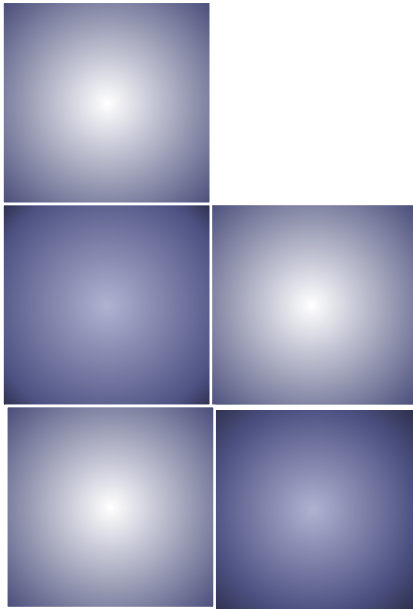


PERMIT YEAR  
2018

# Boise and Garden City Area

NPDES Municipal Stormwater Annual Report

NPDES Permit No. IDS-02756-1



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ADA COUNTY HIGHWAY DISTRICT  
BOISE STATE UNIVERSITY  
CITY OF BOISE  
CITY OF GARDEN CITY  
ADA COUNTY DRAINAGE DISTRICT #3  
IDAHO TRANSPORTATION DEPARTMENT, DISTRICT



# **Table of Contents**

## **Boise and Garden City Area NPDES Permittees Annual Reports Permit Year 2018**

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

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

Boise\_ GC 2018 – Section 01 Report Cover, Table of Contents and Permittee Summary

Boise\_ GC 2018 – Section 02 Ada County Highway District Report

Boise\_ GC 2018 – Section 03 Boise State University Report

Boise\_ GC 2018 – Section 04 City of Boise Report

Boise\_ GC 2018 – Section 05 City of Garden City Report

Boise\_ GC 2018 – Section 06 Ada County Drainage District 3 Report

Boise\_ GC 2018 – Section 07 Idaho Transportation Department, District 3 Report

## Boise and Garden City Area NPDES Permittee Summary

### October 1, 2017 – September 30, 2018

The Boise and Garden City permittees (Permittees) completed their sixth 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, 2017 – September 30, 2018. 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 sixth permit year. The Permittees submitted a Request for Modification of monitoring requirement to the U.S. Environmental Protection Agency (EPA) dated April 18, 2018. EPA confirmed receipt of the request on July 14, 2018. A draft monitoring plan for subwatershed monitoring is included in ACHD's annual report (Appendix 7). Structural control, permeable paver, and stormwater tree cell monitoring activities were concluded with final evaluation reports in permit year 2016-2017. The Permittee monitoring activities are discussed in detail in ACHD's annual report (Section 4). 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 PSAs, radio PSAs, digital billboards and other media outlets. 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 37 calls in the past year. This call volume is down compared to the last couple of years. 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>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	1	1	4	0	0
Boise City	15	20	18	23	19	11
ACHD	19	26	29	23	32	29
ITD, District 3	2	1	1	1	1	2
Ada County Drainage District 3	1	5	1	3	3	10
Boise State University	0	0	0	0	0	0
<b>Totals</b>	<b>37</b>	<b>53</b>	<b>50</b>	<b>54</b>	<b>55</b>	<b>52</b>

# Appendix A

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## Permittee Meeting Agendas and Summaries



# AGENDA

## Boise Area Municipal Stormwater NPDES Permit Copermittee Meeting

Tuesday, October 17, 2017

ACHD Site R

9:30am – 11:00pm

### 9:30 Introductions, Review of Agenda, Meeting Summary

Erica

- Additions/modifications to the agenda
- Introduction to Kevin Fagan, ACHD SWQS-GSI and Kat Davis, BSU
- Review and approval of meeting summary 4/19/17

