Storm Water Coalition Minutes MAY 22, 2014

Utah County Public Works Conference Room 2855 South State Street, Provo Utah 84606

Welcome and Roll

Storm Water Instructor update

www.google.com.

Click on apps on the top right

Click on calendar

Log in by Username: <u>utahstormwater@gmail.com</u>.

Password: Pollution

Presentation by Storm Water School Instructor Jenny Devlin

A total of 91 schools out of the 94 schools have been seen. There are a couple of schools that still refuse to have her bring the presentation.

Jenny presented to the Coalition the demonstration she gives at the schools. She demonstrated a model that helps mimic our sewer system. She explained that she will pick out a few students to help her during the demonstration. She uses a story about Billy Bob and Joe who need to learn how to change their water wasting ways to help keep our water cycle clear of pollutants. She calls pollutants 'Villains' that attack the good raindrops. She helps the students to understand that all the rain drops need to make it to the lakes, rivers and streams as clean water. She teaches them that trash, pet waste, yard waste, dirt, toxic chemicals, pesticides, soap, paint, and oil are the villains that cause our water to become too toxic to drink. She teaches how important it is that we keep our water cycle clear of these toxic villains by recycling and not just throw things into the garbage. She shows the dirty glass of water to the kids and asks them if they would really want to drink the water in the glass. She calls the dirty water 'Pollution Punch'. She teaches them that it cost money to clean up the water for it to be drinkable. At the end of the presentation, she hands out pencils, rain drops, and booklets.

She said that if a City or the Public Works Department are receiving thank you letters from a school regarding the Storm Water presentation it probably is because they liked the program and the fair items they were given at the end of the presentation, She does believe the children are getting the point and feels that the message of recycling and keeping our storm drains clean is reaching them. She has been able to get into all the schools except three so far this year.

Storm Water Coalition Training

Fair give away educational items such as the beach balls, carabineers, flash lights, pencils, droplets, magnets, stickers, and frisbees have been depleted. The Coalition agreed to have a new order placed to replenish the items.

Interlocal agreement

There are two cities that have not yet sent their signed copies of the Interlocal Agreement to Glen Tanner. Once they have submitted their agreements, the Interlocal Agreement will be complete and sent out to the Coalition members.

There are Schools that have been added to the Coalition Interlocal Agreement. These schools did create a change of cost for the Coalition members. The changes have been added as an appendix to the agreement. If you have questions, contact Glen Tanner.

Sub-committees Updates – Nothing to Correlate.

- A. <u>Inspection Committee</u> Ryan Johnson(Orem City), Juan Garrido (Springville City), Don Overson (Vineyard City), Mark Atwood (Pleasant Grove City), Scott Allen (Provo City), Jeff Maag (Cedar Hills City)
- B. <u>Education committee</u> Steve Johnson (Orem City), Glen Tanner(Utah County Public Works), Paul Miller(Lindon City)

- C. <u>Discharge Committee</u> Nestor Gallo (American Fork City), Stan Orme (Orem City), Rustin Porter (Springville City), Don Reynolds (ACCENA Group)
- D. <u>Post Construction Committee -</u> Trapper Burdick (Spanish Fork City), Rick Sabey (Orem City), Curtis Chatwin (Lehi City), Juan Garrido (Springville City)

State Storm Water program updates

Nestor Gallo gave highlights from the State Storm Water meeting. Bountiful City will be audited next month. This Coalition has been a great asset for helping Utah County Cities in Utah to meet the needs regarding State Storm Water requirements. Some of the Coalitions are in need of making improvements. The State has taken notice of how this Coalition is working together and is standing out with its MS4 program, workshops and training.

A presentation was given by Andrea Armstrong a USU student, who sent out a survey to the cities in the State of Utah to see if they were meeting the requirements for the MS4 program. The survey was sent out to 72 Cities and only 67 cities responded. The biggest struggles cities have been having in their areas are the low income plan of development and MS4 compliance. They know that things need to be done, they just do not understand how to do it.

Salt Lake City got their phase one and MS4 audit permit.

For more details regarding the State Meeting see the attached pages USWAC or go to www.swac.uthah.gov

Presentation from Nestor Gallo from American Fork City

Pollution Prevention and Good Housekeeping for Municipal Operations
See the hard copies of the power point handed out at the meeting for more details. Nestor offered his assistance to do a mock audit of their City. This will help them to be prepared for an actual audit. He recommended that when a letter received from the State regarding an audit, the city should respond to that letter. They should outline the efficiencies as well as the deficiencies that they are working on at that time. The responding letter can enlighten City Council members of areas that need to be corrected. It also helps them to understand the importance of being in compliance prior to being audited by the State.

