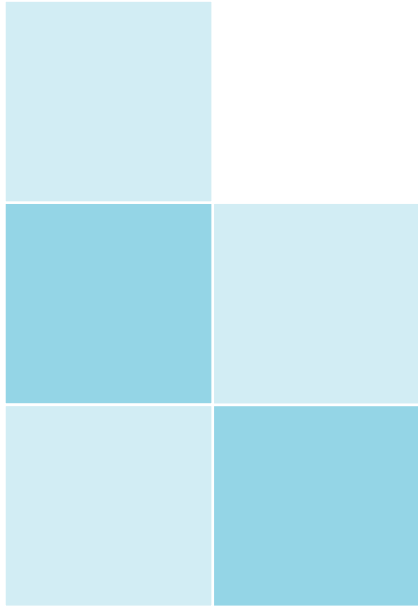


PERMIT YEAR  
2017

# 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 3



# **Table of Contents**

## **Boise and Garden City Area NPDES Permittees Annual Reports and Supplemental Reapplication Materials Permit Year 2017**

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

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

Boise\_ GC 2017 – Section 01 Report Cover, Table of Contents and Permittee Summary

Boise\_ GC 2017 – Section 02 Supplemental Reapplication Materials

Boise\_ GC 2017 – Section 03 Ada County Highway District Report

Boise\_ GC 2017 – Section 04 Boise State University Report

Boise\_ GC 2017 – Section 05 City of Boise Report

Boise\_ GC 2017 – Section 06 City of Garden City Report

Boise\_ GC 2017 – Section 07 Ada County Drainage District 3 Report

Boise\_ GC 2017 – Section 08 Idaho Transportation Department, District 3 Report

## **Boise and Garden City Area NPDES Permittee Summary**

### **October 1, 2016 – September 30, 2017**

The Boise and Garden City permittees (Permittees) completed their fifth 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, 2016 – September 30, 2017. 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 5 meetings last year. An additional meeting was held in addition to the regularly scheduled quarterly meetings to complete the Permittees NPDES reapplication submittal. Meeting agendas and summaries for the meetings are included in Appendix A.

#### Green Stormwater Infrastructure (GSI) Pilot Projects

Installation of permeable pavers in two downtown Boise alleys was completed in the 2013-2014 permit year. The two permeable alleys are considered to be one pilot project. A second pilot project, a stormwater tree cell, was installed in 2014-2015. Project details and a monitoring plan were also included in ACHD's 2014-2015 annual report. In 2017, pressure transducers were installed in the observation wells for more intensive monitoring to evaluate effectiveness at both GSI pilot projects. Final reports are available in ACHD's annual report, Appendix 5 and 6. The third pilot project was completed in spring, 2017 by the City of Boise at the new Boise City Library! at Bown Crossing. Additional information on this project is located in Boise's annual report (II.B.2.c).

#### Monitoring

Stormwater outfall monitoring was conducted during the fifth permit year. 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 53 calls in the past year. This call volume is consistent with the last couple of years. A summary of illicit discharge response activities is included in respective Permittee annual reports.

**TABLE A. BOISE AND GARDEN CITY AREA STORMWATER POLLUTION HOTLINE CALL SUMMARY**

Call Recipient	Yearly Totals of Calls Received						
	16-17	15-16	14-15	13-14	12-13	11-12	10-11
Garden City	1	1	4	0	0	4	0
Boise City	20	18	23	19	11	35	16
ACHD	26	29	23	32	29	46	59
ITD, District 3	1	1	1	1	2	0	1
Ada County Drainage District 3	5	1	3	3	10	6	5
Boise State University	0	0	0	0	0	0	1
<b>Totals</b>	<b>53</b>	<b>50</b>	<b>54</b>	<b>55</b>	<b>52</b>	<b>91</b>	<b>82</b>

#### Reapplication Supplemental Materials

The Permittees submitted the Boise/Garden City Area NPDES Municipal Stormwater Permit (IDS-027561) Reapplication (Reapplication) in July 2017. The U.S. Environmental Protection Agency (EPA) confirmed receipt of the reapplication materials and determined it completed as of July 31, 2017. EPA issued an administrative extension of the current Permit via written correspondence on October 11, 2017.

As stated in the Reapplication submitted in July 2017, we have included additional information to support the permit-required effectiveness evaluations and wet weather monitoring in our 2016-17 annual report. This information, along with each Permittee's updated MS4 inventory map and a summary description of the inventory (as required in II.B.4.a. of the Permit), is located in Section 02, Supplemental Reapplication Materials, of this report.

