estimates are available. Steve asked the group to let him know if there are other specific documents that are needed for education.
5. Steve asked Liz whether she has noticed much growth through social media with her work with the Lower Boise Watershed Council. Liz said the content is not very interesting, but there is much more depth and reach with her work on the Boise River Enhancement Network (BREN), due to ongoing events, updates, recreational info., etc. Steve said there is a hesitancy internally at the City to throw out another brand into social media with Boise City trying to consolidate their messaging as much as possible. Finding space for Partners material with all the other content can be challenging.

**Monitoring Update**

Andy provided a monitoring update to the group with the following highlights:

- First storm of the water year was sampled on October 9<sup>th</sup>. 0.95" of rain was recorded at our rain gage near Esther Simplot Park in less than 24 hours, which is almost 10% of our annual rainfall. Equipment issues at the Lucky Monitoring Station could not be corrected prior to the storm, therefore a composite sample was not collected. Grab samples were successfully collected at all 4 stations, and composite samples were collected at three stations. This was also the first storm where data was collected from the Americana subwatersheds.
- Andy provided a handout showing the locations of the pressure transducers in the Americana subwatershed. Additional language was added to the monitoring plan to describe how these initial locations were determined. Andy also explained how the flow data would be evaluated to determine if the stations would be moved to other locations and if values are as expected, which will also inform where water quality samples may be collected in the future.
- Monica reminded the group that the approved Scope of Work (SOW) was substantially less than was approved. By the January budget meeting, ACHD will have a better idea if we will have an additional SOW or will not be using the remaining approved monitoring budget.

### **City of Coeur D'Alene Request**

Steve was contacted by Kim Harrington from the City of Coeur D'Alene and a representative from the local highway district. The City of Coeur D'Alene is trying to form a regional public education and outreach program and was inquiring about the possibility of borrowing the Partners for Clean Water Program. They were exploring options and it was not clear what specific aspects of the program they were most interested but did request to use the Partners for Clean Water nomenclature with the addition of "North Idaho" or something similar. Steve conferred with Jen Pitino who is an attorney at City of Boise charged with copyright/trademark issues. Apparently, some of our trademark or Copyrights for Eddy the Trout and Partners for Clean Water logo have expired. Steve attempted to renew but it was difficult to piece together the history on how they were created. Jen's recommendation was to have Boise City Staff do a "refresh" through graphic design and then re-trademark or copyright, as appropriate. A license Agreement could be developed for use of the Partners name if that is what the group decided. After considerable discussion the group came to the following decision:

- Partners are open to sharing Agreements, how we are setup and cost shares, and program materials that are on the website that can be modified to fit other's needs. We would like to facilitate a meeting or skype once a year to share information and develop relationships.
- Partners are not interested in a formal sharing of brand at this time.

Steve will bring this information back to Kim Harrington and keep the group informed of any critical information.

### **Status of New Permits**

- Monica shared with the group information Misha has provided to all the existing MS4 permittees. At the end of June 2018, the Region 10 EPA- Seattle office received a directive from EPA Headquarters senior management to issue any first-time permits (for permit applications received more than 6 months ago) before the end of this calendar year.
- There are 5 regulated MS4s in Idaho that fit this description. These will be individual NPDES permits, not general permits.
- Misha expects a decision on how EPA Region 10 will proceed with reissuance of the ACHD Phase II MS4 permit and others in the State in January 2019. Phase I permit is anticipated after the phase II permits are issued.

### **Annual Report and 2019 Meeting Schedule**

- Monica requested that the Permittees submit their annual reports and signed certification page to ACHD by Monday, December 17<sup>th</sup>. Boise City said they may be a little late but would try to meet that deadline as close as possible.
- The group discussed the proposed meeting schedule for 2019. The following dates were agreed upon –
  - January 22, 2019 (budget proposals)
  - April 16, 2019 (budget approvals)
  - July 16, 2019
  - October 15, 2019

