Utah Pollutant Discharge Elimination System Storm Water Program
MS4 Report Form

The purpose of this report is to contribute information to an evaluation of the UPDES 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

City of South Salt Lake

Name of MS4

Dennis	Pay	City Engineer
Name of Contact Person (First)	(Last)	(Title)

(801) 483-6038	dpay@sslc.gov
Telephone (including area code)	Email

220 E. Morris Ave.

Mailing Address

So. Salt Lake City	UT	84115
City	State	ZIP code

What size population does your MS4 serve? 26777   UPDES number UTS000001

What is the reporting period for this report? (mm/dd/yyyy)   From 07/01/2021 to 06/30/2022

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	
Mill Creek 2	E-Coli, Bioassessment	☐ Yes	☑ No	☐ Yes	☑ No
Jordan River 4	E-Coli, TDS, Bioassessment	☐ Yes	☑ No	☐ Yes	☑ No
		☐ Yes	☐ No	☐ Yes	☐ No
		☐ Yes	☐ No	☐ Yes	☐ No
		☐ Yes	☐ No	☐ Yes	☐ No
		☐ Yes	☐ No	☐ Yes	☐ No
		☐ Yes	☐ No	☐ Yes	☐ No
		☐ Yes	☐ No	☐ Yes	☐ No
		☐ Yes	☐ No	☐ Yes	☐ No

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

TDS, NH4, N, P, 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?

   NH4, TDS, E-Coli, N, P

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.

   Due to COVID-19 MCM 1 was limited, A decrease in IDDE responses with a decrease in discharges but an increase in spills

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

   Salt Lake County Stormwater Coalition

4. Construction

A. Do you have an ordinance or other regulatory mechanism stipulating:

   Erosion and sediment control requirements?   ☑ Yes   ☐ No

   Other construction waste control requirements?   ☑ Yes   ☐ No

   Requirement to submit construction plans for review?   ☑ Yes   ☐ No

   MS4 enforcement authority?   ☑ Yes   ☐ No

B. Do you have written procedures for:

   Reviewing construction plans?   ☑ Yes   ☐ No

   Performing inspections?   ☑ Yes   ☐ No

   Responding to violations?   ☑ Yes   ☐ No

C. What is the threshold for construction storm water plan review (e.g., all projects, projects disturbing greater than one acre, etc.)? equal or greater than 1 acre

D. Identify the number of active construction sites ≥ 1 acre in operation in your jurisdiction at any time during the reporting period. 13

E. How many of the sites identified in 4.D did you inspect during this reporting period? 13

F. Identify the number of active construction sites < 1 acre in operation in your jurisdiction at any time during the reporting period. 271

G. How many of the sites identified in 4.F did you inspect during this reporting period? 50%

H. Describe, on average, the frequency with which your program conducts construction site inspections.
   monthly/ bi-monthly with follow up as needed

I. Do you prioritize certain construction sites for more frequent inspections?   ☑ Yes   ☐ No

   If Yes, based on what criteria? proximity to impaired water bodies

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:

   ☐ Yes   Notice of violation   # ____   No Authority ☐

   ☑ Yes   Administrative fines   # 1   No Authority ☐

   ☑ Yes   Stop Work Orders   # 3   No Authority ☐

   ☐ Yes   Civil penalties   # ____   No Authority ☐

   ☐ Yes   Criminal actions   # ____   No Authority ☐

   ☐ Yes   Administrative orders   # ____   No Authority ☐

   ☐ Yes   Other _____   # ____

K. Do you use an electronic tool (e.g., GIS, data base, spreadsheet) to track the locations, ☑ Yes ☐ No
inspection results, and enforcement actions of active construction sites in your jurisdiction?

L. What are the 3 most common types of violations documented during this reporting period?
Track out, Goodhouse keeping(trash/dumpsters), Self inspections

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 ☑ Yes ☐ No
system?

C. Identify the number of outfalls in your storm sewer system. 53

D. Identify the number of Class V injection wells in your jurisdiction. 10

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?
3

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? 53

H. What is your frequency for screening outfalls for illicit discharges? Describe any variation based on size/type.
all outfalls once permit cycle

I. Do you have an ordinance or other regulatory mechanism that effectively prohibits illicit ☑ Yes ☐ No
discharges?

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 ☑ Yes ☐ No
take enforcement action and/or recover costs for addressing illicit discharges?