Co-permittee Action: Review, approval of meeting summary

### 9:35 Education and Outreach Update

Aimee

- Update on activities

Co-permittee Action: Information

### 10:10 Monitoring Update

Andy

- Update on activities
- Monitoring Report Review Schedule

Co-permittee Action: Information

### 10:25 Annual Report and 2018 Meeting Schedule

Monica

- Review of annual report requirements
  - Maps and inventories – coordination?
  - Reapplication Addendum - Map and summary description of Permittee's storm sewer inventory  
Pg. 22 – "A summary description of the Permittees' storm sewer system inventory and a map must be submitted to EPA as part of reapplication package required by Part VI.B. "
- 2017 annual report schedule:
  - Annual reports with original signed certification page are due to ACHD Friday, December 15, 2017
  - ACHD will send final report to EPA no later than Tuesday, January 30, 2018
- Overview/status of 2018 permit requirements
- Review of proposed meeting schedule for 2018:
  - January 23, 2018 (budget proposals)
  - April 17, 2018 (budget approvals)
  - July 17, 2018
  - October 16, 2018

Co-permittee Action: Discussion; Approval of proposed meeting schedule

### 11:00 Wrap Up and Adjourn

Next Meeting: January 23, 2018

**DRAFT COPERMITTEE MEETING SUMMARY**  
**BOISE AREA MS4 STORMWATER PERMIT – October 17, 2017**

**Attendees:**

Steve Hubble, City of Boise  
Ryan Armbruster, DD3  
Suzie Arnette, Boise State  
Kat Davis, Boise State  
Kevin Fagan, ACHD

Andy Carlson, ACHD  
Monica Lowe, ACHD  
Erica Anderson Maguire, ACHD  
Greg Vitley, ITD  
Kevin Wallis, Garden City

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

Draft meeting summary from 4/18/17 was approved. Erica introduced Kevin Fagan, ACHD's newly hired Stormwater Quality Specialist-GSI position. Suzy introduced Kat Davis, Boise State's new Sustainability Coordinator. Kat and Suzie will be working together to address the environmental and sustainability issues at Boise State.

Due to changes in ACHD's stormwater section regarding work assignments, Monica will be facilitating the Copermittee meetings and administrative responsibilities. Erica will still be involved and be assisting through the transition.

Erica informed the group of the letter from EPA that notified the permittees that the Phase I reapplication was received and the permit has been administratively extended.

**Education and Outreach Update**

- Steve updated the group on the results of the citizen's stormwater survey. The initial results were shared at the Partner's Education Meeting. Aimee is summarizing the results and will be sending them to the permittees'. In general, the survey received low response, respondents were well informed about stormwater issues, which may be skewed based on the audience responding, and respondents wanted more educational information via social media. FY18 media campaign will be focusing on bacterial pollution from pets with new billboards and bus ads. Pet waste bag dispensers with the Partners for Clean Water logo were ordered and will be given away at educational events to promote proper disposal of pet waste. Erica inquired about educational activity plans and Steve agreed to put together a list of some of the public education activities in the near future.
- The Partners conference is scheduled for Wednesday, October 25<sup>th</sup> at Boise State. The conference focuses on erosion and sediment control. The afternoon session consists of the newly formatted Responsible Person (RP) training. Attendees will receive their RP certificates after attending. 60+ attendees are currently registered. Registration will close Friday.
- The new River Campus at the Boise Watershed Center is open and has been well attended.
- Updates to the Partner's website is in progress. If you have new information you want added, please send it to Steve.

**Monitoring Update**

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

- All sampling requirements have been met for the year. Seven storms were sampled.
- Draft Phase I monitoring report for permittee review will be available on December 4<sup>th</sup>. Comments will be due on December 11<sup>th</sup>.
- The structural control monitoring report is complete and available.
- The Stilson monitoring station will be removed as part of the Veterans/State St. intersection project beginning this winter. Sampling teams will try to collect required samples for the year before construction begins.
- Reminder that an additional scope of work (SOW) will be proposed at the end of January 2018. The current SOW plus the additional SOW will not exceed the planned budget total of \$135,000.

**FY2018 Annual Report Requirements and Schedule**

The group reviewed the permit requirements due this year. The summary description of the permittee's storm sewer system inventory and map (pg. 22, Part VIB) due this year was supposed to be part of the reapplication package. These maps will be included in an addendum to the annual report. ACHD offered assistance in generating maps if needed.

- Annual reports with original signed certification page are due to ACHD on Friday, December 15, 2017.