# AGENDA

## Boise Area Municipal Stormwater NPDES Permit Copermittee Meeting

Tuesday, January 22, 2019

ACHD Site R

9:30am – 11:15am

- 9:30 Introductions, Review of Agenda, Meeting Summary** **Monica**
- Additions/modifications to the agenda
  - Review and approval of meeting summary 10/16/18
- Co-permittee Action:* Review, approval of meeting summaries
- 9:35 Education and Outreach Update** **Steve**
- Update on activities
  - Review proposals for updated outreach documents
- Co-permittee Action:* Review, approve proposal
- 10:25 Monitoring Update** **Monica for Andy**
- Update on recent monitoring activities
  - Update on monitoring contract scope of work
- 10:35 2020 Budget Proposals and 2019 Budget Status** **Monica, Steve**
- Administration
  - Monitoring
  - Education and Outreach
- Co-permittee Action:* Information, discussion
- 10:55 Status of New Permits, IPDES, etc.** **All**
- Update on IPDES process, draft MS4 Phase II individual permits
- Co-permittee Action:* Information
- 11:10 Wrap Up and Adjourn**
- Upcoming Meetings:**
- April 16, 2019 (budget approvals)



**COPERMITTEE MEETING SUMMARY**  
**BOISE AREA MS4 STORMWATER PERMIT – January 22, 2019**

**Attendees:**

Steve Hubble, City of Boise  
Ryan Armbruster, DD3  
Greg Vitley, ITD, District 3  
Andy Weigel, Brown and Caldwell

Monica Lowe, ACHD  
Adam Van Patten, ACHD  
Liz Paul, Community LLC

**Introductions, Review of Agenda, Meeting Summary**

Draft meeting summary from 10/16/19 was approved with correction. Ryan informed the group that Matt Parks and Jade Stacey were leaving Elam & Burke to start their own law firm. Matt Parks attended Permittee meetings occasionally filling in for Ryan when needed and assisting DD3.

**2020 Budget Proposals and 2019 Budget Updates**

The following budgets were proposed for fiscal year 2020:

- \$98,000 for education and outreach (same as last year)
- \$266,000 for monitoring (slightly lower than \$277,000 proposed last year)
- \$5,000 for administration (same as last year)

**Education and Outreach Update**

1. Steve informed the group that after sending a lengthy email to the City of Coeur D’Alene to follow-up on what educational assistance the Partner for Clean Water could provide. To date, he has received a response.
2. The Public Education and Outreach Committee met in December and discussed the possibility of refreshing outreach documents. Boise City worked with Brown and Caldwell to develop a scope of services with some tasks funded by Boise City for Boise City specific manuals and others proposed as a cost-share with Partner’s branding. Specifically, the manuals proposed as Partner’s documents are the Non-Stormwater Disposal BMP Guidebook and a new document that would be used as a reference for citizens/HOA’s for stormwater facility maintenance. The response was favorable to move forward from the Education Committee.

For more clarification with regards to audience, scope, and how different jurisdictions and authorities would be addressed in the education documents it was requested the topic be added to the Copermittee agenda. Ryan shared that from DD3’s perspective, and the smaller entities, the past manuals were adopted by reference and ultimately relied on Boise City’s ordinance. Steve acknowledged there was currently little time in the scope of work for a cooperative approach that may be needed to address the various Partners difference in jurisdiction, policies, authority, etc., but was happy to add additional time, if needed. Outcome of the discussion – The group was supportive of Boise City and Brown and Caldwell moving forward with the current scope of services for:

- 1) Partner’s Non -Stormwater Disposal BMP guide that addressed the various entities and
- 2) An educational document for Homeowner’s Associations or residential properties that would provide information on maintenance responsibilities and a general description of stormwater facilities typically located in subdivisions.

Steve also clarified that Boise City will be developing on their own the Stormwater Operation & Maintenance guide, which is technically oriented and focused on primarily commercial and industrial facilities.

**Monitoring Update**

1. Monica shared with the group a summary of the two storm events, 10/9/18 and 11/27/18, that have been sampled in WY19. Although a grab or composite sample was collected at all monitoring stations, 3 more storms will be targeted to collect all the permit required samples (3 grabs and 3 composites). The first quarter downloads from the level loggers in the Americana subwatershed will be downloaded soon. The data will be analyzed to see how well it aligns with expected flows for individual monitored subwatersheds. Decisions to have the sensors remain in the same locations to collect more data or be moved to new locations will be determined once the data has been analyzed.

