



2024 Annual MS4 Report - General Information

Report Status: Submitted

Permittee: ALIQUIPPA CITY BEAVER CNTY | NPDES Permit No.: PAG136334

Facility Name: ALIQUIPPA CITY STORM SEW SYS MS4
Facility Address: 581 FRANKLIN AVE, ALIQUIPPA, PA, 15001-3727
Facility ID: 644763
County: Beaver
Municipality: Aliquippa City
Effective Date: 09/01/2018
Expiration Date:
Renewal Due Date: 09/30/2025

MS4 Contact:
Title:
Phone:
Email:

MS4 Report (Current Version)

Water Quality Information Module



Are there any discharges to waters within the Chesapeake Bay Watershed? No

Identify all surface waters that receive stormwater discharges from the permittee's MS4 and provide the requested information.

Receiving Water Name	Ch. 93 Class	Impaired	Cause(s)	TMDL	WLA
Ohio River	WWF	Yes	Chlordane, Pathogens, PCBs	Yes	Yes
Logtown Run	WWF	Yes	Organic Enrichment/Low D.O., Siltation	No	No
Raccoon Creek	WWF	Yes	Metals, pH, Siltation, Suspended Solids	Yes	Yes

General Minimum Control Measure (MCM) Information Module



Have you completed all MCM activities required by the permit for this reporting period? Yes

List the current entity responsible for implementing each MCM of your SWMP, along with contact names and phone numbers.

MCM	Entity Responsible	Contact Name	Phone Number
#1 Public Education and Outreach on Stormwater Impacts	City of Aliquippa	Samuel Gill	724-375-5188
#2 Public Involvement / Participation	City of Aliquippa	Samuel Gill	724-375-5188
#3 Illicit Discharge Detection and Elimination (IDD&E)	City of Aliquippa	Samuel Gill	724-375-5188
#4 Construction Site Stormwater Runoff Control	City of Aliquippa	Samuel Gill	724-375-5188
#5 Post-Construction Stormwater Management in New Development and Redevelopment	City of Aliquippa	Samuel Gill	724-375-5188

MCM #1 – Public Education & Outreach on Stormwater Impacts Module

**BMP #1: Develop, implement and maintain a written Public Education and Outreach Program.**

1. For new permittees only, has the written PEOP been developed and implemented within the first year of permit coverage?

Not Applicable

2. Date of latest annual review of PEOP:

01/15/2024

Were updates made?

No

3. What were the plans and goals for public education and outreach for the reporting period?

The City of Alliquippa continues to distribute stormwater posters and literature at schools, government buildings and businesses throughout the city to raise public awareness. The City updated their website to include information about the MS4 Program, general stormwater information, brochures to download, and links to other applicable websites. In addition, they have added a "stormwater complaint form" to their website allowing residents to submit any complaints online.

4. Did the MS4 achieve its goal(s) for the PEOP during the reporting period?

Yes

5. Identify specific plans and goals for public education and outreach for the upcoming year:

The City is looking at distributing stormwater information through public media outlets, such as Facebook and Twitter, while continuing to make updates to the City's website. They plan to continue to encourage use of the stormwater complaint form that residents can access through the website. They will continue to review and expand their Target Audience list.

BMP #2: Develop and maintain lists of target audience groups present within the areas served by your MS4.

1. For new permittees only, have the target audience lists been developed and implemented within the first year of permit coverage?

Not Applicable

2. Date of latest annual review of target audience lists:

01/15/2024

Were updates made?

No

BMP #3: Annually publish at least one educational item on your Stormwater Management Program.

1. For new permittees only, were stormwater educational and informational items produced and published in print and/or on the internet within the first year of permit coverage?

Not Applicable

2. Date of latest annual review of educational materials:

01/15/2024

Were updates made?

No

3. Do you have a municipal website? Yes

URL: <https://alliquippa.gov/front-page/ms4-program/>

If Yes, what MS4-related material does it contain?

