

Meeting Agenda

Date: **September 9th 2015**
Time: From 10:30 AM to Noon
Location: Utah State DEQ Multi Agency Office Building, Room 1015
Address: 195 North 1950 West, Salt Lake City, Utah

Mission Statement: The Utah Storm Water Advisory Committee will coordinate efforts to reduce storm water pollution and provide adequate flood control. The committee will jointly review governing regulations, disseminate information to enhance compliance with those regulated, promote effective storm water management training, and assist local municipalities and other interested parties to implement best management practices, consistent with their individual needs and resources. The committee will also review any proposed storm water regulations to assess potential impacts on the regulated community.

1. Welcome to the USWAC members and introductions:
2. USWAC membership roster:
 - a. The 2015 roster sheets are organized by county coalitions, DWQ representatives, consultants, contractors, and members of the public.

ACTION ITEMS

3. Review and approval of the minutes from the **August 12th 2015** meeting.
 - a. *Amendment to the minutes - George Burbidge made a motion to approve the minutes from the August 12th 2015 meeting and motion was seconded by Blane Frandsen and then approved unanimously.*

DISCUSSION ITEMS

4. USWAC Chairman nomination for the year 2017 term
 - a. Cache County – 2017 USWAC Chairman nominee
 - *Justin Maughan has been nominated by Cache County (New PW Director at Nibley City). George Burbidge made a motion for approving the nomination of Justin Maughan as the 2017 USWAC Chairman, the motion was seconded by Bill Young, the nomination of Justin Maughan as the 2017 USWAC Chairman was approved unanimously*
5. RSI Training Calendar for the year 2016
 - a. Submit information to the RSI Committee before the October 2015 Stormwater Conference.
 - *Submit dates to Paul Taylor for the coming year RSI Training Calendar.*

7. 2015 Stormwater Conference by Trace Robinson
 - a. Brief update by Trace Robinson at trobinson@rivertoncity.com
 - *Trace could not attend the meeting.*
 - *Some of the attendees commented that the registration for the conference is still open and booth registration is still open for vendors, etc. Speakers are set. Flyers were available to take after the meeting.*

REPORT ITEMS

8. State of Utah Updates:
 - a. DWQ Programs and EPA by Jeff Studenka: *Jeff was not able to attend the meeting.*
 - b. Municipal Program by Rhonda Thiele: *Rhonda was not able to attend the meeting.*
 - c. Industrial Program by Mike George:
 - *Mike mentioned the update to the non-classified sectors. There will be some changes to mines and cement manufacturing. He asked for input on those five sectors. The mines primarily affect central and southern Utah (Georg Burbidge). Sector J will be updated next year. Mike mentioned that any input on these sectors and updates is appreciated.*
 - d. Construction Program by Harry Campbell:
 - *Common Plan Permit will come out in a couple of weeks. A SWPPP has not been developed yet for the Common Plan, Harry asked for any ideas from the members to be sent to him. He developed an inspection form for the Common Plan that will be used with the new permit. This is for smaller projects (1 lot). The form will be made available on the website.*
 - e. Storm Water Program by Jeanne Riley:
 - *MS4 permit is going through comment period. The UDOT permit will go back to them this week for another review. Public notice for the small general permit will go out in about three weeks. The stormwater expo in early October – please send ideas for topics of discussion for certain areas of the permit for the expo. Annual reports are due October 1 and can be submitted online or by paper. Grant funded program with Francis Bernard – she is ready to start doing the outreach program with the municipalities. A trial was completed already with Bountiful City. Site visits could be setup to review the City's stormwater program to help the Cities. Francis hopes to make it to every MS4 – it is a one year program. Francis is not there for enforcement but to help the MS4s implement a program (consulting).*
 - f. Storm Water Program by Monique Rodriguez:
 - *Nothing to report at this time.*
 - g. Groundwater Protection by Candace Cade or Brianna Ariotti:
 - *Showed how to access the groundwater website through the DEQ site. Website has resources for UIC program and stormwater drainage wells. Asked for questions or comments to improve the website. Will add a link to this site on the stormwater page.*