L. During this reporting period, how many illicit discharges/illegal connections have you discovered? 36

M. Of those illicit discharges/illegal connections that have been discovered or reported, how many have been eliminated?
36

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:

☐ Yes	Notice of violation	#____	No Authority ☐
☑ Yes	Administrative fines	#2	No Authority ☐
☐ Yes	Stop Work Orders	#____	No Authority ☐
☐ Yes	Civil penalties	#____	No Authority ☐
☐ Yes	Criminal actions	#____	No Authority ☐
☐ Yes	Administrative orders	#____	No Authority ☐
☐ 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	☐ Yes	☑ No
All municipal construction activities, including those disturbing less than 1 acre	☐ Yes	☑ No
All municipal turf grass/landscape management activities	☐ Yes	☑ No
All municipal vehicle fueling, operation and maintenance activities	☑ Yes	☐ No
All municipal maintenance yards	☑ Yes	☐ No
All municipal waste handling and disposal areas	☑ Yes	☐ No

Other _____

B. Are storm water inspections conducted at these facilities? ☑ Yes ☐ No

C. If Yes, at what frequency are inspections conducted? Monthly _____

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 for link _____

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? Public Works Facility _____

G. How are you disposing of catch basin decant water and solid material?
Sanitary Sewer, CVWRF _____

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? Annually _____

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?	☑ Yes	☐ No
Long-term operation and maintenance of storm water management controls?	☑ Yes	☐ No
Retrofitting to incorporate long-term storm water management controls?	☑ Yes	☐ No

B. If you have retrofit requirements, what are the circumstances/criteria?
See section 10 for link _____

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	☑ Yes	☐ No
Peak discharge rates	☑ Yes	☐ No
Discharge frequency	☑ Yes	☐ No
Flow duration	☑ Yes	☐ No

F. Please provide the URL/reference where all post-construction storm water management standards can be found.

see section 10 for link

G. How many development and redevelopment project plans were reviewed during the reporting period to assess impacts to water quality and receiving stream protection? _____

H. How many of the plans identified in 7.G were approved? 10_____

I. How many privately owned permanent storm water management practices/facilities were inspected during the reporting period? 41_____

J. How many of the practices/facilities identified in I were found to have inadequate maintenance? 0_____

K. How long do you give operators to remedy any operation and maintenance deficiencies identified during inspections?

30-60 days

L. Do you have authority to take enforcement action for failure to properly operate and maintain storm water practices/facilities?   ☑ Yes   ☐ No

M. How many formal enforcement actions (i.e., more than a verbal or written warning) were taken for failure to adequately operate and/or maintain storm water management practices? 0_____

N. Do you use an electronic tool (e.g., GIS, database, spreadsheet) to track post-construction BMPs, inspections and maintenance?   ☑ Yes   ☐ No

O. Do all municipal departments and/or staff (as relevant) have access to this tracking system?   ☑ Yes   ☐ No

P. How often do municipal employees receive training on the post-construction program? Annually_____

8. Program Resources

A. What was the annual expenditure to implement MS4 permit requirements this reporting period? $986,000_____

B. What is next year's budget for implementing the requirements of your MS4 UPDES permit? $2132000_____

C. This year what is/are your source(s) of funding for the storm water program, and annual revenue (amount or percentage) derived from each?

Source: Stormwater Utility Fund_____   Amount $_____ OR % 100___

Source: _____   Amount $_____ OR % _____

Source: _____   Amount $_____ OR % _____

D. How many FTEs does your municipality devote to the storm water program (specifically for implementing the storm water program; not municipal employees with other primary responsibilities)? 3_____

E. Do you share program implementation responsibilities with any other entities?   ☐ Yes   ☐ No

Entity	Activity/Task/Responsibility	Your Oversight/Accountability Mechanism
SLCO SW Coalition	Public Education	Member
SLVHD	Enforcement	Partner

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
Permanent BMP's	2019	Bi-Annually	72
Stormwater Quality Fair	2006	Annually	
Priority Area Inspections	2019	Annually	9
Dry Weather Screening	2019	1/Permit Cycle	53

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.

This is a link to SLCO Stormwater Coalition General Public Stormwater Survey:
https://stormwatercoalition.org/s/2020-General-Public-Stormwater-Report-December-2020.pdf
Based on the survey there are some areas that have improved, such as, Pet Waste and Vehicle Washing.

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.
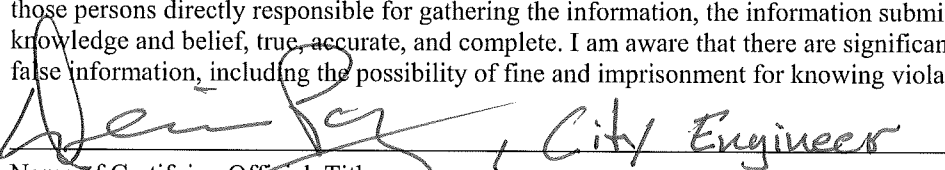
https://sslc.gov/uploads/departments/Engineering/SSL_Stormwater_Design_Manual.pdf

https://sslc.gov/department-listings/public-works/stormwater

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

_____ , City Engineer _____   09/23/2022

Name of Certifying Official, Title   Date (mm/dd/yyyy)