Other Business

Nothing to Correlate.

The next scheduled meeting will be Thursday, July 31, 2014 at 10:00 A.M. It will be held at the Utah County Public Works Building located at 2855 South State Street, Provo, Utah. Meeting Adjourned

Storm Water Coalition Agenda Thursday, May 22, 2014

- 1. Welcome and Roll
- 2. Instructor update
 - A. Instructions for viewing scheduling calendar for presentations Go to www.google.com

Click on apps on the top right

Click on calendar

Log in information: Username is <u>utahstormwater@gmail.com</u>

Password is Pollution

- B. School list review completed 89 of the 94 schools on the list Scheduled to see all but 2 before the end of the school year.
- 3. School Presentation by Jenny Devlin
- 4. Presentation from Nestor Gallo from American Fork City
- 5. Schedule next meeting (Thursday, July 31, 2014 at 10 a.m. at the Public Works Building)

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Pollution Prevention and Good Housekeeping for Municipal Operations American Fork Storm Water Advisory Committee May 22 2014

Topics	
Six Minimum Control Measures	
 Municipal Operations and Good Housekeeping 	мсм
City Owned Facilities inventory	
Salt and Material Storage Facility	
City Owned Maintenance Program	
Standard Operating Procedures (SOPs)	
 Inspections 	il il
Weekly	
 Quarterly 	
Annual Presenter	Or Florita

Minimum Control Measures Public Education and Outreach Section 4.2.1 Public Involvement/ Participation Section 4.2.2 Illicit Discharge Detection and Elimination Section 4.2.3

Minimum Control Measures Construction Site Storm Water Runoff Control Section 4.2.4 Long Term Water Management in New Development and Redevelopment Section 4.2.5 Pollution Prevention and Good Housekeeping for

Municipal Operations

Municipal Operations All Permitees shall develop and implement an Operations and Maintenance program for Permittee Owned Facilities Operations and structural water controls that includes Standard Operating Procedures (SOPs) (*)

Municipal Operations Permitees shall develop and keep current a written inventory of Permittee-owned or operated facilities and storm water control that may include the following: """... and records of days and time of operations

Municipal Operations Public Works Adm. O & M Complex Material Storage yard Police Department Fire Station City Hall City Administration Library Senior Citizen Center Boat Harbor Fitness Center Fitness Center Cemetery

Municipal Operations • ... identify as "High Priority" those facilities or operations that have a high potential to generate storm water pollutants. High priority ranking based on the following: • Pollutants stored at the site • Activities performed outside • Proximity to water bodies • Poor housekeeping practices • Discharge of pollutants to impaired water (s)

Μι	unicipal Operations
	. their potential to discharge storm water to ne following typical urban pollutants:
•	Sediment
	Nutrient
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	Hydrocarbons
	Pesticides
	Chlorides
	Trash
	Present Media

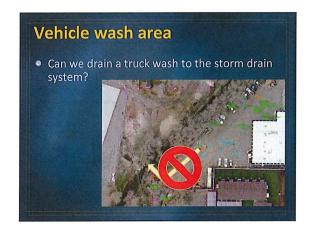
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Municipal Operations Each "High Priority" facility must develop facility – specific standard operating procedures (SOPs) or similar type of documents. The SOPs should include: BMPs Low Impact Development (LID) for new sites (*) This requirement came up as a deficiency during the American Fork City audit

Standard Operating Prod	cedures
 Buildings and facilities SOP shall ac 	ddress:
 Use, storage and disposal of chemica Staff training to those responsible fo these products Spill Prevention and Countermeasure 	r handling
Waste ManagementCleaningWashingPainting	Presenter/Yes/A

Standard Operating Procedures Buildings and facilities SOP shall address: Schedules for: Sweeping parking lots Keeping areas of the parking lot clean Create an inventory of all floor drains Verify that floor drains discharge to the sanitary sewer Develop a map of all the storm drains Catch basins Oil/water separator Outfalls Manholes Cleanouts





Vehicle wash area

- Location: O & M Public Works Complex
- Issue: "Truck wash drains directly to the storm drain system"
- Is this a violation to the MS4 Permit?
- Answer: YES
 - What do we do? Disconnect the drain to the Storm Drain and drain into the Sanitary Sewer
 - How much is going to cost? \$25,000.00
 - What are the potential consequences? Can't use the truck wash until connect to the sewer system.