10. USWAC Subcommittees Updates:

- a. Industrial: *Nestor asked for volunteers to help develop a better program for industrial companies.*
- b. Post Construction: *Recommend Post-construction plan template and checklist. Reviewed post-construction inspection form and put together their own list that will be given to Nestor and then emailed out to members for review. Harry will also review forms and then forms can be made available to everyone.*
- c. R.S.I. Program (see attached RSI Training Calendar): *RSI class September 10 in Utah County which is full, October 5th in Sandy – registration available online, November 18th in Cache County – registration available, end of October in St George. Asked for coalition to submit dates for classes for 2016 so that a schedule can be established. Would like to post schedule in USWAC website, also posted on APWA website. They want to have all dates set before APWA conference in October.*
- d. R.S.R. Program: *Would like to have training program next year for plan reviewers and designers.*
- e. Education and Training Program: *Paul Taylor mentioned that training is needed for SWPPP designers. Harry mentioned that Cities need to be up to speed with post-construction program requirements during the review process. Nestor mentioned that draft of new permit requires sites to retain about 1.4 inches of precipitation (2 year, 24 hour storm). Asked State to address this new requirement at APWA conference.*

11. APWA News and Updates by Trace Robinson: *Trace could not attend the meeting.*

12. Stormwater Coalitions News and Updates:

- a. Cache County: *Nominated new chair and working in annual reports.*
- b. Davis County: *Trying to find RSI instructors from the coalition.*
- c. Salt Lake County: *Preparing annual report, met with Francis Bernard at last meeting about inspections that she could help with. New TV commercial will be ready this fall. RSI training in September was postponed and may be rescheduled for November*
- d. Utah County: *Next coalition meeting in November, RSI training tomorrow.*
- e. Washington County: *Coalition meeting in December, RSI training at end of October*
- f. Weber County: *Setup a contractor training program, RSI training for December.*
- g. Utah Department Of Transportation: *Nothing to report.*

13. Other topics/ business:

PRESENTATION

14. Presentation:

- a. **“Designing Projects with Low Impact Development BMPs”** by Brian Shewell, P.E.; Brian will share his experience designing storm drainage systems with Low Impact Development BMPs.

Chris Price, PE, CFM from Lochner

What is LID? Examples of LIDs – swales, pervious pavement, green rooftops, rain gardens, Case Study in Charles City, IA – used permeable paving, bio-retention, intersection narrowings, cobble infiltration. Goal was to retain 2 year event.

U of U Research – how to apply LID techniques to Utah (“Cold Desert Hydrology”), need to know what plants will survive in Utah climate without need for irrigation. 16:1 drainage area to green area needed for their design. If bio-retention plants are planted between Oct and March no irrigation is needed. Need a good mixture of plants.

Project on 2300 East and I-80. Storm drain directed to LID areas around roundabout.

Kimball Junction Transit Center – underground infiltration basins and rain gardens.

Questions for Chris included what kind of maintenance is required, what happens with fuel spills, salting of roads, durability of pervious pavement, etc.

15. Public comments or questions: *No comments or questions from the public.*

16. Adjourn to advisement/ subcommittees and collaborative business: *George Burbidge made a motion to adjourn, the motion was seconded by Blane Frandsen and then approved unanimously.*

17. Next meeting: Wednesday **November 11th 2015** at 10:30 AM.

Note: *Copies of the USWAC meeting agendas, minutes, presentations, forms and RSI information are available at the following link: www.uswac.org*

Registration to attend the RSI Training Classes are available online only. This is the link:
<http://utah.apwa.net/AllEventList>

Check www.utah.apwa.net for updates and additional classes.
RSI Calendar updated September 15, 2015

RSI 2015 Training Calendar

Coalition	Max. Capacity	Date	Location	Instructor
Weber County	35	1/9/2015	2380 Washington Blvd., Ogden	Blane Frandsen Steve Harris
Utah County	50	2/26/2015	Utah County Health Building, 151 South University Avenue, Provo	Ryan Taylor
Davis County	100	3/18/2015	10 East Center St., North Salt Lake	Jason Monroe
Cache County	50	4/23/2015	450 North 1000 West, Logan	Bill Young Tom Dickinson
Washington County	25	4/29-30/2015	AGC of Utah, 230 North 1680 East, St. George	Ken Bricker
Salt Lake County	55	5/19/2015	12526 South 4150 West, Riverton	Trace Robinson Dan Woodbury
Utah County	50	6/3/2015	Utah County Health Building, 151 South University Avenue, Provo	Ryan Taylor
Washington County	25	6/29-30/2015	AGC of Utah, 230 North 1680 East, St. George	Ken Bricker
Utah County	50	9/10/2015	Utah County Health Building, 151 South University Avenue, Provo	Ryan Taylor
Sandy City	70	10/5/2015	10000 Centennial Parkway, Sandy	Trace Robinson Dan Woodbury
Washington County	25	10/29-30/2015	AGC of Utah, 230 North 1680 East, St. George	Ken Bricker
Cache County	50	11/18/2015	450 North 1000 West, Logan	Bill Young Tom Dickinson