

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

Pleasant Grove City

Name of MS4

Neal Winterton Public Works Director

Name of Contact Person (First)

(Last)

(Title)

(801) 785-2941

Nwinterton@pgcity.org

Telephone (including area code)

Email

323 West 700 South

Mailing Address

Pleasant Grove City

ut

84062

City

State

ZIP code

What size population does your MS4 serve? 38700

UPDES number _____

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

From 06/01/2022 to 06/30/2023

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	
_____	_____	<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
_____	_____	<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?

- 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?

Pet waste, fertilizer and dirt/silt

- 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.

people asking questions, calling in when they see tracking illegal dumping

- 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

Utah County 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.)? We meet on site with all projects including those under one acer in size
 D. Identify the number of active construction sites \geq 1 acre in operation in your jurisdiction at any time during the reporting period. 12
 E. How many of the sites identified in 4.D did you inspect during this reporting period? 12
 F. Identify the number of active construction sites $<$ 1 acre in operation in your jurisdiction at any time during the reporting period. 35
 G. How many of the sites identified in 4.F did you inspect during this reporting period? 35
 H. Describe, on average, the frequency with which your program conducts construction site inspections.
once a month and rain events
 I. Do you prioritize certain construction sites for more frequent inspections? Yes No
 If Yes, based on what criteria? those with greater potential for pollution
 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>20</u>	No Authority <input type="checkbox"/>
<input checked="" type="checkbox"/> Yes	Administrative fines	# <u>1</u>	No Authority <input type="checkbox"/>
<input checked="" type="checkbox"/> Yes	Stop Work Orders	# <u>1</u>	No Authority <input type="checkbox"/>
<input type="checkbox"/> Yes	Civil penalties	# _____	No Authority <input type="checkbox"/>
<input checked="" type="checkbox"/> Yes	Criminal actions	# <u>1</u>	No Authority <input type="checkbox"/>
<input type="checkbox"/> Yes	Administrative orders	# _____	No Authority <input type="checkbox"/>
<input checked="" type="checkbox"/> Yes	Other <u>text messages and phone calls</u>	# <u>50</u>	

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?
tracking, bmps not being kept up and landscaping material in the road and weekend work

M. How often do municipal employees receive training on the construction program? at least 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. 10

D. Identify the number of Class V injection wells in your jurisdiction. 11

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?
10

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? 10

H. What is your frequency for screening outfalls for illicit discharges? Describe any variation based on size/type.
we try to get 20% each year

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? 1

M. Of those illicit discharges/illegal connections that have been discovered or reported, how many have been eliminated?
1

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 # _____ 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? it is different at each location, at least annual
- 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).
We discuss it in our biweekly meetings, also try to train on it during the year
- 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 projects
- G. How are you disposing of catch basin decant water and solid material?

- 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?

- 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.) _____
- 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.
www.pgcity.org
- G. How many development and redevelopment project plans were reviewed during the reporting period to assess impacts to water quality and receiving stream protection? 0
- H. How many of the plans identified in 7.G were approved? 0
- I. How many privately owned permanent storm water management practices/facilities were inspected during the reporting period? 30
- J. How many of the practices/facilities identified in I were found to have inadequate maintenance? 6
- K. How long do you give operators to remedy any operation and maintenance deficiencies identified during inspections?
7 days or less depending on the impact
- 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? _____
- 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? 150,000
- B. What is next year's budget for implementing the requirements of your MS4 UPDES permit? 150,000
- 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: storm water utilities Amount \$ 150,000 OR % _____

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)? _____
- E. Do you share program implementation responsibilities with any other entities? Yes No

Entity	Activity/Task/Responsibility	Your Oversight/Accountability Mechanism
_____	_____	_____
_____	_____	_____
_____	_____	_____

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
education in the schools			
youtube videos on the web			
monthly message on the web			
article in the news letter			
hand out things with "only			
rain down the drain" on them			
put flyers in business renewal			

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.

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

Neil R. Winter Public Works Director
Name of Certifying Official, Title

09/25/2023
Date (mm/dd/yyyy)

Control Measure 1 – Public Education and Outreach

A. Describe any educational activities performed during the reporting period that targeted industries (including construction/operators etc.)

BMP Description	Start Date	Completed? Yes/No	Completion Date	Projected Completion Date
RSW Training now done Online Remote through Utah LTAP	May 2022	Yes	On Going	
RSI Training now done through Online Remote through Utah LTAP	June 2021	Yes	On Going	

B. Describe any educational activities performed during the reporting period which targeted municipal employees:

BMP Description	Start Date	Completed? Yes/No	Completion Date	Projected Completion Date
13 th Annual Training	N/A	Ongoing	Annually	
APWA Fall Conference and Stormwater Expo	9/21/2021	Yes	9/22/2021	

C. Describe any educational activities performed during the reporting period that targeted highly visible sources of pollution

BMP Description	Start Date	Completed? Yes/No	Completion Date	Projected Completion Date
Household Hazardous Waste Collection (Specific Day Cancelled due to COVID, Solid Waste Districts accepting E-waste April 1-30)	April 2022	On going at Solid Waste Districts	On Going	

D. Describe any educational activities performed that target group audiences (school groups, associations, etc. that were not listed above.