2. Monica reminded the group that the existing monitoring scope of work addresses the essential monitoring functions and additional funds are available in the approved monitoring budget for FY18-19. The group was asked if they would be interested in using the remaining budget for:
  - a public technical document that could be available on the Partners website with the goal being a reader-friendly document to educate the public with numerical data, and/or
  - an internal technical document to educate other departments on the quality of our runoff with numerical data and challenges associated with treating/monitoring it.The group was very receptive to both concepts. ACHD will work with Brown and Caldwell to develop a scope of work for this work and associated budget for review.

### **Status of New Permits**

The group discussed there has been no movement on the Phase I permits and Phase II permits would be issued first. All Permittees said they have been receiving the draft Phase II permits for other parts of Idaho that Misha has been sending. Andy shared there has been a lot of comments regarding the individual permits and the general permits and how EPA is going to address that. Andy did not know if this would slow the process. Ryan expressed concern that the shutdown and delay in Phase II permits would delay the schedule for DEQ to take over the NPDES program as scheduled.

### **Upcoming Meeting**

- April 16, 2019 (budget approvals)
- July 16, 2019
- October 15, 2019

**Permit Year 2020 Proposed Budget for Partners for Clean Water**

**Staff Contact: Steve Hubble**

**January 19, 2018**



	<b>2018 Actual</b>	<b>2019 Adopted</b>
Media Buys - billboards, bus ads, radio, T.V.,social media	\$ 24,753	\$ 15,000
Outreach - website, trainings, public notices, stormdrain marking	\$ 4,536	\$ 7,000
Events/Sponsorships - Conservation Field Day, Watershed Watch, IdEEA Conference	\$ 2,468	\$ 5,000
Program Materials - Graphic Design, Targeted Audience develop., Printing, etc.	\$ 4,701	\$ 12,000
<b>Subtotal</b>	<b>\$ 36,460</b>	<b>\$ 39,000</b>
Education Staff (Boise City Staff Time)	\$ 43,413	\$ 59,000
<b>Cost Share Program Total</b>	<b>\$ 79,873</b>	<b>\$ 98,000</b>

<b>Partner</b>	<b>Cost Share %</b>	<b>2020 Estimated Cost</b>
Boise City	65.3	\$ 63,994
Garden City	15.3	\$ 14,994
ACHD	7.7	\$ 7,546
BSU	3.9	\$ 3,822
DD3	3.9	\$ 3,822
ITD3	3.9	\$ 3,822
	100.0	\$ 98,000

**\* Does not include \$15,000 contribution from City of Caldwell.**

<b>2019 Actual (To Date)</b>	<b>2020 Proposed</b>
\$ 1,200	\$ 15,000
\$ 1,765	\$ 7,000
\$ 1,000	\$ 5,000
\$ 107	\$ 12,000
\$ 4,072	\$ 39,000
\$ 785	\$ 59,000
\$ 4,857	\$ 98,000

Monitoring Budget

Boise/GC Area MS4 Permittees

Monitoring Expense	Final 17-18	Approved 2018-19	Proposed 2019-20
Lab Analyses & Services	8,256.60	10,000	10,000
Sampling Contract	137,034.26	130,000	120,000
Shipping, Qwest, Idaho Power	366.86	1,000	1,000
Supplies, Equipment, Small Tool	11,610.83	21,000	20,000
Monitoring Staff	113,861.90	115,000	115,000
<b>Total</b>	<b>\$ 271,130.45</b>	<b>\$ 277,000</b>	<b>\$266,000</b>
Range - 10% above budget		\$ 304,700	292,600
Range - 10% below budget		\$ 249,300	239,400

Final Expenses FY17-18			
Monitoring Expenses		Approved Budget	% Spent
Quarter	Total	Total	
1	50,821.44		
2	60,579.24		
3	88,148.09		
4	71,581.68		
<b>Total</b>	<b>\$271,130.45</b>	<b>300,000</b>	<b>90.38%</b>

