

# 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

Salem City

Name of MS4

Dale Carter Storm Water MS4 Coordinator  
 Name of Contact Person (First) (Last) (Title)

(801) 423-2770 dalec@salemcity.org

Telephone (including area code) Email

30 W 100 E

Mailing Address

Salem UT 84653  
 City State ZIP code

What size population does your MS4 serve? 8469 UPDES number UTR09000

What is the reporting period for this report? (mm/dd/yyyy) From 07/01/2019 to 06/30/2020

### 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>Beer Creek</u>	<u>Ammonia</u>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
_____	_____	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____	_____	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____	_____	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____	_____	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____	_____	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____	_____	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____	_____	<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?

Storm water outfalls to Salem Pond and to Beer creek

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



- 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?  
Track-out, inlet protection, silt fence
- M. How often do municipal employees receive training on the construction program? Yearly

**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. 30
- D. Identify the number of Class V injection wells in your jurisdiction. 98
- 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?  
30
- 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? 30
- H. What is your frequency for screening outfalls for illicit discharges? Describe any variation based on size/type.  
Quarterly
- 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?  
N/A
- 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 checked="" type="checkbox"/> Yes	Other <u>See Section 10</u>	# _____	
- 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 type="checkbox"/> Yes | <input checked="" 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 _____  |                              |  |
- B. Are storm water inspections conducted at these facilities?  Yes  No
- C. If Yes, at what frequency are inspections conducted? Monthly since 4/2020
- 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 Section 10
- 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? Site near waterways
- G. How are you disposing of catch basin decant water and solid material?  
See Section 10
- 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? Monthly Dept. meeting and inspections

**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 type="checkbox"/> Yes            | <input checked="" 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?  
N/A
- 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.) We review all new/re-development storm water plans
- 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 checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Flow duration        | <input checked="" type="checkbox"/> Yes | <input 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

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.

**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.

5N:

Visited with small industrial and automotive service shops and had a discussion to go over what an illicit discharge actually is and give them the hard copies of guidelines on how to prevent an illicit discharge.

6D:

CURRENT STORM WATER SOP's INCLUDE:

- Outfall Inspections
- Tracing Illicit Discharges
- Procedures for Dry weather Inspections
- Illicit Discharge Observations
- IDDE Investigation Documentation
- Catch Basin Cleaning & Inspection
- Removing Illicit Discharge
- Open Space Management
- Mowing & Trimming
- Parking Lot Maintenance
- Street Sweeping
- Snow Removal & De-icing
- Dumpster & Garbage Storage
- Vehicle/Equipment Washing and Storage
- Vehicle Maintenance and Repair Activities
- Vehicle Fueling and Oil Handling Procedures
- Quarterly and Monthly Facility Storm Water Drainage Inspection
- Sumps and Injection Wells
- Planned and Unplanned Waterline Excavation Repair/Replacement

6G:

Decant water is dumped into municipal drying beds. The material goes through a sand/silt separator before going into the sanitary sewer system. Any solids remaining are hauled to an approved dump site.

**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

Dale Carter Storm Water MS4 Coordinator

Name of Certifying Official, Title

08/26/2020

Date (mm/dd/yyyy)