# Appendix A

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## Permittee Meeting Agendas and Summaries



# AGENDA

## Boise Area Municipal Stormwater NPDES Permit Copermittee Meeting

Tuesday, October 18, 2016

ACHD Site R

9:30am – 11:00pm

- 9:30 Introductions, Review of Agenda, Meeting Summary** Erica
- Additions/modifications to the agenda
  - Review and approval of meeting summary 7/19/16
- Co-permittee Action: Review, approval of meeting summaries
- 9:35 Education and Outreach Update** Aimee
- Update on activities
  - Commercial/Industrial targeted outreach
- Co-permittee Action: Review, discussion
- 9:55 Training for Maintenance of GSI** Joan
- Update on activities
- Co-permittee Action: Review, discussion
- 10:10 Monitoring Update** Monica
- Introduction to Andrew Carlson, ACHD
  - Update on activities
- Co-permittee Action: Information
- 10:25 Annual Report and 2017 Meeting Schedule** Erica
- Review of annual report requirements
  - 2016 annual report schedule:
    - Annual reports with original signed certification page due to ACHD Monday, December 19, 2016
    - ACHD will send final report to EPA no later than Friday, January 30, 2017
  - Overview/status of 2016 permit requirements
    - Permit Reapplication (4<sup>th</sup> annual report or August 3, 2017)
  - Review of proposed meeting schedule for 2017:
    - January 24, 2017 (budget proposals)
    - April 18, 2017 (budget approvals)
    - July 18, 2017
    - October 17, 2017
- Co-permittee Action: Discussion; Approval of proposed meeting schedule
- 10:45 IPDES/Pollutant Trading/Draft Statewide Permit Update** Erica, Robbin
- Status
- Co-permittee Action: Information, discussion
- 11:00 Wrap Up and Adjourn**

**DRAFT COPERMITTEE MEETING SUMMARY  
BOISE AREA MS4 STORMWATER PERMIT  
October 18, 2016**

**Attendees:**

Joan Meitl, ACHD  
Aimee Hughes, Boise City  
Liz Paul, BREN, Community LLC  
Meghan Conrad, DD3

Monica Lowe, ACHD  
Andy Carlson, ACHD  
Erica Anderson Maguire, ACHD

**Introductions, Review of Agenda**

Meeting summary from 7/19/16 was approved.

**Education and Outreach Update**

Aimee thanked group for approving \$10,000 expenditure for Boise Watershed Exhibits river campus. She stated the site is very nice with a stormwater component. A grand opening will occur April 15, 2017. Aimee handed out draft factsheets on commercial landscaping and mobile businesses. Please take time to review and send comments to Steve. The intent is to print just a few and provide a link on website. The group discussed additional venues by which to distribute the factsheets including handing out at annual Idaho Nursery Landscaping Association (INLA) conference in January. Positive feedback from attendees was received on the stormwater conference, especially bringing in speakers from outside area. Liz conveyed that she never received notice of the conference and requested that more outlets be used to advertise in the future - use of past attendee email list and link on Partners website is not adequate. Activities for next year include developing more factsheets (please send Aimee ideas), translate more "Eddy Approved" factsheets into Spanish and continue work on storm drain marking database with assistance from ACHD drainage crew who will be performing biannual inspections on all catch basins. Aimee shared that a new Boise City department has been created – Community Engagement. This department will be responsible for regularly updating websites, including the Partners website which is scheduled for modification in the next year.

**Training for Maintenance of GSI**

Joan shared that ACHD will be proposing the requirement that the planting plans for vegetated stormwater facilities are to be developed by qualified designers. ACHD staff also requested a plant list of appropriate species be developed for these facilities. This issue ties into maintenance of vegetated facilities. Joan summarized that she had met earlier in the year with Steve, Sarah and representatives from the INLA to discuss the need of training for landscape professionals/staff that specifically addresses how properly maintain GSI facilities and topics needed to be addressed in the training. The idea is that in order to be able to perform maintenance on these types of facilities, training certification is required; similar to the ESC training and certification program. There has been limited discussion on the topic for some time, but Joan is planning to begin developing a training (1/2 to full day) that will be presented to a focus group at the January 2017 INLA conference. She is asking for assistance in developing the training, especially from Boise staff since there are vegetated facilities that have been recently built or will be built that Boise Parks and Rec staff will be maintaining e.g. Royal Blvd. and 15<sup>th</sup> and State. Based on focus group feedback the training will be modified and then provided annually at the INLA conference. The annual stormwater conference could also serve as a forum for the training.

**Monitoring Update**

Monica provided brief update on recent forecasted weekend storm that did not pan out. Monica also discussed monitoring equipment that is aging, manufacturing equipment model updates, and database updates all of which are impacting amount of time and energy necessary to implement monitoring activities. Equipment will continue to be replaced on as needed basis.

Monica introduced Andy Carlson who is the new Stormwater Quality Specialist that will be focusing his efforts on monitoring. Andy has most recently worked locally for the Bureau of Reclamation on an endangered species project.

Prior he spent six years as a research associate at Colorado State University assisting various professors and students with research activities relating to hydrology and ecology projects.