BMP Description	Start Date	Completed? Yes/No	Completion Date	Projected Completion Date
116 Elementary Schools visited (9,630 students, 354 Staff)	August 2021	Yes	May 2022	

E. For each BMP noted in the chart for this section above list measurable goal information that is pertinent per the outline below. If the report is prepared electronically the charts

may be copied and pasted in this section. If the report is not prepared electronically a separate section will need to be prepared in this format. **(Note: Expand the report to include #'s 1-4 for each program BMP)**

F. BMP 1 - EDUCATION PROGRAM

(1) General summary

Provide classroom presentations to fourth grade students throughout Utah County where they can be taught the principles of better Stormwater Pollution Prevention Practices. Implement a high school mentoring program where high school students may assist in the production and presentation of educational events.

(2) Status of Measurable Goals

- A) Established interlocal agreements with member agencies in 02/2014 including a provision for additional cities to join.
- B) Established agreement with an educational instructor to ensure content of presentation be uniform throughout Utah County in 11/2010. Jenny Devlin is the current instructor and has an ongoing contract to perform said instructor. Erica Devlin, additional instructor was also contracted 4/2022. They will be dividing the schools between them and will be seeing additional schools making a total of 116 schools.
- C) Documented number of students visited, and number of schools seen throughout the school year in 2021-2022. Total number of students taught was 9,630 and 354 staff.

(3) Effectiveness

The interlocal agreement was signed and accepted by all 19 of the Utah County Storm Water Coalition member agencies. The educational instructor was able to see 97 out of the 116 schools in the Utah County area during this school year. There has been an increase of excitement in support of the program by both teachers as well as the students. There were 9,630 students and 388 staff taught during the school year. COVID-19 still has some impact on reaching all audiences.

BMP 2 - COMMUNITY/RESIDENTIAL PROGRAM

(1) General summary

Raise awareness to the general public of the importance of Stormwater Pollution Prevention Policies and what can be done on an individual basis.

(2) Status of Measurable Goals

- A) Conducted survey by BYU Marriott School of Management to determine the level of awareness and understanding of the general public in April 2017.
- B) Attend community events with informational booths by the municipalities in the Coalition. A committee designed and created two information booths for local community events.
- C) Booth Display content was updated and 2 new booth displays were purchased in November 2021
- D) Educational materials for public distribution were developed and were distributed to the general public by the municipalities during the summer of 2021-22.
- E) Promote, publicize, and facilitate the proper management and disposal of used oil and household hazardous waste. This program has been implemented with an informational hotline, a website, an email address for questions, and a quarterly flyer that is posted on the website in PDF format for printing. Update disposal list on a regular basis and post updated list to the stormwater webpage.
- F) Encourage the involvement of community groups in distributing stormwater materials.

(3) Effectiveness

The public survey was extremely effective in discovering the storm water attitudes of Utah County residents. The information booths at the various community events became more effective with the availability of additional storm water educational materials implemented in 2013. Public Reporting has become more effective with the establishment of the countywide phone number and information system including the website, an informational hotline, and the quarterly newsletter. This became evident with the successful participation in the Household Hazardous Cleanup Day that was held in April 2018.

(4) Proposed Modifications

- A) Document number of local events and the number of information booths where information is distributed by each individual city.
- B) Document types of community groups involved in distributing and placing stormwater materials as well as the number of these events, the number of those assisting, and the number of items distributed.
- C) Compile new email survey to report adults who have children in 4th grade that shared with them what they learned regarding stormwater.

BMP 3 – COMMERCIAL PROGRAMS

(1) General summary

Assist commercial business owners in identifying pollutants and identify proper procedures for disposing of these types of pollutants.

(2) Status of Measurable Goals

- A) Commercial Training for businesses and industries is in development by the coalition and videos have been purchased to train the commercial industry.
- B) Identify commercial businesses in the municipalities that are violating the rules and need proper training.
- C) Provide information flyers that are directed toward commercial businesses.
- D) Get more Registered Stormwater Inspectors.

(3) Effectiveness

RSI and RSR/RSW Training now done by Online Remote through Utah LTAP

(4) Proposed Modifications

Municipalities need to identify commercial businesses within their community and make sure that they are following proper stormwater pollution prevention procedures. If they are not, trainings need to be held to assist and educate these commercial businesses to meet stormwater regulations.

BMP 4 – EDUCATIONAL WORKSHOPS FOR PROFESSIONALS

(1) General summary

Provide educational workshops for professionals both in the public and the private sector to help them understand and implement proper Stormwater Best Management Practices.