Monitoring Expense Summary 2005-2018													
Expense	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
Lab Analyses & Services	21,677.60	24,903.70	22,206.70	31,450.30	25,571.70	25,694.05	27,504.40	29,168.80	9,241.10	9,624.40	9,182.90	8,612.00	8,256.60
Sampling Contract	44,246.30	75,492.23	83,206.44	99,926.41	78,269.04	84,579.78	95,641.43	118,589.36	98,686.85	153,408.63	92,445.99	173,900.53	137,034.26
Shipping, Qwest, Idaho Power	4,300.28	4,508.14	4,022.41	5,053.19	4,379.73	4,577.46	5,618.27	774.62	985.25	984.28	1,188.34	409.98	366.86
Supplies, Equipment, Small Tool	16,987.74	6,682.85	7,137.03	10,382.01	5,680.04	14,138.82	2,369.84	9,573.22	5,739.08	25,393.98	27,862.33	12,765.87	11,610.83
Monitoring Staff	57,617.25	59,181.64	62,644.23	81,911.72	62,842.10	84,030.11	83,385.79	76,220.91	79,001.29	70,284.98	70,915.34	122,098.71	113,861.90
<b>Total</b>	<b>\$144,829.17</b>	<b>\$170,768.56</b>	<b>\$179,216.81</b>	<b>\$228,723.63</b>	<b>\$176,742.61</b>	<b>\$213,020.22</b>	<b>\$ 214,519.73</b>	<b>\$ 234,326.91</b>	<b>\$ 193,653.57</b>	<b>\$ 259,696.27</b>	<b>\$ 201,594.90</b>	<b>\$ 317,787.09</b>	<b>\$ 271,130.45</b>

Expense	1st Quarter FY 2019 <sup>1</sup>
Lab Analyses and Services	1,634.10
Sampling Contract	8,901.06
Shipping and Utilities	0.00
Supplies, Equipment, Small Tool	832.03
Monitoring Staff	30,580.38
Administrative Expenses	
<b>Total Expenses</b>	<b>\$41,947.57</b>

<sup>1</sup> Billing numbers not final

**Administration Budget  
Boise/Garden City Area MS4 Permittees**

<b>Annual Administrative Expenses 2000-2018</b>	
<b>Year</b>	<b>\$ Spent</b>
00-01	2,587.72
01-02	6,101.85
02-03	8,592.62
03-04	6,434.35
04-05	2,509.40
05-06	4,024.52
06-07	2,660.84
07-08	1,157.87
08-09	430.58
09-10	2,086.38
10-11	2,570.41
11-12	1,658.22
12-13	2,970.74
13-14	1,209.84
14-15	796.29
15-16	796.29
16-17	774.57
17-18	303.68
18-19	
Proposed 19-20	5,000

# AGENDA

**Boise Area Municipal Stormwater NPDES Permit  
Copermittee Meeting  
Tuesday, April 16, 2019  
ACHD Site R  
9:30am – 11:30pm**

## Public Education Business

**9:30 Introductions, Review of Agenda** **Steve**  
▪ Additions/modifications to the agenda

**9:40 Status of Document Update** **Steve**  
▪ Partner's Non-Stormwater Disposal BMP guide  
▪ Educational document for HOA's or residential properties  
    ○ Information on maintenance responsibilities and general description  
    of stormwater facilities typically located in subdivisions  
*Co-permittee Action:* Information/discussion

**10:00 Education and Outreach Update** **Steve**  
▪ Update on activities – 2019 media campaign  
*Co-permittee Action:* Information

**10:20 Partners Clean Water Conference** **Steve**  
▪ Preliminary discussion of 2019 Conference options  
*Co-permittee Action:* Information

## General Business

**10:30 Meeting Summary** **Monica**  
▪ Review and approval of meeting summary 1/22/19  
*Co-permittee Action:* Review, approval of meeting summary

**10:40 Monitoring Update** **Andy**  
▪ Update on activities – Storm sample status and Q1 Americana Subwatershed Report  
*Co-permittee Action:* Information

**11:00 2019 Budget Status / 2020 Budget Proposals** **Monica/Steve**  
▪ Administration  
▪ Monitoring  
▪ Education and Outreach  
*Co-permittee Action:* Discussion, approval of FY2020 budgets

**11:15 Status of New Permits, IPDES, etc./Other Updates** **All**  
▪ Status of Copermittee review and signing authority  
*Co-permittee Action:* Information