**Next Meeting**

January 23, 2018 (Budget proposals)

# AGENDA

## Boise Area Municipal Stormwater NPDES Permit Copermittee Meeting

Tuesday, January 23, 2018

ACHD Site R

10:00am – 11:15am

### 10:00 Introductions, Review of Agenda, Meeting Summary

Monica

- Additions/modifications to the agenda
  - Review and approval of meeting summary 10/17/17
- Co-permittee Action: Review, approval of meeting summaries

### 10:05 Education and Outreach Update

Aimee

- Update on activities
- Co-permittee Action: Information

### 10:20 Monitoring Update

Andy

- Update on recent monitoring activities
- Update on monitoring contract scope of work

### 10:40 2019 Budget Proposals and 2018 Budget Status

Monica, Steve

- Administration
  - Monitoring
  - Education and Outreach
- Co-permittee Action: Information, discussion

### 11:10 Status of New Permits, IPDES, etc.

All

- Update on IPDES process, draft MS4 Phase II general permit
- Co-permittee Action: Information

### 11:15 Wrap Up and Adjourn

#### Upcoming Meetings:

- April 17, 2018 (budget approvals)
- July 17, 2018
- October 16, 2018



**COPERMITTEE MEETING SUMMARY**  
**BOISE AREA MS4 STORMWATER PERMIT – January 23, 2018**

**Attendees:**

Steve Hubble, City of Boise  
Aimee Hughes, City of Boise  
Ryan Armbruster, DD3  
Suzie Arnette, Boise State

Andy Carlson, ACHD  
Monica Lowe, ACHD  
Erica Anderson Maguire, ACHD  
Kevin Wallis, Garden City

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

Draft meeting summary from 10/17/18 was approved. The budget proposals were moved to the top of the agenda to accommodate schedules.

**2019 Budget Proposals and 2018 Budget Updates**

Steve Hubble sent out a handout last week proposing a flat budget for education and outreach of \$98,000 for FY2019. This is the same amount as last year. Steve is expecting to be approximately 10% below budget, similar to last year. Monica reviewed the monitoring budget with the group. ACHD is proposing a slightly lower budget for FY2019 than FY2018; \$277,000 compared to FY2018 budget of \$300,000. The slightly lower cost is partially due to completion of structural controls monitoring, discontinuing the database annual fees as a line item, and slightly lower staff hourly rate. Monica reminded the group that another draft scope of work will be proposed within the next month for the remaining water year 2018 monitoring contract. ACHD does not anticipate exceeding the approved monitoring budget for FY2018. An administration budget of \$5,000 is proposed for FY2019.

**Education and Outreach Update**

- Aimee provided a breakdown of the media budget for FY2018. Of the \$30,000 budget, \$15,000 is funded by Caldwell. City of Meridian did not contribute this year, but Aimee spoke with David Miles said he is interested in renewing the partnership. Aimee is anticipating City of Meridian will contribute \$6500 in FY2019. The contributions from Caldwell and Meridian are used for inter-county advertising through bus wraps and billboards.
- Pet waste is the focus of education outreach this year. Aimee provided a draft of the updated design that the Community Engagement office developed. Aimee encouraged the Permittees to provide feedback via email if the group would like to see changes. The group communicated wanting an obvious connection to the river. Discussion followed regarding the possibility of posting signs in city parks, targeted mailing for city specific outreach (Permittees would not be billed), making the ads available for printing and outreach to Homeowners Associations and apartment complexes.
- The Partners website is scheduled to go live mid-February. The design is very streamlined and mobile-friendly. Aimee and Steve welcome content additions.
- Steve will let the Partners confirm final SWMP versions when they get moved to the new website.
- Aimee will get back to the group about conference planning for September 2019.
- The next public education meeting will be held at the Watershed Center so Aimee can provide a tour of the River Campus for those that have not seen it.

**Monitoring Update**

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

- All required samples for WY 2018 have been collected from the Stilson Monitoring Station. Early completion of sampling at this site has been a priority since this station will be removed due to the Veterans/State Street intersection construction.
- One more successful storm sampling event is needed to meet all the required samples at the Americana and Main Monitoring Stations.
- Samples from two more storm events are needed to complete requirements for the Lucky and Whitewater Monitoring Stations.
- Wet weather monitoring is on schedule and going well so far in WY 2018.