### **Annual Report FY16**

2016 annual report schedule:

- Annual reports with original signed certification page due to ACHD Monday, December 19, 2016
- An electronic copy of the report is preferred
- No paper copy is needed unless you do not submit an electronic copy.

Erica told the group that a permit reapplication is required to be submitted in 2017. The options are to submit the reapplication as part of the 4<sup>th</sup> annual report (due January 30, 2017) or to submit a standalone reapplication no later than 180 days prior to permit expiration (January 30, 2018). This would require the group to submit a reapplication no later than August 3, 2017. Erica recommended the group discuss the reapplication topic at the January permittee meeting. By discussing on this date, the reapplication will very likely not be included in the 4<sup>th</sup> annual report, but instead be submitted separately at a later date. Erica provided handout that highlights permit requirements that were to be completed by September 30, 2016 and included in FY16 annual report (attached).

### **2017 Meeting Schedule**

The group agreed to the following meeting dates for 2017:

- January 24, 2017 (budget proposals)
- April 18, 2017 (budget approvals)
- July 18, 2017
- October 17, 2017

### **IPDES/Pollutant Trading/ Draft MS4 Statewide Permit Update**

The IPDES primacy package was submitted to EPA Region 10 on August 31, 2016 (<http://www.deq.idaho.gov/water-quality/ipdes/program-application/>). Program guidance document development is continuing. Stormwater MS4 permits are scheduled for IDEQ oversight in 2020.

A pollutant trading draft framework was developed by Willamette Partnership via a grant from IDEQ for the lower Boise River. Multiple meetings were held, but consensus was not made on issues such as baseline. The contract with Willamette Partnership has ended and the technical advisory group (TAC) will be meeting on October 27<sup>th</sup> from 1-4:30 at the Caldwell Airport to discuss issues of concern/need additional work and next steps. The current draft concept can be found at <http://www.deq.idaho.gov/regional-offices-issues/boise/basin-watershed-advisory-groups/lower-boise-river-wag/>.

EPA Region 10 submitted a draft Phase II General Permit to IDEQ for 401 certification. This draft permit was initially submitted to IDEQ as a statewide general permit (Phase I and Phase II combined), but Phase II communities strongly voiced their concerns about this approach and EPA modified the draft to just cover Phase II communities. Misha contacted Erica on 10/18/16 and shared that IDEQ had declined 401 certification of the permit. EPA plans to move forward and make some modifications ("simplify") to the Draft Phase II permit and put out for public comment late 2016/early 2017. Our Phase I permit will not be impacted by this process; we will still be the only Phase I permit holders in Idaho.

### **Next Meeting**

Tuesday, January 24th, 2017 @9:30, ACHD – Site R



# AGENDA

## Boise Area Municipal Stormwater NPDES Permit Copermittee Meeting

Tuesday, February 7, 2017

ACHD Site R

9:30am – 11:00pm

- 9:30 Introductions, Review of Agenda, Meeting Summary** Erica
- Additions/modifications to the agenda
  - Introduction of new ESC inspector for Boise
  - Review and approval of meeting summary 10/18/16
- Co-permittee Action:* Review, approval of meeting summaries
- 9:35 Education and Outreach Update** Aimee
- Update on activities
- Co-permittee Action:* Information
- 9:45 Monitoring Update** Monica
- Update on activities
- Co-permittee Action:* Information
- 9:55 2018 Budget Proposals and 2017 Budget Status** Erica, Monica, Steve
- Administration
  - Monitoring
  - Education and Outreach
- Co-permittee Action:* Information, discussion
- 10:25 Status of New Permits, IPDES, Trading** All
- Update on IPDES process, draft MS4 Phase II general permit
- Co-permittee Action:* Information
- 10:40 Permit Reapplication** Erica
- Overview
  - Next Steps and Schedule
- Co-permittee Action:* Information, discussion
- 11:00 Wrap Up and Adjourn**
- Upcoming Meetings:**
- April 18, 2017 (budget approvals)
  - July 18, 2017
  - October 17, 2017

**DRAFT COPERMITTEE MEETING SUMMARY  
BOISE AREA MS4 STORMWATER PERMIT  
February 7, 2017**

**Attendees:**

Steve Hubble, Boise City  
Aimee Hughes, Boise City  
Liz Paul, BREN, Community LLC  
Ryan Armbruster, DD3

Monica Lowe, ACHD  
Andy Carlson, ACHD  
Erica Anderson Maguire, ACHD  
Greg Vitley, ITD

**Introductions, Review of Agenda, General Business**

Meeting summary from 10/18/16 was approved. Erica announced that Jason Korn will be leaving ACHD to join City of Meridian as their Environmental Compliance Coordinator. Jason's last day with ACHD is February 14<sup>th</sup>.