**11:25 Wrap Up and Adjourn**

### **Upcoming Meetings:**

- ~~July 17, 2019~~ Reschedule to Tuesday, July 9<sup>th</sup> or 30<sup>th</sup>?
- October 15, 2019

**COPERMITTEE MEETING SUMMARY**  
**BOISE AREA MS4 STORMWATER PERMIT – April 16, 2019**

**Attendees:**

Steve Hubble, City of Boise  
Ryan Armbruster, DD3  
Kevin Wallace, Garden City  
Andy Carlson, ACHD

Monica Lowe, ACHD  
Adam Van Patten, ACHD  
Liz Paul, Garden City resident  
Suzy Arnette, BSU

**Introductions, Meeting Summary**

- Draft meeting summary from 1/22/19 was approved.

**Education and Outreach Update**

- Prior to the meeting, Steve sent the group the April-May utility bill insert that contained info on proper pet waste disposal and the Partners for Clean Water – 2019 Outreach Plan (media buy outline). The bill insert was free to the Partners and was sent to 50,000+ customers. Steve would like to see this type of insert occur annually.
- Second quarterly billing went out last week. Expect third quarter to increase due to Brown & Caldwell's work and media campaign. The media buy draft is an outline that was provided to Steve Friday. It includes the \$15,000 contribution from City of Caldwell. Steve will be reaching out to Ashley to make sure City of Caldwell feels they are getting a return on their investment. Steve will be commenting on the draft but welcomes questions and input. Steve will be inquiring why bus advertisements aren't included, since they have been done in the past. Included in the media buy outline is a small fee for social media. Boise City would create social media messaging through their Facebook page and potentially provide to Partners for use. The cost is for boosting these posts.
- Boise City still has money available in the budget this year and is considering targeted outreach options like the mobile business and landscaping fact sheets developed a few years ago. If developed, the "look and feel" of the fact sheets will be different with Boise's marketing team involvement. Boise City would like to do more work in-house, but capacity is limited. Steve mentioned Boise City has been dealing with restaurants and food trucks lately but would like to hear the group's thoughts of other industries for outreach. Kevin shared his perspective that food truck illicit discharges are easy to detect and perhaps mobile washers from mobile dog washing to parking lot washing might be helpful. Steve commented that the Partners website has information for mobile businesses, but if something was missing, he would consider. Andy suggested small contractors, such as handymen operations, since he has witnessed improper practices in the North End. The group agreed to review the Permit language to ensure the proper audiences are targeted.
- 2019 Conference Update – Adam Lyman reached out to Steve to share that the regional chapter of the International Erosion Control Association will host their event in Boise in August. Steve committed sponsorship-level participation. Steve suggested the possibility of taking a year off from hosting the Partners Conference and combining efforts with IECA to focus on erosion and sediment control (ESC). Kevin commented he did not see a problem with us not hosting the conference ourselves. Ryan said that if we are still meeting the education and outreach requirements, and that we could attend without being members of IECA, he did not see a problem. Ryan and Kevin both felt this may be an opportunity to get a fresh look at ESC. Steve said he suspects enrollment costs will be higher, but there may be an opportunity to leverage the sponsorship for a specific number of discounted attendees. Steve will get more information from Adam Lyman and share with the group. Steve said he is very hesitant to take on the Partners conference this year as a full day event. Alternatively, Steve suggested a half-day event at City Hall, or other free venue, targeted to the design professional community i.e. engineers, surveyors. The meeting could be from 9-12, eliminating the need to cater lunch, and allow our teams time to meet and share information.



### **Monitoring Update**

- Andy provided a handout showing above average precipitation (11.45" to date) recorded at the Boise Airport this water year, compared to the average 8.5". In fact, February 2019 set a record as the wettest February.
- Permit-required grab samples have been collected at all the monitoring sites. One more composite sample at two monitoring sites is still needed to replace qualified samples that were not considered representative based on program criteria.
- Andy reported that the initial results from the first quarter Americana subwatershed report are promising. The Americana watershed has been divided into seven subwatersheds, where water depth is measured using pressure transducers. The data collected has been compared with the flow model and the hydrograph shapes line up. Andy and Brown & Caldwell are now working to address quantity errors. The pressure transducers will remain in the same location for the second quarter.
- Monica and Andy summarized the work proposed in the supplemental for the WY 19 monitoring contract. The Permittees expressed support for moving forward under the existing approved budget.