### **Status of New Permits, IPDES, etc.**

Ryan reported on the following information from the Association of Idaho Cities (AIC) sponsored Water Summit:

- DEQ has an appropriation pending in the Legislature they are confident will be funded. This will allow DEQ to fill the final IPDES positions needed. DEQ is in the final stages of receiving comments back from EPA regarding primacy issues.
- A lot of the cities from around the state were represented and overall positive discussions. In general, seemed like everyone is on-board and DEQ is ready to go. It was mentioned that if any entity is in the middle of a compliance complaint it will need to be resolved with EPA. The speaker was adamant that EPA is still in the picture and would continue to be involved.
- An interesting session on City of Coeur d'Alene's Stormwater Utility Program. The City of Coeur d'Alene ordinance has been in place for a long time and has not been challenged. City of Moscow is completing their ordinance and is trying to follow the Coeur d'Alene model as closely as possible. According to Ryan, there is confidence if you follow the Coeur d'Alene model that you should be able to withstand a challenge. Coeur d'Alene created their program in response to the Supreme Court decision in 2011 that struck down the Lewiston model and resulted in Nampa pulling back as well.
- Residential fees are billed monthly.
- There is a residential appeal process under the ordinance, but according to Coeur d'Alene, they have less than 12 appeals a year.
- From Ryan's conversations, he does not expect AIC to propose legislation this session to grant local entities the ability to impose a utility-type fee for stormwater.
- Formal schedule of NPDES permits initiated by DEQ is; formal EPA approval by July 1, 2018; July 2018 is sewer; 2019 is industrial; 2020 is general and other misc.; and stormwater 2021.
- Some discussion on fees. As currently setup, the Cities are charged since they have the wastewater permits.

### **Upcoming Meetings**

April 17, 2018 (budget approvals)

July 17, 2018

October 16, 2018

# **FY2018 Adopted Budget for Partners for Clean Water**

**Staff Contact: Steve Hubble/Aimee Hughes**

**January 19, 2018**



	FY2018 Adopted	FY2019 Proposed
Media Buys	\$15,000.00	\$15,000.00
- billboards, bus ads, radio, T.V., social media		
Outreach	\$7,000.00	\$7,000.00
- website, trainings, public notices, stormdrain marking		
Events/Sponsorships	\$5,000.00	\$5,000.00
- Conservation Field Day, Watershed Watch, IdEEA Conference		
Program Materials	\$12,000.00	\$12,000.00
- Graphic Design, Targeted Audience develop., Printing, etc.		
Subtotal	\$39,000.00	\$39,000.00
Education Staff (Boise City Staff Time)	\$59,000.00	\$59,000.00
Cost Share Program Total	\$98,000.00	\$98,000.00

## **Cost Share**

Boise City	65.3%
Garden City	15.3%
ACHD	7.7%
BSU	3.9%
DD3	3.9%
ITD3	3.9%
	100.0%

**FY18 Partners for Clean Water Media Scope**  
updated 1-19-18



Partners for Clean Water  
Caldwell

**Total budget available**

\$15,000.00  
\$15,000.00  
**\$30,000.00**

**Bus ads (12/13/17-3/13/18)**

King bus wraps (2 wraps/4wk period/3 periods @ \$620)  
Inter-county routes (#40 and #43 stops in Caldwell, Nampa, Meridian & Boise)  
\*new contract and new wraps will begin mid March (2 wraps/4wk period/10 periods @ \$620)

\$1,860.00  
\$8,060.00

**\$9,920.00**

**Billboards (4/30/18 - 5/27/18)**

Ada County (1 month, connector)  
Canyon County (1 month, Caldwell)

\$9,102.00

**\$9,102.00**

**Total for FY18 media**

**\$19,022.00**

**Still available (Radio, TV, Social Media, Targeted audience printing)**

**\$10,978.00**

## Monitoring Budget

### Boise/GC Area MS4 Permittees

Monitoring Expense	Final 16-17	Approved 2017-18	Proposed 2018-19
Lab Analyses & Services	8,612.00	12,000	10,000
Sampling Contract <sup>1</sup>	173,900.53	135,000	130,000
Shipping, Qwest, Idaho Power	409.98	1,000	1,000
Supplies, Equipment, Small Tools	12,765.87	21,000	21,000
Monitoring Staff	122,098.71	130,000	115,000
Database	0.00	1,000	0.00
<b>Total</b>	<b>\$ 317,787.09</b>	<b>\$ 300,000</b>	<b>\$ 277,000</b>
Range - 10% above budget		<b>\$ 330,000</b>	<b>304,700</b>
Range - 10% below budget		<b>\$ 270,000</b>	<b>249,300</b>