Vehicle wash drainage

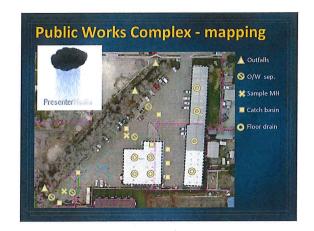


Mapping and water sampling

 Document and evaluate the efficiencies of the BMPs by comparing water samples

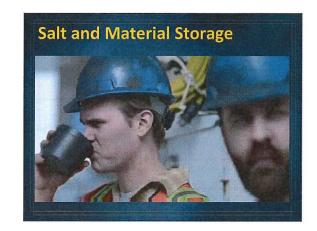


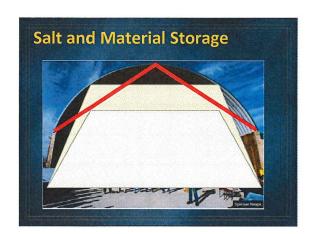


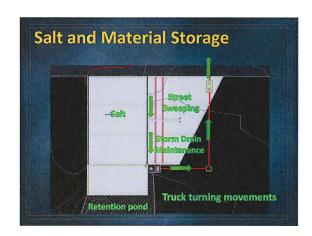


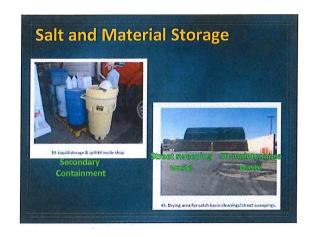


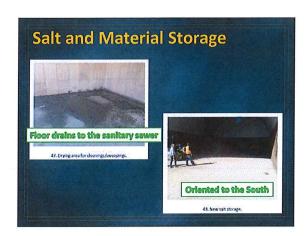












Sta	andard Operating Procedure
• P	arks and open space SOP shall include:
0 0	Application, storage and disposal of: Fertilizer Pesticides Sediment and erosion control Evaluation of lawn maintenance Evaluation of landscaping activities Proper disposal of lawn clipping and vegetation Use of drought tolerant plants

Standard Operating Procedure

- Parks and open space SOP shall include:
 - Management of trash containers
 - Scheduled cleaning
 - Establishing a sufficient number of containers
 - Signage for proper disposal of pet waste
 - Proper maintenance and cleaning of equipment
 - Proper disposal of associated waste/ wastewater
 - Implement good housekeeping to all parks

Standard Operating Procedures

- Vehicle and Equipment SOP shall include:
 - BMP: drip pans under leaky vehicles
 - BMP: absorbent materials under leaky vehicles
 - Store vehicles indoor where feasible
 - Fueling areas under cover (if possible)
 - Vehicle wash water does not drain into the MS4
 - Vehicle wash water does not drain to surface waters

Standard Operating Procedure

- Roads, highways, and parking lots SOP:
 - Schedule and records of street sweeping
 - Schedule and records of parking lot sweeping
 - Road and parking lot maintenance
 - Pothole repairs
 - Pavement Marking
 - Sealing and repaving
 - Cold weather operations
 - Plowing
 - Sanding
 - Application of deicing compounds



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Standard Operating Procedures	
Roads, highways, and parking lots SOP:	
Right Of Way maintenance	
Mowing Herbicide and pesticide application	
 Municipally – sponsored events Festivals 	
Parades Street fairs	
No discharges to the storm drain system	
No dischalges to the storm drain system	
Standard One water Broadlance	
Standard Operating Procedures	
Storm water collection SOP shall include:	
Regular inspections	
Cleaning	
RepairsCatch basins	
Storm water conveyance pipesDitches	
Irrigation ditchesCulverts	
Standard Operating Procedures	
Storm water collection SOP shall include:	
 Prioritize storm sewer maintenance 	
Highest priority – more frequency	
Driven by water quality concernsConditions of the receiving water	
 Amount and type of material accumulated in an area Inspect at least once a year 	
Swales	
Retention / detention ponds	

