

# Utah Pollutant Discharge Elimination System Storm Water Program

## Small MS4 Report Form

The purpose of this report is to contribute information to an evaluation of the UPDES small municipal separate storm sewer system (MS4) permit program. Consistent with 40 CFR §122.37 the Utah Department of Environmental Quality is assessing the status of the storm water program. A “no” answer to a question does not necessarily mean noncompliance with your permit or with the federal regulations. In order to establish the range of variability in the program it is necessary to ask questions along a fairly broad performance continuum.

### 1. MS4 Information

Summit County (Unincorporated Area)

Name of MS4

Kelsey Christiansen Stormwater Manager

Name of Contact Person (First) (Last) (Title)

(435) 336-3292 kchristiansen@summitcounty.org

Telephone (including area code)

Email

60 North Main, PO Box 128

Mailing Address

Coalville UT 84017

City State ZIP code

What size population does your MS4 serve? 29,614

UPDES number UTR090074

What is the reporting period for this report? (mm/dd/yyyy)

From 07/01/2018 to 06/30/2019

### 2. Water Quality Priorities

A. Does your MS4 discharge to waters listed as impaired on a state 303(d) list?  Yes  No

B. If yes, identify each impaired water, the impairment, whether a TMDL has been approved by EPA for each, and whether the TMDL assigns a wasteload allocation to your MS4. Use a new line for each impairment, and attach additional pages as necessary.

Impaired Water	Impairment	Approved TMDL		TMDL assigns WLA to MS4	
<u>Echo Creek</u>	<u>Sediment</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<u>Silver Creek</u>	<u>Cadmium, Zinc</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<u>Echo Creek</u>	<u>Sediment</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<u>Echo Reservoir</u>	<u>Dissolved Oxygen, Phosphorus</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<u>Rockport Reservoir</u>	<u>Nitrogen, Phosphorus</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<u>Huff Creek</u>	<u>Sediment, Phosphorus</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<u>Chalk Creek/South Fork CC</u>	<u>Sediment, Phosphorus</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<u></u>	<u></u>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No

C. What specific sources contributing to the impairment(s) are you targeting in your storm water program?

TSS, TDS, Nitrogen, Phosphorus, E.Coli

D. Do you discharge to any high-quality waters (e.g., Tier 2, Tier 3, outstanding natural resource waters, or other state or federal designation)?  Yes  No

E. Are you implementing additional specific provisions to ensure their continued integrity?  Yes  No

### 3. Public Education and Public Participation

- A. Is your public education program targeting specific pollutants and sources of those pollutants?  Yes  No
- B. If yes, what are the specific sources and/or pollutants addressed by your public education program?  
Nitrogen/Phosphorus, construction pollutants, HHW, pet waste, trash, yard waste
- C. Note specific successful outcome(s) (e.g., quantified reduction in fertilizer use; NOT tasks, events, publications) fully or partially attributable to your public education program during this reporting period.  
increased use of the stormwater hotline increased the awareness of Illicit Discharges followed by enforcement
- D. Do you have an advisory committee or other body comprised of the public and other stakeholders that provides regular input on your storm water program?  Yes  No
- E. Do you belong to a storm water coalition or other advisory committee? If yes, describe:  Yes  No  
USWAC, attend SL County Stormwater Coalition (budget committee to approve funding to join)