### **2019 Budget Updates and 2020 Budget Proposals**

Steve updated the group regarding staffing the public education/outreach position at City of Boise. Currently a ½ time public education position was vacated when Aimee went to the Watershed Center. Boise City is requesting an additional ½ time position to hire a full-time Stormwater Technician in FY2020. If approved, this position would spend ½ time on public education and outreach and ½ time on technical work, doing some of the work Steve and others are currently doing. Steve did not expect staffing to affect the 2020 education and outreach budget as proposed.

The following budget for fiscal year 2020 was approved:

- \$98,000 for education and outreach
- \$266,000 for monitoring
- \$5,000 for administration

Greg Vitley was not able to attend the meeting, but approved the budget as proposed, via a phone conversation with Monica prior to the meeting.

### **Status of New Permits**

- Last Fall, Misha said she would be happy to have a conference call with the Permittees to share any information she could regarding the status of Permits. Monica said she would reach out to Misha prior to the meeting in July to see if she would like to set up a call or relay any information.

### **Other Updates**

- Suzy updated the group she just completed the reapplication to EPA for the perc plume. Levels continue to go down.
- Ryan is looking for DD3 board commissioners. One commissioner is retired, and another commissioner is retiring soon. Technically no eligibility requirements, other than living in Ada County. Ideally the candidate would reside or have a business generally within SE Boise, since that is DD3's boundary. Outreach has not been very good. The retiring commissioners are asked if they have anyone in their circle of friends or colleagues that would be interested. This hasn't yielded any candidates so far. Ryan said he can live with 2 out of 3, but if anyone else resigns then it would be very difficult to continue to do business. Ryan agreed to sending a quick description of what is needed to the Permittees. Ryan said the board meets 4 times a year for a couple hours per meeting. Occasionally a special meeting is held or onsite meeting of a development or problem area. Statutorily, the

board is required to approve a budget and board members do receive a small amount of compensation for meetings.

- Steve wanted to make the group aware that the levy funds that were approved as part of the open space initiative a few years ago are being collected and directed into projects. Liz, with other partners, did apply for funding for a stormwater retrofit that was not approved. However, this project did stimulate discussion on stormwater and water quality projects that could be funded. The committee has decided that the projects must be on public property, but they do not necessarily need to be located within Boise City. In fact, they did fund a portion of a project in Boise County for a wildlife overpass. Steve is thinking about how the Boise stormwater program could be an applicant for these funds as well as other Partners for stormwater projects. The committee does want to see projects with a strong river tie. Applications are accepted on a rolling basis. Unfortunately, they have not received a significant amount of applications. Steve pointed out that they cannot pay for regulatory requirements but feels there are a lot Green Stormwater Infrastructure projects that are above and beyond regulatory requirements that could possibly be eligible. The committee is concerned with measuring effectiveness, not just from a land use prospective, but also from receiving water bodies.
- Kevin shared that the redevelopment occurring in Garden City has provided opportunities to clean up some historic problem areas. One success story is the vintage motorcycle junkyard on Chinden. The company made the decision to move out since it was too hard to comply with the stormwater regulations in a sustainable way. Since moving out, the land use has changed and there are no grandfather rights from a planning and zoning perspective. Kevin reminded the group that process is often made in small steps.

### **Upcoming Meeting**

Please note the change in July's meeting from July 16<sup>th</sup> to July 9th

- July 9th, 2019
- October 15, 2019

# AGENDA

Boise Area Municipal Stormwater NPDES Permit  
Copermittee Meeting  
Tuesday, July 9, 2019  
ACHD Site R  
9:30am – 11:30pm

## Public Education Business

**9:30 Introductions, Review of Agenda** Steve  
▪ Additions/modifications to the agenda

**9:35 Education and Outreach Update** Steve  
▪ 2019 Media Campaign  
▪ Outreach Documents  
*Co-permittee Action:* Information