<sup>1</sup> Includes: wet weather sampling and structural controls

Final Expenses FY16-17			
Monitoring Expenses		Approved Budget Total	% Spent
Quarter	Total		
1	111,836.07		
2	78,214.48		
3	59,989.81		
4	67,746.74		
<b>Total</b>	<b>\$317,787.09</b>	<b>260,000</b>	<b>122.23%</b>

Monitoring Expense Summary 2000-2017																	
Expense	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17
Lab Analyses & Services	11,061.76	24,764.76	19,452.75	27,793.83	19,180.55	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
Sampling Contract	44,235.48	71,441.76	70,824.29	53,117.96	66,054.80	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
Shipping, Qwest, Idaho Power	0.00	1,076.17	1,726.59	3,302.39	3,418.56	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
Supplies, Equipment, Small Tools	16,724.64	6,799.40	5,811.68	7,108.34	6,998.85	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	25,383.98	27,862.33	12,765.87
Monitoring Staff	58,656.88	49,934.91	52,304.69	58,677.66	55,526.42	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
Total	\$130,878.76	\$154,917.00	\$150,120.00	\$150,000.18	\$151,179.18	\$144,829.17	\$170,768.56	\$179,216.81	\$228,723.63	\$176,742.61	\$213,020.22	\$ 214,519.73	\$ 234,326.91	\$ 193,653.57	\$ 269,696.27	\$ 201,594.90	\$ 317,787.09

Expense	1st Quarter FY 2018 <sup>1</sup>
Lab Analyses and Services	0.00
Sampling Contract	23,662.29
Shipping and Utilities	18.30
Supplies, Equipment, Small Tools	64.44
Monitoring Staff	27,076.41
Administrative Expenses	0.00
<b>Total Expenses</b>	<b>\$50,821.44</b>

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

# AGENDA

## Boise Area Municipal Stormwater NPDES Permit Copermittee Meeting

Tuesday, April 17, 2018

ACHD Site R

9:30am – 11:00pm

- 9:30 Introductions, Review of Agenda, Meeting Summary** **Monica**
- Additions/modifications to the agenda
  - Review and approval of meeting summary 1/23/18  
*Co-permittee Action:* Review, approval of meeting summary
- 9:35 Education and Outreach Update** **Aimee**
- Update on activities  
*Co-permittee Action:* Information
- 9:50 Monitoring Update** **Andy**
- Update on activities  
*Co-permittee Action:* Information
- 10:05 2018 Budget Proposals** **Monica/Steve**
- Administration
  - Monitoring
  - Education and Outreach  
*Co-permittee Action:* Discussion, approval of FY2018 budgets
- 10:25 Status of Memo to EPA for Monitoring Modification, Permit status, etc.** **Monica/All**
- Status of Copermittee review and signing authority  
*Co-permittee Action:* Information, Discussion
- 10:40 Other Updates** **All**
- Co-permittee Action:* Information, Discussion
- 10:55 Wrap Up and Adjourn**
- Upcoming Meetings:**
- July 17, 2018
  - October 16, 2018

## **COPERMITTEE MEETING SUMMARY**

### **BOISE AREA MS4 STORMWATER PERMIT – April 17, 2018**

#### **Attendees:**

Grey Vitley, ITD  
Steve Hubble, City of Boise  
Aimee Hughes, City of Boise  
Ryan Armbruster, DD3  
Suzy Arnette, Boise State  
Liz Paul, Visitor

Andy Carlson, ACHD  
Monica Lowe, ACHD  
Adam Van Patten, ACHD  
Kevin Wallis, Garden City  
Kat Davis, Boise State

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

Draft meeting summary from 1/23/18 was approved. Adam Van Patten was introduced to the group for those that haven't worked with him in the past. Adam previously developed and implemented the outfall inventory and dry weather outfall screening (DWOS) programs. In his new position he will be working on NPDES program implementation across several program areas including education and outreach and industrial monitoring. ACHD is currently seeking to hire a Stormwater Quality Specialist to fill the position Adam vacated and hiring a Student Intern to assist in the monitoring and DWOS programs.