**Education and Outreach Update**

- Aimee presented the new Commercial Landscaping and Mobile Business Fact Sheets that are available for printing on the Partners website and provided hard copies for the group. Aimee asked the group for ideas to get the word out to promote the fact sheets. Ryan suggested reaching the public contractors through the Public Works Licensing Department for the State of Idaho. Contacting school district, golf courses, and HOA's were also suggested. Erica said she would follow-up with Joan to see if she had other ideas from her outreach work. Aimee and Steve will come back at the April meeting with a list of suggestions for outreach that can be built on. Pet Waste and Lawn Care fact sheets will be developed next.
- Aimee invited the group to the Boise River Campus Grand Opening at 2:00 on April 12<sup>th</sup>. This project was sponsored by the Partners for Clean Water so attendance is appreciated. Actual invites coming soon.
- Boise City's Community Engagement Department will be updating the Partners website this spring. Aimee welcomes any suggestions for improvement. In general, Steve anticipates an updated look, compliance elements to remain, and to increase community outreach. Liz suggested a website showing community members being active doing activities that promote a message. Additionally, Aimee asked the group to consider content we may want to distribute via social media.
- Since spring is around the corner, lots of requests for Eddy
- Aimee and Andy Long will be spearheading the 2017 Stormwater Conference this year. Considering ½ or full day ESC. Planning Committee will be convening soon. Please let Aimee or Andy know if you have ideas for speakers that would be well received. Aimee will be posting more ESC webinar opportunities and encouraged others to host webinars to boost training opportunities.
- Steve is working with Clearwater Analytics to setup an online stormwater survey. The approach is to collect baseline data and then build on what we learn. Likely 25-30 question survey rolling out mid-Spring. This would be paid out of the Education and Outreach budget.

**Monitoring Update**

Only one sampling event so far this water year, due to frozen conditions, and lack of antecedent dry period. Sampling event on December 4<sup>th</sup> where composites at all sites, but one, were successfully collected. Whitewater station has been relocated across Whitewater Park Blvd. for improved flow measurements. Copermittees were not charged for the station location. Potential for river surcharging the Main and Americana sites were discussed, depending on river stage.

**FY2018 Budget Proposals and Review of FY2016 Budgets**

Administration Budget –

- Erica proposed keeping the budget the same as previous years, \$5000. This budget was billed out for Watershed planning work last year and may be used for the reapplication process in 2017.

#### Monitoring Budget -

- Monitoring Budget - Erica opened by explaining why there has been significant increases in staff costs. In the past, the rate we were projecting was significantly under what was established through ICAP, Indirect Cost Allocation Plan, which is approved through ITD each year. Through the ICAP process, ITD audits the billing rate to determine if they are too high or too low. The new rates are more than a 200% increase from our previous rates. Additionally, our overall budget was underspent last year due to the majority of the work being done during the reporting period (October through December). We are modifying our contract year to coincide with the fiscal year to try and prevent this from occurring in the future.
- Monica explained that a monitoring budget of \$300,000 is being proposed for FY18 to more accurately compare to FY17 budget of \$260,000. This additional amount will more accurately account for staffing.
- Another update on monitoring budget will be provided during the July meeting.

#### Education and Outreach Budget -

- Steve presented the budget status and proposed the same budget for FY18 that was adopted for FY17, \$98,000.
- FY16 was within budget, totaling \$93,544.74.

#### Status of Pollutant Trading, New Permits, Etc.

- Trading - Steve shared his perspective on recent trading meetings. Steve said a lot of work was done last year to get a document that still had some key issues to overcome, but seemed close to being workable. However, others are others seem to feel trading is the solution to all nonpoint source pollution in the valley instead of a tool to towards the end goal. Plans to tackle key issues next meeting.
- Ryan reported that a task force or study group may convene between legislation sessions to start discussion of a stormwater utility.
- Draft Phase II Permit – Misha Vakoc, EPA Region 10, will be in town in March to discuss the new draft Phase II NPDES general permit. Phase I communities are welcome to attend the meeting. Erica will inform the group when she knows date and time. As drafted, the Phase II general permit will be a two- step permit: 1) general permit requirements that apply to all permit holders and 2) specific requirements based on local TMDLs.

#### Permit Reapplication

Erica distributed copies of the permit language stating that permit reapplication must be submitted in the 4<sup>th</sup> year of the annual report or 180 days prior to expiration of the permit (July). Erica provided a handout of the table of contents from the last Phase I reapplication submitted in 2004. This should give the group an idea of the content of the reapplication that was previously submitted. Additionally, Erica distributed ACHD's 2014 Phase II Permit Reapplication as an example of another approach.

The group decided each permittee would work on their respective sections of the permit and then convene to share as a group. Erica will start setting up some meeting dates for reapplication for May – July.