Standard Operating Procedures

- Storm water collection SOP shall develop, ensure and document the following:
 - Proper disposal methods of all waste removed:
 - Street sweeping
 - Catch basin cleaning
 - Material removed disposed at a landfill
 - Liquids drain to the local sanitary sewer (*)
 - (*) with the approval of local authorities

Inspections

- An O & M program shall include:
 - Weekly visual inspections
 - "High Priority" facilities
 - Evidence of spills
 - Immediate cleanups
 - Document inspection using a log sheet
 - Inspection should include Corrective Actions

Inspections

- High Priority Facilities
- Public Works Adm.
- O & M Complex
- Salt and Material Storage
- Senior Citizen Center
- Boat Harbor

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Inspections An O & M program shall include: Quarterly comprehensive inspections "High Priority" facilities Storm water drains Waste storage areas Dumpsters Vehicle and equipment maintenance Fueling areas Material storage Document inspections and Corrective Actions

Inspections An O & M program shall include: Quarterly visual observation of storm water discharges: "High Priority" facilities Storm water drains Waste storage areas Dumpsters Vehicle and equipment maintenance Fueling areas Material storage Document inspections and Corrective Actions

The Permittee must develop and implement: A process to evaluate the efficiency of the BMP Revise the 2010-15 SWMP as needed City owned construction projects shall also comply with the requirements applied to Private Projects Provide training to all the employees involved with O & M

Check List

- The UPDES Phase II requirements from the latest permit requires that local agencies comply with the following:
 - 1. Develop and Implement an O & M Program
 - 2. Develop Standard Operating Procedures
 - 3. Create an inventory of city owned facilities
 - 4. Evaluate potential pollutants from each facility
 - 5. Implement BMPs to reduce pollution
 - 6. Weekly inspections for "High Priority" facilities
 - 7. Quarterly comprehensive inspections

Check List

- The UPDES Phase II requirements from the latest permit requires that local agencies comply with the following:
 - 8. Map the location of city owned facilities
 - 9. Map drainage system and discharge points
 - 10. Cover to the salt and material storage area
 - 11. Adopt Standard Operating Procedures
 - 12. Conduct dry weather water sampling
 - 13. Train staff about SOPs and Spill Prevention
 - 14. Evaluate the BMP efficiency every year

Conclusions

- The UPDES Phase II requirements from the latest permit dated July 2010, left many agencies wondering:
 - What to do?
 - Who to hire?
 - How to pay for it?
 - How to implement the new guidelines?
 - How to enforce the new guidelines ... on ourselves?

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Municipal Operations	
Thank you for attending this	meeting.
QUESTIONS?	Q is
What is next?	PresenterMedia
1. Schedule the next meeting	
2. Next meeting topic:	
"Long Term Water Managemen	t in New
Development and Redevelopme	





Meeting Agenda May 14, 2014; 10:30 am to Noon Multi Agency Office Building, Room 1015 195 North 1950 West SLC, Utah

<u>Mission Statement:</u> 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 of the regulated community.

- 1. Welcome and Introductions
- 2. Minutes from the April 2014 meeting
 - The minutes from April 2014 were approved
- 3. Membership roster
 - A roster sheet was passed around for signatures and for any emails addresses that may need to be added by the new attendees
- 4. Presentation Andrea Armstrong with Utah State & Steve Burgon on Stormwater Survey
 - Andrea Armstrong and Steve Burgon presented the results of a survey done.
 - The survey was intended to gather information from current MS4s and create a baseline for the status of the MS4s and available resources.
 - The survey was also intended to gather information from two different groups: 1. MS4s and 2. About 142 individuals
 - MS4s were 72 cities and counties and the survey was sent to approximately 67 of them responded.
 - The survey was also sent to 400 contractors and approximately 53 of them participated.
 - The results of the survey are shown on the attached Powerpoint presentation slides.
 - Important points from the survey include:
 - A large number of cities are using LIDs
 - Compliance with the MS4 Permit is a combination of compliance with State and Federal laws and regulations and a desire to improve water quality
 - Contact information: Armstrong.usu@gmail.com

6. State of Utah Updates

Municipal Program — Rhonda Thiele: Rhonda reports that a review of a previously audited MS4 program and a new agency will be audited next month. Salt Lake City is renewing their MS4 permit and there is Public Notice

Industrial Program – Mike George: Mike is working on a No Exposure Certification verification.