### 4. Construction

- A. Do you have an ordinance or other regulatory mechanism stipulating:
- |  |   |                             |
|--|---|-----------------------------|
| Erosion and sediment control requirements?           | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Other construction waste control requirements?       | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Requirement to submit construction plans for review? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| MS4 enforcement authority?                           | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
- B. Do you have written procedures for:
- |                               |   |                             |
|-------------------------------|---|-----------------------------|
| Reviewing construction plans? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Performing inspections?       | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Responding to violations?     | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
- C. What is the threshold for construction storm water plan review (e.g., all projects, projects disturbing greater than one acre, etc.)? All Projects
- D. Identify the number of active construction sites  $\geq 1$  acre in operation in your jurisdiction at any time during the reporting period. 42
- E. How many of the sites identified in 4.D did you inspect during this reporting period? 42
- F. Identify the number of active construction sites  $< 1$  acre in operation in your jurisdiction at any time during the reporting period. 356
- G. How many of the sites identified in 4.F did you inspect during this reporting period? 356
- H. Describe, on average, the frequency with which your program conducts construction site inspections.  
Bi-Weekly for High Priority, Monthly for all others
- I. Do you prioritize certain construction sites for more frequent inspections?  Yes  No  
 If Yes, based on what criteria? proximity to waterbody, non-compliance, size/slope
- J. Identify which of the following types of enforcement actions you used during the reporting period for construction activities, indicate the number of actions, or note those for which you do not have authority:
- |   |                       |            |                                       |
|---|-----------------------|------------|---------------------------------------|
| <input checked="" type="checkbox"/> Yes | Notice of violation   | # <u>6</u> | No Authority <input type="checkbox"/> |
| <input checked="" type="checkbox"/> Yes | Administrative fines  | # <u>1</u> | No Authority <input type="checkbox"/> |
| <input type="checkbox"/> Yes            | Stop Work Orders      | # _____    | No Authority <input type="checkbox"/> |
| <input type="checkbox"/> Yes            | Civil penalties       | # _____    | No Authority <input type="checkbox"/> |
| <input type="checkbox"/> Yes            | Criminal actions      | # _____    | No Authority <input type="checkbox"/> |
| <input type="checkbox"/> Yes            | Administrative orders | # _____    | No Authority <input type="checkbox"/> |
| <input type="checkbox"/> Yes            | Other _____           | # _____    |                                       |

- K. Do you use an electronic tool (e.g., GIS, data base, spreadsheet) to track the locations, inspection results, and enforcement actions of active construction sites in your jurisdiction?  Yes  No
- L. What are the 3 most common types of violations documented during this reporting period?  
SWPPP documentation/inspections, BMP maintenance, track out
- M. How often do municipal employees receive training on the construction program? Annually

**5. Illicit Discharge Elimination**

- A. Have you completed a map of all outfalls and receiving waters of your storm sewer system?  Yes  No
- B. Have you completed a map of all storm drain pipes and other conveyances in the storm sewer system?  Yes  No
- C. Identify the number of outfalls in your storm sewer system. ~140
- D. Identify the number of Class V injection wells in your jurisdiction. 1
- E. Do you have documented procedures, including frequency, for screening outfalls?  Yes  No
- F. Of the outfalls identified in 5.C, how many were screened for dry weather discharges during this reporting period?  
0
- G. Of the outfalls identified in 5.C, how many have been screened for dry weather discharges at any time since you obtained MS4 permit coverage? 140
- H. What is your frequency for screening outfalls for illicit discharges? Describe any variation based on size/type.  
currently as needed/identified, updated SOP's to once a permit term (5 years) starting ASAP
- I. Do you have an ordinance or other regulatory mechanism that effectively prohibits illicit discharges?  Yes  No
- J. Do you have documented procedures for tracing and removing an illegal discharge?  Yes  No
- K. Do you have an ordinance or other regulatory mechanism that provides authority for you to take enforcement action and/or recover costs for addressing illicit discharges?  Yes  No
- L. During this reporting period, how many illicit discharges/illegal connections have you discovered? 0
- M. Of those illicit discharges/illegal connections that have been discovered or reported, how many have been eliminated?  
NA
- N. Identify which of the following types of enforcement actions you used during the reporting period for illicit discharges, indicate the number of actions, or note those for which you do not have authority:
 

<input type="checkbox"/> Yes	Notice of violation	# _____	No Authority <input type="checkbox"/>
<input type="checkbox"/> Yes	Administrative fines	# _____	No Authority <input type="checkbox"/>
<input type="checkbox"/> Yes	Stop Work Orders	# _____	No Authority <input type="checkbox"/>
<input type="checkbox"/> Yes	Civil penalties	# _____	No Authority <input type="checkbox"/>
<input type="checkbox"/> Yes	Criminal actions	# _____	No Authority <input type="checkbox"/>
<input type="checkbox"/> Yes	Administrative orders	# _____	No Authority <input type="checkbox"/>
<input type="checkbox"/> Yes	Other _____	# _____	
- O. How often do municipal employees receive training on the illicit discharge program? Annually