#### Next Meeting

Tuesday, April 18th, 2017 @9:30, ACHD – Site R

**FY2018 Proposed Budget for Partners for Clean Water**  
**Staff Contact: Steve Hubble/Aimee Hughes**  
**February 7, 2017**



	FY2018 Proposed
Media Buys	\$15,000.00
- billboards, bus ads, radio, t.v., BMF	
Outreach	\$7,000.00
- website, trainings, public notices, stormdrain marking	
Events/Sponsorships	\$5,000.00
- RiverSweep, Conservation Field Day, Watershed Watch, etc.	
Program Materials	\$12,000.00
- Graphic Design, Targeted Audience develop., Printing, etc.	
Subtotal	\$39,000.00
Education Staff (Boise City Staff Time)	\$59,000.00
Cost Share Program Total	\$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%

## Monitoring Budget

Boise/GC Area MSA Permitttees  
Tuesday, February 07, 2017

Monitoring Expense	Final 15-16	Approved 2016-17	Proposed 2017-18
Lab Analyses & Services	9,182.90	14,000	12,000
Sampling Contract <sup>1</sup>	92,445.99	140,000	135,000
Shipping, Qwest, Idaho Power	1,188.34	1,000	1,000
Supplies, Equipment, Small Tools	27,862.33	20,000	21,000
Monitoring Staff	70,915.34	84,000	130,000
Database		1,000	1,000
<b>Total</b>	<b>\$ 201,594.90</b>	<b>\$ 260,000</b>	<b>\$ 300,000</b>
Range - 10% above budget	\$ 221,754.38	\$ 286,000	\$ 330,000
Range - 10% below budget	\$ 243,929.82	\$ 234,000	\$ 270,000

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

Final Expenses FY15-16			
Monitoring Expenses		Approved Budget Total*	% Spent
Quarter	Total		
1	72,651.53		
2	41,345.07		
3	49,862.75		
4	37,735.55		
<b>Total</b>	<b>\$ 201,594.90</b>	<b>255,000</b>	<b>79.06%</b>

Monitoring Expense Summary 2000-2016																
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
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
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
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
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	25,393.98	27,862.33
Monitoring Staff	58,856.88	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
<b>Total</b>	<b>\$130,878.76</b>	<b>\$154,017.00</b>	<b>\$150,120.00</b>	<b>\$150,000.18</b>	<b>\$151,179.18</b>	<b>\$144,823.17</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>

Expense	1st Quarter FY 2017 <sup>1</sup>
Lab Analyses and Services	0.00
Sampling Contract	65,648.65
Shipping and Utilities	3,774.46
Supplies, Equipment, Small Tools	9,739.27
Monitoring Staff	36,257.48
Administrative Expenses	757.02
<b>Total Expenses</b>	<b>\$116,176.88</b>

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

Expenses FY16-17			
Monitoring Expenses		Approved Budget Total	% Spent
Quarter	Total		
1	\$115,419.86		
2			
3			
4			
<b>Total</b>	<b>\$115,419.86</b>	<b>260,000</b>	<b>44.39%</b>

1st Q total is not finalized

# AGENDA

## Boise Area Municipal Stormwater NPDES Permit Copermittee Meeting

Tuesday, April 18, 2017

ACHD Site R

9:30am – 11:00pm

- 9:30 Introductions, Review of Agenda, Meeting Summary** Erica
- Additions/modifications to the agenda
  - Review and approval of meeting summary 2/7/17
- 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** Monica
- Update on activities
- Co-permittee Action:* Information
- 10:05 2018 Budget Proposals** Erica/Monica/Steve
- Administration
  - Monitoring
  - Education and Outreach
- Co-permittee Action:* Discussion, approval of FY2018 budgets
- 10:25 Permit Reapplication** Erica
- Overview and deadline – Friday, July 28, 2017
  - Discuss process moving forward
    - Individual comments and group comments
    - Proposed dates for future meetings: May 16, June 20, July 18 (all Tuesdays)
    - Develop agenda for May meeting
- Co-permittee Action:* Information, Discussion
- 11:00 Wrap Up and Adjourn**
- Future Meetings:**
- July 18, 2017
  - October 17, 2017

## **COPERMITTEE MEETING SUMMARY**

### **BOISE AREA MS4 STORMWATER PERMIT – April 18, 2017**

#### **Attendees:**

Steve Hubble, City of Boise  
Meghan Conrad, DD3  
Liz Paul, BREN, Community LLC

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

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

Draft meeting summary from 2/7/17 was approved with one correction; Steve Hubble representing City of Boise, not ACHD. Erica announced ACHD's new hire for a Stormwater Quality Specialist, Josh Schultz, has left ACHD and taken a job as a Biologist with Idaho Power.