(2) Status of Measurable Goals

- A) Sponsor and provide general stormwater trainings on best management practices. The 13th general Stormwater training was held on February 1, 2022 at the Utah Valley Convention Center, The attendance was approximatey 70 attendees from municipalities as well as industry professionals.
- B) Sponsor and provide specific stormwater trainings for specific pollutants in the community.
- C) Reestablish CEUs for attendees at annual training.

(3) Effectiveness

The conferences, broadcasts, and meetings held for professional training were informative and well attended by public and private personnel.

(4) Proposed Modifications

Advertise the target audience heavily for future trainings. This can be accomplished by the municipalities personalizing the invitation to each target audience and ensuring the training is properly advertised. Provide specific informational flyers for businesses in each city. Hold annual conference in February since it is better attended than in March. Establish CEUs for attendees to increase attendance.

Part IV -- Annual Expenditures for Permit Compliance

1. Reporting Period Expenditures

- a. What was the funding source(s) for this reporting period's expenditures?
Utah County Storm Water Coalition Interlocal Agreement.
- b. A summary of the expenditures for the administration of the storm water management program during the reporting period should be attached as an addendum to this report. Is a copy of last reporting period's expenditures attached? Yes No

2. Next Reporting Period's Budget

- a. What will be the funding source for next reporting period's budget?
Utah County Storm Water Coalition Interlocal Agreement.
- b. A summary of the proposed budget for the storm water management program for the next reporting period should be attached as an addendum to this report. Is a copy of the proposed budget for the next reporting period attached? Yes No

3. Staffing

- a. How many full-time equivalents were dedicated to the administration of the SWMP during the reporting period? 0
- b. Did the amount of full-time equivalents dedicated to the administration of the SWMP during this reporting period differ from the previous reporting period either by an increase or decrease in numbers? Yes No
- c. If yes, please explain whether it was a decrease or increase and the reason for the staff differences

Part V – Five Year Implementation Schedule

This part is required for the first year annual report for all entities covered under the UPDES General Permit for Small Municipal Separate Storm Sewer Systems, General Permit No. UTR090000. Entities within Salt Lake County that are part of the Phase I Co-Permit do not need to complete this section.

This section requires a listing with dates and measures satisfied for all best management practices, which will be implemented over the five year permit cycle. A program in compliance with the permit must be implemented. The program implementation schedule dates must include both month and year.

Best Management Practice	Implementation Schedule Month/Year	Min Control Measure					
		1	2	3	4	5	6
<i>Example: Create and Pass an Enforceable Ordinance Requiring Sediment and Erosion Control at Construction Sites Which Disturb more than One Acre</i>	June/2006				X		
Establish Interlocal Agreements with Member Agencies	Completed	X					
Implementation of the ComplianceGo program for tracking permits	Completed	X					
Utah County Educational Program	Completed	X					
Develop and distribute educational materials to hand out to schools	Completed	X					
Develop and distribute educational materials to hand out to the public at community events and fairs	Completed	X					
Storm Drain Marking Program	Completed	X					
Public Reporting – follow up on reports and take enforcement action Establish countywide phone number	Completed	X					
Attend community events with information booths	Completed	X					
Develop mass educational materials via web site and radio commercials, stickers, etc.	Completed	X					
Promote, publicize, and facilitate the proper management and disposal of used oil and household hazardous wastes	Completed	X					
Complete a public survey regarding actions that affect storm water runoff	April/2017	X					
Review the Pesticide, Herbicide and	Completed	X					

ADDENDUM #1

1. Reporting Period Expenditures for 2021-2022

Jenny Devlin and Erica Devlin educational presentation to 111 schools 2021-2022	\$31,000.00
Promotional Items (SWAG) beach balls, stadium cups, flashlights, stress relievers, slinkys, Yo-yo	\$24,703.28
Utah Correctional Industries Print Shop Storm Water Activity Books 12,000	\$6,461.44
Annual Coalition Training	\$3,904.00
2 New Updated Booth Displays	\$1,453.50
Total	\$67,522.22

Best Management Practice	Implementation Schedule Month/Year	Min Control Measure					
		1	2	3	4	5	6
Fertilizer Educational Program							
Implement changes identified in prior task	Completed	X					
Educational materials with information about PHF disposal. Establish countywide hotline.	Completed	X					
Continued participation in the Utah County Storm Water Coalition	Completed	X					
Expand participants involved in Coalition issues	Completed	X					
Attend professional conferences or seminars	Completed	X					
Give presentations at conferences or workshops	Completed	X					

ADDENDUM #3

1. Proposed Period Expenditures for next 5 years

Educational Instructor	116 schools @ \$250 each	\$29,000.00
Educational Materials	12,000 Raindrops, Pencils & Booklets	\$13,000.00
Fair/City Celebration Materials		\$13,000.00
Trainings		\$ 5,000.00
Total budgeted for 2021-2022		\$60,000.00