The City has a dedicated page to the MS4 program. It includes links to download MS4 reports from 2018 to current. There is online stormwater complaint form for residents/visitors of the website to report concerns. There are downloadable brochures and a link to the City's stormwater ordinance.

4. Describe any other method(s) used during the reporting period to provide information on stormwater to the public:

Verbal announcements are made during monthly public council meetings as to the locations where stormwater literature is distributed. Residents and developers are made aware of the Stormwater Management Ordinance which was adopted on 7/6/2022. Stormwater brochures are made available at the recycling events sponsored by the City.

5. Identify specific plans for the publication of stormwater materials for the upcoming year:

The City plans to continue distributing educational / informational stormwater documents at the locations indicated above, as well as focus on their Target Audience list. The City also plans to distribute these documents via public media outlets such as Facebook, city website, etc. The City will distribute brochures at tire recycling events that occur throughout the year. The City sells recycling bins to encourage recycling in the City and stormwater brochures are provided with each purchase.

BMP #4: Identify the two additional methods of distributing stormwater educational materials during the previous reporting period (e.g., displays, posters, signs, pamphlets, booklets, brochures, radio, local cable TV, newspaper articles, other advertisements, bill stuffers, posters, presentations, conferences, meetings, fact sheets, giveaways, or storm drain stenciling).

Identify the two additional methods of distributing stormwater educational materials during the previous reporting period (e.g., displays, posters, signs, pamphlets, booklets, brochures, radio, local cable TV, newspaper articles, other advertisements, bill stuffers, posters, presentations, conferences, meetings, fact sheets, giveaways, or storm drain stenciling).

The City of Alliquippa continues to distribute stormwater posters and literature at the facilities mentioned above, tire recycling events, recycle bin purchases, and in the PEOP.

MCM #1 Comments:

MCM #1 Attachments:

MCM #2 – Public Involvement/Participation Module

BMP #1: Develop, implement and maintain a written Public Involvement and Participation Program (PIPP)

1. For new permittees only, was the PIPP developed and implemented within one year of permit coverage? **Not Applicable**

2. Date of latest annual review of PIPP: **01/15/2024** Were updates made? **No**

BMP #2: Advertise to the public and solicit public input on ordinances, SOPs, Pollutant Reduction Plans (PRPs) (if applicable) and TMDL Plans (if applicable), including modifications thereto, prior to adoption or submission to DEP:

1. Was an MS4-related ordinance, SOP, PRP or TMDL Plan developed during the reporting period? **No**

2. If **Yes**, describe how you advertised the draft document(s) and how you provided opportunities for public review, input and feedback:

3. If an ordinance, SOP or plan was developed or amended during the reporting period, provide the following information:

Ordinance/SOP/Plan Name	Date of Public Notice	Date of Public Hearing	Date Enacted or Submitted to DEP
No data available in table			

BMP #3: Regularly solicit public involvement and participation from the target audience groups using available distribution and outreach methods.

1. At least one public meeting or other MS4 event must be held during the 5-year permit coverage period to solicit participation and feedback from target audience groups. Was this meeting or event held during the reporting period? **Yes**

If **Yes**, Date of Meeting or Event: **06/05/2024**

2. Report instances of cooperation and participation in MS4 activities; presentations the permittee made to local watershed and conservation organizations; and similar instances of participation or coordination with organizations in the community.

The City of Alliquippa advertises on its website the participation in the Great American Cleanup of PA which encourages the cleanup of litter and trash on roadsides and in streams. Additionally, the City of Alliquippa has a curbside recycling program where recyclables are collected bi-weekly and any new recycling bins sold by the City include stormwater informational brochures.

3. Report activities in which members of the public assisted or participated in the meetings and in the implementation of the SWMP, including education activities or efforts such as cleanups, monitoring, storm drain stenciling, or others.

The monthly meetings are continuously attended by City residents and the curbside recycling program is utilized by many residents.

MCM #2 Comments:

MCM #2 Attachments:

File Name	Document Type	Short Description
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MCM #3 -- Illicit Discharge Detection and Elimination (IDD&E)



BMP #1: Develop and implement a written program for the detection, elimination, and prevention of illicit discharges into the regulated small MS4.