#### **Education and Outreach Update**

- Aimee updated the group on planning for the annual stormwater conference. The conference will be held at the Barber Park Events Center on September 12, 2018. The morning session will focus on the overall health of the Boise River and the effects of construction activities, both good and bad along the river. Aimee is working to form a discussion panel for the morning composed of DEQ, ACHD, City of Boise, and USGS. The afternoon session will focus on construction activities around the area. Aimee has reserved the Boise Trolley for transportation to different sites. She is hoping to have 2 or 3 tracks or options for participants to view in the afternoon. Aimee plans to reach out to Trout Unlimited for a demonstration project. The agenda is very soft at this point, but hoping to take advantage of the location along the Boise River. Steve added that they would like to build in time for each of the Partners to provide 5-10 minute presentation on a project or activity they are involved in or any information they would like to share. Ryan expressed interest for DD3 to help inform participants there are a lot of different Partners involved that people may not realize. Kevin volunteered James Pavelek, Garden City Environmental Specialist, to help as needed with conference preparations. Aimee hopes to have a final agenda by end of April.
- Aimee has received a lot of positive feedback regarding the Partner's website. She encouraged the group to let her know of any changes since updates are a quick process. Aimee acknowledged the need for more content in some areas but now there is a structure to build on. Please let Aimee know if there are events, webinars, trainings, etc. you would like posted to the calendar.
- The next public education meeting, June 13<sup>th</sup>, will be held at the Watershed Center so Aimee can provide a tour of the River Campus for those that have not seen it.
- New billboards and bus ads focused on pet waste are out.
- Liz reminded the group about the Boise River Enhancement Network's (BREN) role in the Boise River, public education and projects they are involved in. BREN has a blog that features ongoing projects. Liz encouraged others to let her know if there are projects they want included. Liz provided information on the Cottonwood Creek daylighting project that will daylight 440 ft. of the creek on the east side of Julia Davis Park before it enters the Boise River. Kevin said he would be interested in highlighting the redevelopment of the Sun Rock concrete plant that historically had been a stormwater problem.

#### **Monitoring Update**

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

- Still need to collect a composite sample and grab sample from three stations during next storm event, followed by one more composite from a separate storm event, to meet all sampling requirements for water year 2019.
- Recently purchased two new In-situ® multi-parameter probes to replace old equipment.



- Starting planning process and piloting approach for flow monitoring within the Americana watershed.
- Alternate stations for Americana and Main have been installed due to high river flows.

#### **2019 Budget Approvals**

The group approved the following budgets as proposed during the January 23, 2018 meeting:

- Administrative Budget for Fiscal Year (FY) 2019 = \$5,000
- Education and Outreach Budget = \$98,000
- Monitoring Budget for FY 2019 = \$277,000

#### **Status of Memo to EPA for Monitoring Modification, Permit Status, etc.**

- Monica briefed the group on her discussion with Misha. Misha expressed her support for adaptive management and moving the monitoring program forward in lieu of a new permit. While Misha thought Permittee signatures were sufficient for the letter, EPA's Legal Department suggested authorized signatures from whoever typically signs the annual report.
- Steve requested a few additional edits and asked that the Partners letterhead be used for the letter.
- The group discussed each Permittees process for obtaining signatures and discussed an order for routing the letter. Ryan mentioned that although historically we have obtained all original signatures on one page, we should consider adding provisional language to our agreement that states duplicate originals are acceptable.
- The group generally discussed issuance of new permit timeline and continuation of existing programs. Steve shared that they have been working on finalizing prioritization of post-construction inspections and will be starting those with staff this year. Steve said he would love to hear how Garden City and ACHD are addressing this requirement for annual inspections of post-construction facilities during the next Permittee meeting. Monica agreed to put it on the next agenda.