**10:05 Partners Clean Water Conference** Steve  
▪ Discuss Options  
*Co-permittee Action:* Information/Discussion

## General Business

**10:30 Meeting Summary** Monica  
▪ Review and approval of meeting summary 4/16/19  
*Co-permittee Action:* Review, approval of meeting summary

**10:40 Monitoring Update** Monica/Tammy  
▪ Update on activities – Storm sample status, Americana Subwatershed Report and statistical analysis/workshop  
*Co-permittee Action:* Information

**11:00 Status of New Permits, IPDES, etc./Other Updates** Misha  
▪ Conference Call with EPA  
*Co-permittee Action:* Information

**11:15 Wrap Up and Adjourn**

## **Upcoming Meetings:**

- **October 15, 2019**

**COPERMITTEE MEETING SUMMARY**  
**BOISE AREA MS4 STORMWATER PERMIT – July 9, 2019**

**Attendees:**

Steve Hubble, City of Boise  
Ryan Armbruster, DD3  
Kevin Wallis, Garden City  
Tammy Lightle, ACHD

Monica Lowe, ACHD  
Adam Van Patten, ACHD  
Greg Vitley, ITD, District 3

**Introductions, Meeting Summary**

- Draft meeting summary from 1/22/19 was approved.

**Education and Outreach Update**

- Social media messaging should be coming in the next few weeks. These will be available for the Copermittees to use as they see fit. To accompany the social media messaging, Boise City is developing one or two videos. Concepts have been delivered to Chad Case who has done video production for Boise in the past. Depending on cost, one video may be general education showing the connection of stormwater to the Boise River; the other dealing specifically with residential activities and/or pet waste. First draft expected this week.
- Sponsorships
  - IECA in August – Steve will check if we need to be available for a table and if he needs assistance
  - Global Water Dance – Boise Watershed Event
  - Watershed Watch
  - Communications team suggested a sponsorship of See Spot Walk (Idaho Humane Society) in September/October due to the connection with pet waste. Steve will get more information to determine if that is something the Copermittees would like to support.
- Boise City communications staff added an informational tag on the pet waste bag dispenser and have been giving them out at local parks. Unfortunately, park staff are finding the tags on the ground as trash. Boise City is considering messaging on the actual bags in the future. Steve said to let him know if bags are needed for an event. Boise City will be distributing them at the Reserve Dog Park opening in July.
- Terry Alber has moved on from his position as Pretreatment Coordinator. Rick Christianson is interim Coordinator.
- Boise City will be hiring a new full-time stormwater position to start in October. The position will do field work (goal to consolidate fieldwork done by various public work staff) and potentially some public education and outreach.
- Manuals are progressing slowly. Draft of the Updated 2004 Non-Stormwater Disposal Manual is expected next week with the other documents expected out tentatively mid to late August. Adam supplied photographs for the manuals.
- The group continued the discussion from last meeting about attending the IECA conference in August instead of hosting a Partners conference this year. Kevin expressed some concern about making sure we have addressed targeted outreach for the specific groups identified in the Permit. Steve offered to get more information about the conference and an agenda to share with the group. Steve also volunteered to compile a list of training and outreach that we currently do that addresses targeted audiences and encouraged the group to think about additional training, such as webinars/seminars that might be useful.

**Monitoring Update**

- No storms have been targeted or sampled since last update; ideally, we'd sample one more storm to collect two composite samples. If collected, the samples would replace two composite samples that did not meet the criteria of being representative of 75% of the entire storm.
- Americana Subwatershed Monitoring – The level of effort in managing the data, modelling, and completing the water balance is higher than anticipated. The second quarterly (Q2) report is expected by the end of the week. Since we haven't received the Q2 report, Monica read the following updates Andy Weigel provided.