### 6. Storm Water Management for Municipal Operations

- A. Have storm water pollution prevention plans (or an equivalent plan) been developed for:
- |  |   |  |
|--|---|--|
| All public parks, ball fields, other recreational facilities and other open spaces | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| All municipal construction activities, including those disturbing less than 1 acre | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |
| All municipal turf grass/landscape management activities                           | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| All municipal vehicle fueling, operation and maintenance activities                | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| All municipal maintenance yards  | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| All municipal waste handling and disposal areas                                    | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
- Other developing SWPPPs for SC High Priority sites
- B. Are storm water inspections conducted at these facilities?  Yes  No
- C. If Yes, at what frequency are inspections conducted? will be as required by SWPPP's
- D. List activities for which operating procedures or management practices specific to storm water management have been developed (e.g., road repairs, catch basin cleaning).  
see Standard Operating Procedures\_SW 2019 for complete list
- E. Do you prioritize certain municipal activities and/or facilities for more frequent inspection?  Yes  No
- F. If Yes, which activities and/or facilities receive most frequent inspections? 3 Mile Landfill
- G. How are you disposing of catch basin decant water and solid material?  
decant water taken to pit, solids to landfill
- H. Are municipal vehicles washed into an approved wastewater disposal system?  Yes  No
- I. Do all municipal employees and contractors overseeing planning and implementation of storm water-related activities receive comprehensive training on storm water management?  Yes  No
- J. If yes, do you also provide regular updates and refreshers?  Yes  No
- K. If so, how frequently and/or under what circumstances? Goal is Annually, Refreshers as Needed

### 7. Long-term (Post-Construction) Storm Water Measures

- A. Do you have an ordinance or other regulatory mechanism to require:
- |   |   |  |
|---|---|--|
| Site plan reviews for storm water/water quality of all new and re-development projects? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |
| Long-term operation and maintenance of storm water management controls?                 | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |
| Retrofitting to incorporate long-term storm water management controls?                  | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
- B. If you have retrofit requirements, what are the circumstances/criteria?  
NA
- C. What are your criteria for determining which new/re-development storm water plans you will review (e.g., all projects, projects disturbing greater than one acre, etc.) All Projects
- D. Do you require water quality or quantity design standards or performance standards, either directly or by reference to a state or other standard, be met for new development and re-development?  Yes  No
- E. Do these performance or design standards require that pre-development hydrology be met for:
- |                      |   |  |
|----------------------|---|--|
| Flow volumes         | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |
| Peak discharge rates | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |
| Discharge frequency  | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| Flow duration        | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |



**9. Evaluating/Measuring Progress**

A. What indicators do you use to evaluate the overall effectiveness of your storm water management program, how long have you been tracking them, and at what frequency? These are not measurable goals for individual management practices or tasks, but large-scale or long-term metrics for the overall program, such as macroinvertebrate community indices, measures of effective impervious cover in the watershed, indicators of in-stream hydrologic stability, etc.

Indicator	Began Tracking (year)	Frequency	Number of Locations
# Permit Violators/ # ID's	2019	Annual Review	All

B. What environmental quality trends have you documented over the duration of your storm water program? Reports or summaries can be attached electronically, or provide the URL to where they may be found on the Web.

Plan to work with watershed coordinators, Snyderville Basin Water Rec, Park City and UDOT on water quality assessments to identify trends.

10. Additional Information

In the space below, please include any additional information on the performance of your MS4 program. If providing clarification to any of the questions on this form, please provide the question number (e.g., 2C) in your response.

2.B- All other water body impairments in Summit County can be found at :

<http://mapserv.utah.gov/surfacewaterquality/>

4.F- Training on what qualifies as a common plan of development to occur within the next year

5.D- Training on UIC to occur within the next year with internal staff and contractors

5.F&H - All of the outfalls are inspected on a routine basis and maintained as needed. Summit County recognizes the need for tracking and documenting and plans to implement a program for this ASAP.

6.I- Training program currently being implemented

7.A- Updating ordinance to address all MS4 needs in the permit as well as retrofit long term storm water features

7.I&J- Training on ordinance requirements, will become new inspector's duties upon budget approval

8.B- Proposed budget sent to budget committee for approval of a FTE for stormwater, a GIS tracking system and participation in a stormwater coalition to help with public outreach.

Summit County has identified Mission Statements and one of the priorities is Environmental Stewardship, which includes implementing policies and plans to preserve and protect our water. Recently, Summit County has hired a full time employee to implement the stormwater program and has proposed budget for additional resources to run the program properly. Stormwater is a major priority to Summit County.

APPROVED AS TO FORM  
*Helmut Stache*  
COUNTY ATTORNEY

Certification Statement and Signature

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Yes

*[Signature]*  
\_\_\_\_\_  
Name of Certifying Official, Title

*09/26/2019*  
\_\_\_\_\_  
Date (mm/dd/yyyy)