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

- Steve updated the group on progress made toward developing a citizen stormwater survey. City of Boise staff provided sample questions to Clearwater Analytics to be polished. Once a draft survey is completed, Boise City will seek comments through their Office of Community Engagement and the Partners. Boise City hopes to have the survey out in May 2017. Once the data from the survey has been collected, Clearwater Analytics will create a summary report. A draft of this report will be distributed to the Partners for comment. The work for the survey is expected to cost ~\$2000.
- The Partners website is on Boise's Office of Community Engagement's schedule for an update. It is anticipated the existing website content will be moved to the updated website in summer 2017. The website will have the same look and feel as the Curb it program website.
- The Pet waste fact sheets are almost completed. This work is being done by the same company from Bend, OR that completed the new Commercial Landscaping and Mobile Business fact sheet. Next on the list to be completed will be a residential lawn care fact sheet.

#### **Monitoring Update**

Monica provided a summary of the sampled storms this water year. Samples from two more storm events are needed to meet NPDES requirements. Two of the monitoring stations near the river, Americana and Main, have been moved "up-pipe" in the storm drain to avoid the influence of high river flows. Monica provided the group maps of the smaller drainage areas the alternate sites represent.

#### **FY2018 Budget Proposals**

Administration Budget –

- Erica reminded the group that the proposed budget is the same as previous years, \$5000. This budget was billed out for Watershed planning work last year and may be used for the reapplication process in 2017. The Administration budget of \$5000 was approved for FY 2018.

Monitoring Budget -

- The group revisited the reason for the 200% increase in staffing rates from previous years. A monitoring budget of \$300,000 was approved for FY 2018.

Education and Outreach Budget -

- The group approved the same budget as FYI 2017, \$98,000 for FY 2018.

#### **Permit Reapplication**

The group agreed upon the proposed dates for future meetings to work through the permit reapplication process. The group agreed there would likely be group and individual comments submitted. An approach to the meeting schedule was discussed and agreed that each permittee will come to the first meeting ready to discuss what they like or would like to have changed in the new permit. Based on this discussion agendas will be prepared for subsequent meetings. Deadline for reapplication is July 28, 2017.

#### **Next Meeting**

Tuesday, May 16<sup>th</sup> @ 9:30, Site R- ACHD

Erica summarized general layout of reapplication package:

- a) Introduction/Summary of package
  - b) Joint Comments – include proposed edits and reasoning/basis for each
  - c) Individual Permittee Information and Comments (if applicable) – Permittees encouraged to begin drafting information required for reapplication (See list of required elements below). If permittee has other comments beyond those in Joint Comment section, the individual comments would be included in this section.
- 4) Develop agenda for June meeting – Group will meet again on June 20<sup>th</sup>, 9:30-11:00 at Site R.
- Assignments:
- Monica will provide detailed monitoring comments
  - Erica will draft introduction/summary language regarding request for permit flexibility
  - Steve will draft text that will streamline new development/redevelopment text, in particular II.B.2.a.ii. and II.B.2.c.
  - Set deadline for completion and submittal of individual permit information and comments
  - Set deadlines for review and completion of joint comments

**Reapplication Requirements (Pages 54 and 55 of permit):**

- 1) Name and mailing address(es) of the Permittees that operate the MS4;
- 2) Names and titles of the primary administrative and technical contacts the Permittees;
- 3) Identify any previously unidentified water bodies that receive discharges from the MS4;
- 4) Provide a summary of any known water quality impacts on the newly identified receiving waters;
- 5) Provide a description of any changes to the number of applicants;
- 6) Provide any changes or modifications to the Storm Water Management Program as implemented by the Permittees; and
- 7) The reapplication package may incorporate by reference the 4<sup>th</sup> annual report when the reapplication requirements have been addressed within the report.



**Summary**  
**Boise/Garden City Area Municipal Stormwater NPDES Permit**  
**Permittee - Reapplication Meeting #1**

**Tuesday, May 23, 2017**  
**ACHD Site R**  
**9:30am – 11:00pm**

**Attendees:**

Greg Vitley, ITD

Meghan Conrad, Elam and Burke (DD3)

Steve Hubble – Boise

Kevin Wallis – Garden City

Erica Anderson Maguire - ACHD

Monica Lowe - ACHD

Suzy Arnette – BSU

**Meeting Agenda:**

- 1) Each Permittee is to develop (and bring to meeting) their list of concerns with current permit and proposed changes. Discuss each permittee's issues, find commonalities for a combined comment list.

