

February Minutes

Date: **February 13, 2019**
Time: 10:30 AM to 11:30 AM
Location: Utah State DEQ Multi Agency Office Building, Room 1015
Address: 195 N 1950 W, 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 sign in.

ACTION ITEMS

3. Review and approval of the minutes from the **February 13, 2018** meeting.
4. Attendance Introductions;
5. Voting Members Discussion;
6. Review LID Training Items and Commonly Asked Questions - Lisa Stevens
 - a. Questions asked in the training
 - i. Power point slides be available?
 1. Training Q&A is posted in LID DWQ Website
 2. Update log is planned for LID manual
 3. Comment: Some cities have high water and standard practice for land drains
 - ii. Recharge Credits for groundwater recharge?
 1. No credit program offered from DWQ.
 2. Has there been a request to the state engineering office: No.
 - iii. How is infeasibility determined?
 1. MS4 will determine what is infeasible.
 2. The state is looking for sound judgement in making a determination.
 - a. Advice, document why it is infeasible. During an audit this would be a good justification and review. Looking for the reasons why, as a case by case basis, not a large removal.

- b. A source protection zone, high ground water, and additional documentation would be sources as to why a particular development would not be feasible.
 - iv. Are there exact parameters for ground water depth?
 - 1. Determined by the MS4.
- b. How is water quality incorporated into retention requirements?
 - i. Reduce Pollutants
 - ii. Recharge Groundwater
 - iii. Treat water via infiltration
 - iv. Reduce erosion
 - v. Mimic predevelopment conditions
- c. Can MS4s create a map?
 - i. Yes, but should be used as a way to review the site not a large determination.
- d. A site can only contain part of the 90th percentile storm.
 - i. If only a part can be continued, then it must be that same part.
- e. Contamination to groundwater from LID implementation.
 - i. No requirements for pre-treatment at this time.
- f. LID work with land drains?
 - i. If a land drain is necessary, then it would be infeasible due to high groundwater table.
 - ii. The consideration would need to include if the site actually has high ground water.
 - iii. Land drains do not preclude LID, but it would need to be based on a case by case basis. Document the site.
- g. Grant money available for LID retrofits
- h. Storm water harvesting
 - i. Maximum capacity is 2,500 gallons. Can collect in two containers which don't exceed 100 gallons each.
- i. Large projects (like a large subdivision), is project retention required at the source/lot level or is the project level acceptable.
 - i. DWQ would like the storm water retained as close to the source as possible.
- j. Regional retention controls.
 - i. Yes, if onsite is infeasible.
- k. GAP analysis
 - i. Tool provided in the LID manual. Review the code and check setbacks, vegetation requirements, etc.
- l. Guidance from the state to:
 - i. Measure infiltration rates
 - ii. Allowable distance between septic systems and LID systems
 - iii. Affordable methods to establish historic groundwater table.
 - iv. How should capacity reductions be accounted for.
 - v. Link for other common concerns: (link) -
- m. Review MS4 Permit Requirements for SWPPP Review - Ryan Curtin
 - i. Reviewed an example check list.
 - 1. Included contact information and project description
 - 2. Site map questions.

3. Request distribution of Ryan's presentation
4. Control measures, documentation and record keeping.
5. Items should be reviewed by the City and Accepted or Rejected based on the review. You can ask to have a BMP shown how it will work.
6. The recommendation would make sure that all products work.
 - a. Gravel bag is required for all inlets was a requirement for a municipality.
7. City owned projects should go through the same process.
8. UDOT owned projects will be inspected by UDOT.
9. Letter from the State Attorney General from Paul, will need to comply with all requirements of the local jurisdiction.
 - a.

REPORT ITEMS

7. State of Utah Updates:
8. Jeanne
 - a. Meeting with DFCM –
 - i. All state projects greater than an acre or part of a common plan of development, must have a SWPPP and be reviewed by the City.
 - ii. DFCM states they rely on the contractors to get the permits. Review state projects that would need to pull a permit. If there are problems, then contact Jeanne for assistance.
 - b. MS4 permit requirements that contractors must submit an NOT. There must be a process for the contractor to follow when the project will be complete.
 - i. Database pre 2017 has been moved from unconfirmed termination status should be updated in the system.
 - ii. Any questions, contact the City and ensure the permits have been closed.
 - c. Harry Campbell will be moving to a new position. Lisa Stevens will take over for Harry for the near future.
9. Tricia
 - a. Small MS4 permit is out for public comment.
 - b. March 1, 2020 LID implementation date.
10. Industrial program

11. Utah Lake Watershed request for watershed data. If you have location of outfall data, please submit to the State. They are looking to install long-term sensors for review of water entering Utah Lake.
12. Construction General Permit Update – will be coming for review, soon. People are noting their permit will only go till June 30. There will be some overlap as to how the permits will change from one permit to the other.
13. NOI holder will be required to renew, details for process will be coming
14. USWAC Subcommittees Updates:
 - a. Industrial:
 - a. Asking for a standard template to review the inspection process. This will help the phase 2's better perform their requirements. If an area is identified as a high priority, then it will need to be reviewed.
 - b. Written systematic area in the permit to review areas which need to be inspected. Report to the state IF an area would need coverage under the industrial permit. If someone is
 - c. Discussion on drive by inspections. No drive by inspections required for phase 2 MS4's
 - b. Long Term Storm Water Management: No Report
 - c. R.S.I. Program:
 - a. Paul will be looking to leave the RSI subcommittee, looking to see if there is anyone who would like to take over the program.
 - b. Look to combine RSI and RSW for the purpose of updating the curriculum to coincide with the construction permit updates.
 - c. Looking for construction sites for virtual Inspections, call Paul Taylor or Ryan Taylor
 - d. R.S.W/R.S.R. Program:
 - a. Working to setup a 2 day class. Looking to get more members for the certification. Looking to schedule with LTAP for review of the class. Looking in the May timeframe. Is there are less than 10 people, then the class will probably be cancelled.
 - b. R.S.R/R.S.W. have same needs for RSI for Development,
 - e. MS4 Unification Review Committee:
 - a. Looking to add some implementation items from the LID manual and other questions.
15. APWA News and Updates:

- a. Conference Committee – looking for the call the presentations. Has been posted, looking to be due end of march beginning of April.
 - b. Angela Ritchie is no longer with APWA
 - c. Budget is looking to bring in other speakers from out of State.
 - d. Held the first Tuesday and Wednesday in October. RSI and RSW classes will be taught (September 30, October 1).
16. Stormwater Coalitions News and Updates:
 17. Other topics/ business:
 18. Public comments or questions:
 19. Adjourn to advisement/ subcommittees and collaborative business:
 20. Next meeting: Wednesday **March 13, 2019** at 10:30 AM.
 21. **Note:** Copies of the USWAC meeting agendas, minutes and presentations, are available at the following link: www.uswac.org

RSI and RSW/RSR class schedules are available at: <https://www.utahltap.org/swppp/>