Construction Program — Harry Campbell: Harry Campbell is being audited by EPA by conducting inspection in Moab. The CGP is due today and there were a few public comments. Very likely the new CGP will be issued next month

Program and EPA updates – Jeff Studenka: there is an update on the nutrients level and the minimum guidelines for pollution levels. The inspection of the level of phosphorus is going to be implemented and Wastewater treatment plans are going to be audited by State Inspectors. There are some information on the DWQ website about important public notices related to water quality.

7. Sub-Committee Updates

Industrial – Lee Ware, Jason Minchey: No members of the Industrial Subcommitee were present Post Construction – Don Reynolds, Steve Burgon: Steve is organizing a training class about wetlands regulations.

RSI – Paul Taylor reported that the committee had a meeting before the USWAC meeting. The new CGP is going to trigger the need to rewrite the entire training class, exams and ways to train potential inspectors. One of the sections of the training class includes a template for inspections and SWPPP reviews that may need to be updated after the CGP is adopted. The Committee is planning to meet with Harry Campbell to coordinate the updating of the exams, inspections templates, etc. Those who were certified under the old CGP may need to show proof of continuing education to meet the requirements of the new CGP. Currently, to be recertified as an RSI, only 8 hours of continuing educations are required. The new recertification may need additional education hours and specific classes. Dean complemented the Committee for their work and efforts and recognized that this is not an easy tasks.

RSR – Trace reported that the RSR program follows the same path of the RSI program.

Common Plan of Development - The Committee is waiting for the adoption of the CGP

8. APWA Items -Trace Robinson: Most of the concerns about the new CGP will be covered during the APWA Conference scheduled for October 2014. The theme for this year's Conference is going to be Long Term Pollution Prevention Management. Attending some of these classes will meet the requirements for the recertification of the RSI under the new CGP. If there are any topics that some of the members of the USWAC may be interested, they will need to contact Trace and let him know.

The APWA Luncheon is scheduled for May 22^{nd} 2014 and there is a small fee attached.

9. County and Other Coalitions Updates

<u>Weber:</u> Dean reported that the Water Fair went very well. The Weber County Coalition is planning to have their own website and post minutes from meetings, agendas, and information related to their MS4 programs.

<u>Davis:</u> Blade Jensen reported that they continue having their monthly meetings. They recently had a Water Fair which went really well. The Coalition is working with the Davis County Health Department about adopting ordinances, policies and procedures for spills investigations and eliminations.

<u>Salt Lake</u>: There is Water Fair going on today. Salt Lake County is also working with the Salt Lake County Health Department to regulate spills and investigate and eliminate illicit discharges. The new commercial for stormwater pollution prevention is going to air in the next upcoming months. The Coalition is in the process of hiring a new production company for a new commercial

<u>Utah:</u> Nestor reported that the coalition continue with their bimonthly meetings. The workshop for this month is scheduled for May 22nd 2014 at the Utah County Public Works Department. The topic of this month's training class is Municipal Operations and Good Housekeeping. Everybody was invited to attend. The coalition is also looking into coordinating the investigation and enforcement actions for illicit discharges and spills. The Davis County and Salt Lake County coalitions were complemented for taking the lead on this issue.

<u>Cache:</u> Cache County had their Water Fair last month with a large attendance. They continue having their monthly coordination classes. There was a question about how many agencies are planning to update the cost for the Land Disturbance Permit.

Washington: Dean contacted the representatives for Washington County and they reported Others: No additional comments

10. USWACBudget

- Steve went over the proposed budget for the current year. A balance on the USWAC is approximately \$20,000.00 but does not include paying the consulting fees for the RSI training which adds to \$6,000.00. See attached sheet for a more detailed list of a balance and expenses. There were some comments about the budget sheet. The budget will be revised and resend to the members for their review and comments.
- 11. Other topics/business: (a) June training on wetland identification and permitting. (c) August training on low impact development.
 - Dean commented about the future meetings and training opportunities. He also invited the members to submit comments and suggestions for any good and efficient BMPs observed on the field, Low Impact Development implementations, etc.
 - Dean mentioned a grant from \$355,000.00 EPA grant for water quality improvement projects. A letter of interest needs to be submitted before June 12 2014.
- 12. Adjourn to advisement/subcommittees and collaborative business
- 13. Next Meeting; June 11, 2014, Location: Room 1015 Downstairs

Trace Robinson-APWA Rep Dean Ayala-Chair 2014 Nestor Gallo-Chair Elect 2015 Steve Burgon-Past Chair 2013