**There was an overall agreement from group that additional flexibility is needed in the next permit. Specific areas cited by permittees include:**

- a) II.B.2.a (page 14) New Development and Redevelopment – Add exclusion for retrofit sidewalk projects along with individual and two family dwelling
  - b) II.B.2.a.ii. (Page 14) For projects that cannot meet 100% - Add language similar to that in draft Phase II permit that allows for "Alternatives for Local Compliance" including offsite mitigation as listed in current Phase I permit. Steve will be working on streamlining text in this section (II.B.2.a.ii.) along with text in II.B.2.c. This would include text in section II.B.2.c.iii Riparian Zone Management and Outfall Disconnection.
  - c) II.B.2.f. (Page 19) Inspection and Enforcement of Permanent Stormwater Management Controls – Modify language to add flexibility for prioritization.
  - d) IV.A. Monitoring – Edit text that allows for more flexibility in BMP monitoring, location of outfall/wet weather sampling, and timing of collection of wet weather grab samples. Delete text associated with fish tissue sampling and in-stream monitoring (IV.A.8).
  - e) IV.C.3. Annual Report – Streamline annual report submittals.
  - f) II.A.1.b. SWMP Documentation – Annual updates of SWMPs – Can there be streamlining with annual reporting and annual SMWP updates.
- 2) Permittees also encouraged to develop list of permit requirements that are successful and modifications to make better.  
Permittees conveyed being content with ESC section. No areas were discussed for expansion. Steve shared that education section II.B.6. could be edited to emphasize pollutants of concern versus target audiences.
  - 3) Discuss administrative reapplication issues and responsibilities – individual and group comments, packaging.

Erica summarized general layout of reapplication package:

- a) Introduction/Summary of package
  - b) Joint Comments – include proposed edits and reasoning/basis for each
  - c) Individual Permittee Information and Comments (if applicable) – Permittees encouraged to begin drafting information required for reapplication (See list of required elements below). If permittee has other comments beyond those in Joint Comment section, the individual comments would be included in this section.
- 4) Develop agenda for June meeting – Group will meet again on June 20<sup>th</sup>, 9:30-11:00 at Site R.
- Assignments:
- Monica will provide detailed monitoring comments
  - Erica will draft introduction/summary language regarding request for permit flexibility
  - Steve will draft text that will streamline new development/redevelopment text, in particular II.B.2.a.ii. and II.B.2.c.
  - Set deadline for completion and submittal of individual permit information and comments
  - Set deadlines for review and completion of joint comments

**Reapplication Requirements (Pages 54 and 55 of permit):**

- 1) Name and mailing address(es) of the Permittees that operate the MS4;
- 2) Names and titles of the primary administrative and technical contacts the Permittees;
- 3) Identify any previously unidentified water bodies that receive discharges from the MS4;
- 4) Provide a summary of any known water quality impacts on the newly identified receiving waters;
- 5) Provide a description of any changes to the number of applicants;
- 6) Provide any changes or modifications to the Storm Water Management Program as implemented by the Permittees; and
- 7) The reapplication package may incorporate by reference the 4<sup>th</sup> annual report when the reapplication requirements have been addressed within the report.

- Steve will draft text that will streamline new development/redevelopment text, in particular II.B.2.a.ii. and II.B.2.c. – Steve provided some options on approaches to text. He will flush out the text and provide modifications. (hand out)

#### **Homework:**

- 1) During the meeting Permittees discussed and volunteered (as noted below) to edit and/or draft new text. These items will be addressed as group comments.
  - a) **(Steve)** II.B.2.a (page 14) New Development and Redevelopment – Add exclusion for retrofit sidewalk projects along with individual and two family dwelling
  - b) **(Steve and group)** II.B.2.a.ii. (Page 14) For projects that cannot meet 100% - Add language similar to that in draft Phase II permit that allows for “Alternatives for Local Compliance” including offsite mitigation as listed in current Phase I permit. Steve will be working on streamlining text in this section (II.B.2.a.ii.) along with text in II.B.2.c. This would include text in section II.B.2.c.iii Riparian Zone Management and Outfall Disconnection.
  - c) **(Steve and group)** II.B.2.f. (Page 19) Inspection and Enforcement of Permanent Stormwater Management Controls – Modify language to add flexibility for prioritization.
  - d) **(Monica)** IV.A. Monitoring – Edit text that allows for more flexibility in BMP monitoring, location of outfall/wet weather sampling, and timing of collection of wet weather grab samples. Delete text associated with fish tissue sampling and in-stream monitoring (IV.A.8).
  - e) **(Ryan and Erica)** IV.C.3. Annual Report – Streamline annual report submittals.
  - f) **(Ryan and Erica)** II.A.1.b. SWMP Documentation – Annual updates of SWMPs – Can there be streamlining with annual reporting and annual SMWP updates.
- 2) **If permittees have comments that are not addressed by group comments, these comments need to be prepared for insertion into reapplication.**

#### **4) Other outstanding issues**

- Erica shared Greg’s email regarding concerns about commercial and industrial requirements. Erica stated that ACHD uses Boise and Garden City staff to address inspection requirements. Steve shared that perhaps ITD’s SMWP could detail ITD approach.
- Ryan asked about training requirements and if there was a need to edit text. Steve stated that the Partners had purchased training videos on stormwater management and illicit discharge. These can be accessed via Steve or Aimee.