#### **Upcoming Meetings**

July 17, 2018

October 16, 2018



# AGENDA

## Boise Area Municipal Stormwater NPDES Permit Copermittee Meeting

Tuesday, July 17<sup>th</sup>

ACHD Site R

9:30am – 11:00pm

- |  |                   |
|--|-------------------|
| <b>9:30 Introductions, Review of Agenda, Meeting Summary</b>   | <b>Monica</b>     |
| <ul style="list-style-type: none"><li>▪ Additions/modifications to the agenda</li><li>▪ Introduce Tammy Lightle – Stormwater Quality Specialist</li><li>▪ Review and approval of meeting summary 4/17/18</li></ul> <p><i><u>Co-permittee Action:</u></i> Review, approval of meeting summary</p> |                   |
| <b>9:35 Education and Outreach Update</b>  | <b>Aimee</b>      |
| <ul style="list-style-type: none"><li>▪ Update on activities, conference planning</li></ul> <p><i><u>Co-permittee Action:</u></i> Information</p>  |                   |
| <b>9:50 Monitoring Update</b>  | <b>Andy</b>       |
| <ul style="list-style-type: none"><li>▪ Update on activities</li></ul> <p><i><u>Co-permittee Action:</u></i> Information</p>   |                   |
| <b>10:05 Post-Construction Annual Inspections and Enforcement (II.B.2.f)</b>   | <b>Steve/All</b>  |
| <ul style="list-style-type: none"><li>▪ Status on this permit requirement</li></ul> <p><i><u>Co-permittee Action:</u></i> Information, Discussion</p>  |                   |
| <b>10:25 Dry Weather Screening Program Requirements Review (II.B.5.d)</b>  | <b>Adam/All</b>   |
| <ul style="list-style-type: none"><li>▪ Status of this permit requirement; Requests for Assistance</li></ul> <p><i><u>Co-permittee Action:</u></i> Information, Discussion</p>   |                   |
| <b>10:35 EPA Response for Monitoring Modification</b>  | <b>Monica/All</b> |
| <ul style="list-style-type: none"><li>▪ Conversation with Misha</li></ul> <p><i><u>Co-permittee Action:</u></i> Information, Discussion</p>  |                   |
| <b>10:45 Other Updates</b>   | <b>All</b>        |
| <p><i><u>Co-permittee Action:</u></i> Information, Discussion</p>  |                   |
| <b>10:55 Wrap Up and Adjourn</b>   |                   |
- Upcoming Meetings:**
- October 16, 2018

**COPERMITTEE MEETING SUMMARY**  
**BOISE AREA MS4 STORMWATER PERMIT – July 17, 2018**

**Attendees:**

Steve Hubble, City of Boise  
Aimee Hughes, City of Boise  
Ryan Armbruster, DD3  
Suzy Arnette, Boise State  
Kevin Wallis, Garden City

Andy Carlson, ACHD  
Monica Lowe, ACHD  
Adam Van Patten, ACHD  
Tammy Lightle, ACHD

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

Draft meeting summary from 4/17/18 was approved. Tammy Lightle was introduced to the group as ACHD's new Stormwater Quality Specialist to lead the Dry Weather Outfall Screening Program (DWOS Program).

**Education and Outreach Update**

- Aimee informed the group that this will be her last Copermittee meeting. The Boise Watershed has been very busy and is engaging in new adult education programs. Instead of hiring another ½ time position to assist at the Boise Watershed, Aimee will be working there full-time beginning October 1<sup>st</sup>. The details of how the work Aimee was doing on behalf of the Permittees to fulfill NPDES education requirements is still being ironed out. Likely some of the work will be done by Steve and potentially some involvement from the Community and Engagement staff and consultants. Steve does not anticipate any major budget changes. Steve asked that all inquiries in the interim be directed to him. Aimee will still be responsible for coordinating the efforts for the annual stormwater conference this year, scheduled to be held at the Barber Park Events Center on September 12, 2018. Aimee expects a draft agenda to be out for review next week. Andy Long and Aimee are still working on details for the afternoon session.
- A Boise Green Sustainability Summit will be held for the first time this year on August 9<sup>th</sup> and 10<sup>th</sup> at Riverstone. This summit is intended for teachers to introduce them to some of the resources available. Organizers are hoping for about 50 teachers to register the first year. Planning committee consists of Boise State, Idaho Power, Boise City Material Management, and Boise City.
- A conservation field day will be held for five days in September. The Partners have sponsored this event for the past 5 years. The conservation field day brings in schools from outlying areas like Kuna, Middleton, and Parma and rotates 5<sup>th</sup> graders through various lesson stations. Aimee will be teaching at the stormwater station.
- Boise City is looking at doing a direct mailing to homeowners in the contributing watershed to Esther Simplot Park, based on water quality issues occurring in the park. Aimee will keep Partners in the loop if the mailing comes to fruition. If this occurs, Boise City will absorb the cost.
- Aimee will try to reschedule one more Public Education Meeting prior to leaving as well as submitting the quarterly billings. There were corrections sent regarding the previous billing cover letters. Total values were accurate, but corrections were made to the calculations.