- Flow data is not adding up in the water balance for dry weather or wet weather flows. We are investigating to determine whether the imbalance is due to monitoring equipment inaccuracy, unmeasured flow in the system, or data processing issues.
- Q2 data is more realistic than Q1 data; fewer negative values and fewer depth value readings greater than the diameter of the pipe.
- Transducer monitoring data is consistent relative to other transducers, and is at least precise, if not accurate, so we're working to identify if there is some unaccounted bias.
- The Q2 report will include at least one recommended location for temporary flow meter installation, and we will most likely be able to move 2 transducers to better define additional areas in the subwatershed.
- We anticipate that with the Q3 report we will be ready to identify water quality monitoring locations to supplement flow monitoring.
- The statistical analysis is underway. Results from the analysis will help us identify the message we want to relate to the public. A workshop will be scheduled in August to review findings.
- 15.67" of rain so far this water year through May. May 30<sup>th</sup> was the last significant rainfall event (>0.1").
- Ryan will have Steve Sweet or Kim contact Tammy to determine dry weather outfall screening/sampling needs this year. Steve Hubble said he would be coordinating with Tammy for Boise City outfalls, as well. Tammy explained that we will hopefully have her replacement hired, but she will be training and helping the transition go smoothly. Kristen, ACHD's Student Intern is also trained in outfall inspection and sampling and will assist as needed.

### Other Updates

- Ryan reported the AIC had their annual conference, but there was nothing on stormwater legislation. The group discussed the lack of any movement on a utility. As discussed in years past, the challenge lies with the City assessing a utility fee when the City doesn't manage most of the infrastructure. Steve said from his perspective for it to work here, it would need to be in partnership with ACHD. Kevin added that smaller municipalities will be impacted by the new IPDES fee schedule; they will be less able to absorb the costs and will be looking to the State for an additional revenue source. Steve said they were starting to collect some utility revenue from stormwater from one building downtown as a voluntary maintenance donation for GSI in the ROW. Another building will be coming on-line in the next couple weeks.
- Ryan shared his concerns about the long-term liability of DD3 in terms of a mandate that was voluntarily entered into with the NPDES Program with extremely limited resources and a system with only a very small amount that is related to Agriculture irrigation. DD3 has explored the idea of succession/transition plan.

### Status of New Permits

Misha provided the following update via a conference call during the meeting.

- Working on issuing individual permits for "pending applications" – those applications EPA had in-hand that had never been permitted before.
- Issued Pocatello MS4 Permit, the group for those Copermittees including ISU, on June 10<sup>th</sup>, effective date October 1, 2019.
- Final certification in-hand for the North Idaho Highway Districts. This Permit should be issued by the end of the month, with an effective date of October 1, 2019.
- Pending Permit for IDEQ to look at for the Moscow area.
- Sent out the designation package to the University of Idaho suggesting they complete an application because EPA is designating them as a regulated MS4 as EPA did for the City of Moscow.
- Last in cue of the "hot box pending permits" are the Lewiston area MS4 Permits, which includes City of Lewiston, Lewis and Clark State College, and Idaho District 2. Biological evaluation remains the challenge. Still working to get a Permit that matches the ESA requirements.

- Expect to be working on other Idaho Permits this calendar year. Strategically trying to complete Permits by watersheds. First this calendar year will be Idaho Falls and District 6 draft Permit, then working on Treasure Valley Permits. Will likely see individual Permits and one fact sheet for all the Phase II Permits.
- 2020 is when we should see Treasure Valley Phase II Permits and the remaining Coeur d'Alene and City of Post Falls Permit out for public comment.
- Timeline is handoff to IDEQ for IPDES Program, July 1, 2021. Misha plans to have all the Permits, including the Phase I Permit completed by this date.
- Misha is hoping to get someone to assist on the Boise/Garden City Phase I Permit. Could be coordinated very closely with the issuance of the Phase II Permits.
- Anticipate Partners will see the Permit in 2020 – meaning it can be requested through public requests IDEQ or however they are able to distribute it. The Permit will not be going out with preliminary drafts.
- Misha asked for assistance if anyone has information on any work done for slick-spot peppergrass – specifically related to their stormwater program or development. This is a threatened species that overlaps with ACHD and City of Boise area. There is proposed critical habitat in this area. Any information that could move the ESA process along would help.
- Misha shared some insights into the reorganization in her office. She stays in contact with Jim Wertz through the Operations Office, but she answers to a new management structure. They are now the Water Division and she works in Permitting and Drinking Water Branch. Misha's new manager started on July 1<sup>st</sup>.

#### **Upcoming Meeting**

- October 15, 2019