#### **5) Next Steps – Last meeting July 18<sup>th</sup>. Reapplication Due Friday July 28<sup>th</sup>.**

**The group decided all edits to text need to be submitted to Erica by Friday, July 7<sup>th</sup>.** This provides time to make additional edits and have a final draft to review and discuss at our July 18<sup>th</sup> meeting.

**Agenda**  
**Boise/Garden City Area Municipal Stormwater NPDES Permit**  
**Permittee - Reapplication Meeting #1**

**Tuesday, June 20, 2017**  
**ACHD Site R**  
**9:30am – 11:00pm**

**Meeting Agenda:**

- 1) Review of Draft reapplication document and discuss missing information (Hand out)
- 2) Review and discussed draft monitoring proposal (hand out)
- 3) Discuss issues from previous meeting.
  - Erica will draft introduction/summary language regarding request for permit flexibility
  - Steve will draft text that will streamline new development/redevelopment text, in particular II.B.2.a.ii. and II.B.2.c.

**There was an overall agreement from group that additional flexibility is needed in the next permit. Specific areas cited by permittees include:**

- a) II.B.2.a (page 14) New Development and Redevelopment – Add exclusion for retrofit sidewalk projects along with individual and two family dwelling
  - b) II.B.2.a.ii. (Page 14) For projects that cannot meet 100% - Add language similar to that in draft Phase II permit that allows for “Alternatives for Local Compliance” including offsite mitigation as listed in current Phase I permit. Steve will be working on streamlining text in this section (II.B.2.a.ii.) along with text in II.B.2.c. This would include text in section II.B.2.c.iii Riparian Zone Management and Outfall Disconnection.
  - c) II.B.2.f. (Page 19) Inspection and Enforcement of Permanent Stormwater Management Controls – Modify language to add flexibility for prioritization.
  - d) IV.A. Monitoring – Edit text that allows for more flexibility in BMP monitoring, location of outfall/wet weather sampling, and timing of collection of wet weather grab samples. Delete text associated with fish tissue sampling and in-stream monitoring (IV.A.8).
  - e) IV.C.3. Annual Report – Streamline annual report submittals.
  - f) II.A.1.b. SWMP Documentation – Annual updates of SWMPs – Can there be streamlining with annual reporting and annual SMWP updates.
- 4) Other outstanding issues
  - 5) Next Steps – Last meeting July 18<sup>th</sup>. Reapplication Due Friday July 28<sup>th</sup>.

**Summary**  
**Boise/Garden City Area Municipal Stormwater NPDES Permit**  
**Permittee - Reapplication Meeting #2**

**Tuesday, June 20, 2017**  
**ACHD Site R**  
**9:30am – 11:00pm**

**Meeting Agenda:**

**1) Review of Draft reapplication document and discuss missing information (Hand out)**

Erica provided draft permit application. The sections in the draft are those required as listed in the current permit (IV.B. (page 55)). Section 6 of the document is the modification request section. Parts 6.I-III will include agreed upon group comments. Part 6.IV. will consist of comments that represent individual permittees. This is a working draft of the reapplication. The document will be updated as information specific to each permittees is provided and permit modifications are drafted. Section 3 addresses unidentified water bodies receiving discharges. Erica reviewed previous reapplication (2004) and this was not included in the document. The group agreed that each permittee would provide a list of receiving water bodies as a baseline for this section. It is likely most permittees have this information as part of their outfall inventories.

**Homework:**

- a) Section 1 - **Each permittee** is to review contact information and update as needed.
- b) Section 2 - **Each permittee** is to review/edit primary administrative and technical contacts and applicable contact information.
- c) Section 3 – **Each permittee** needs to provide list of receiving waters receiving MS4 discharges under their jurisdiction. As an example, ACHD outfalls discharge to 75 waterbodies in the Phase I permit area. The list of these will be included as part of Section 3.
- d) Section 5 – **Steve** will review and text to ensure accuracy.
- e) Section 6 – To be addressed by permittees as listed in agenda item #3.

**2) Review and discussed draft monitoring proposal (hand out)**

Attendees discussed the proposed monitoring edits. The group generally agreed with proposed modifications. The group decided the subwatershed planning text should be edited to reflect no actual plans are proposed, but that subwatershed planning activities will be incorporated in stormwater management program implementation as needed. Ryan shared that current dry weather monitoring text is not helpful for permittees with few outfalls. The group agreed that proposing text for permittees with fewer outfalls was needed.

**Homework:**

- a) Monica – edit subwatershed planning text
- b) Ryan – Draft additional dry weather monitoring text

**3) Discuss issues from previous meeting.**

- Erica will draft introduction/summary language regarding request for permit flexibility – Erica will continue to update text as draft application evolves.