**Monitoring Update**

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

- One grab sample is still needed at one monitoring location. All compliance samples were collected following the June 17<sup>th</sup> storm event, but due to a lab error, the sample for e. coli analysis was setup past holding time. This problem has been discussed and new measures implemented to minimize the chance of errors in the future.
- ACHD received a draft of the runoff coefficient evaluation from Brown & Caldwell. The results of this evaluation will help improve sample volumes when collecting composite samples. Once a final technical memo is complete, the new runoff coefficient will be implemented in WY 19. Steve said he would like a copy of the final technical memo when completed.
- We have identified 5 new monitoring stations for level monitoring within the Americana watershed. These sites will be used to determine wet and dry weather flows and see how the measured flow compares to what we would expect. These monitored areas will help us target areas of interest in this large and diverse watershed.

#### **Post –Construction Annual Inspections and Enforcement (II.B.2.f)**

The group discussed how the cities and ACHD were meeting the post-construction annual inspection program. Brief summaries are provided below:

- Boise City uses a prioritization matrix that includes the elements in the permit with additional elements such as land use, if the facilities receive pretreatment inspections, and potential to discharge to water bodies. 38 of ~2800 structures met the criteria based on a desktop exercise. Inspections will be conducted with Pretreatment Staff and will focus on the structures, not necessarily pollution prevention aspects that are included in Pretreatment Inspections.
- Garden City also uses a matrix that includes permit required elements and point system. Garden City ensures new installations are correct starting in the review process and then field verifies new installations. Garden City's matrix is designed so that if the facility is not discharging to waters of the U.S., it is not considered high priority. Garden City has a robust pretreatment inspection program and conducts hundreds on inspections a year.
- ACHD has approximately 900 stormwater basins owned by HOA's with about 90 basins discharging to waters of the U.S. ACHD requires O&M agreements that specify the HOA is required to conduct "light" maintenance on their stormwater facilities and ACHD is responsible for "heavy" maintenance.

The group discussed challenges with enforcement, education, and the lack of historical records. Steve asked the group about the need for an updated Partners stormwater O&M manual. Ryan shared the issue of strip malls/commercial facilities changing hands and lack of knowledge of the drainage system and their responsibilities. Ryan suggested targeted outreach to this group.

#### **Dry Weather Screening Program Requirements Review (II.B.5.d.)**

The group discussed the dry weather screening permit requirements. Adam will assist Tammy, as needed, to fulfill Permittee requests for assistance meeting this requirement. Monica requested that an email with a detailed map be sent to Tammy and that Adam be copied for dry weather inspection/sampling requests. Permittees are asked to coordinate with Tammy if they would like to participate in the inspections. Steve clarified it is his understanding that when Boise City requests specific outfalls be investigated and sampled if flowing, no further investigation regarding determining the source is expected, unless requested otherwise. The group agreed to notify Tammy as early as possible to allow time for sampling for e. coli geometric mean, if necessary.

#### **Status of Memo to EPA for Monitoring Modification**

- Monica briefed the group on her discussion with Misha following notification from EPA that they received the request for monitoring modifications. Misha reiterated her support for adaptive management and stated that it was important to her to have the letter sent from EPA to document in our file that we are providing notice of our intentions and have had open communications with EPA. She stated she thought this was important history for DEQ to be aware of when they take over the program. Misha acknowledged she is not in the enforcement group but did not foresee any compliance issues with the alternate monitoring we intend to implement.
- Ryan agreed with moving forward with the proposed monitoring approach and continuing to implement permit requirements. Kevin agreed and encouraged documenting conversations with Misha, if not already the practice. Steve expressed some concerns about program audits. The group discussed who and how past audits have been performed.

#### **Upcoming Meetings**

October 16, 2018