1. For new permittees only, was the written IDD&E program developed within one year of permit coverage? **Not Applicable**

2. Date of latest annual review of IDD&E program: **01/15/2024** Were updates made? **No**

BMP #2: Develop and maintain map(s) that show permittee and urbanized area boundaries, the location of all outfalls and, if applicable, observation points, and the locations and names of all surface waters that receive discharges from those outfalls. Outfalls and observation points shall be numbered on the map(s).

1. Have you completed a map(s) that includes all components of BMP #2? **No**

If **Yes** and you are a new permittee and have not submitted the map(s) previously, attach the map(s) to this report.

If **No**, date by which permittee expects map(s) to be completed: **12/31/2025**

2. Date of last update or revision to map(s): **03/01/2022**

3. Total No. of Outfalls in MS4: **17** Total No. of Outfalls Mapped: **17**

4. Total No. of Observation Points: **17** Total No. of Observation Points Mapped: **17**

5. During the reporting period, have you identified any existing outfalls that have not been previously reported to DEP in an NOI, application or annual report, or are any new MS4 outfalls proposed for the next reporting period? **No**

If **Yes**, select: Existing Outfall(s) Identified New Outfall(s) Proposed

BMP #3: In conjunction with the map(s) created under BMP #2 (either on the same map or on a different map), the permittee shall develop and maintain map(s) that show the entire storm sewer collection system within the permittee's jurisdiction that are owned or operated by the permittee (including roads, inlets, piping, swales, catch basins, channels, and any other components of the storm sewer collection system), including privately-owned components of the collection system where conveyances or BMPs on private property receive stormwater flows from upstream publicly-owned components.

1. Have you completed a map(s) that includes all components of BMP #3? **No**

If **Yes** and you are a new permittee and have not submitted the map(s) previously, attach the map(s) to this report.

If **No**, date by which permittee expects map(s) to be completed: **12/31/2025**

2. If **Yes** to #1, is the map(s) on the same map(s) as for outfalls and receiving waters?

3. Date of last update or revision to map(s): **01/16/2023**

BMP #4: Conduct dry weather screenings of MS4 outfalls to evaluate the presence of illicit discharges. If any illicit discharges are present, the permittee shall identify the source(s) and take appropriate actions to remove or correct any illicit discharges. The permittee shall also respond to reports received from the public or other agencies of suspected or confirmed illicit discharges associated with the storm sewer system, as well as take enforcement action as necessary. The permittee shall immediately report to

DEP illicit discharges that would endanger users downstream from the discharge, or would otherwise result in pollution or create a danger of pollution or would damage property.

For new permittees, all identified outfalls (and if applicable observation points) must be screened during dry weather at least twice within the 5-year period following permit coverage. For existing permittees, all identified outfalls (and if applicable observation points) must be screened during dry weather at least once within the 5-year period following permit coverage and, for areas where past problems have been reported or known sources of dry weather flows occur on a continual basis, outfalls must be screened annually during each year of permit coverage.

1. How many unique outfalls (and if applicable observation points) were screened during the reporting period? **17**
2. Indicate the percentage of all outfalls screened in the past five years. **100 %**
3. Indicate the percent of outfalls screened during the reporting period that revealed dry weather flows: **0 %**
4. Did any dry weather flows reveal color, turbidity, sheen, odor, floating or submerged solids? **No**
5. If **Yes** for #4, attach all sample results to this report with a map identifying the sample location. Explain the corrective action(s) taken in the attachment.
6. Do you use the MS4 Outfall Field Screening Report form **(3800-FM-BCW0521)** (<https://greenport.pa.gov/eLibrary/GetFolder?FolderID=2740>) provided in the permit? **Yes**
- If **No**, attach a copy of your screening report form.

BMP #5: Enact a Stormwater Management Ordinance or SOP to implement and enforce a stormwater management program that includes prohibition of non-stormwater discharges to the regulated small MS4.



1. Do you have an ordinance (municipal) or SOP or other mechanism (non-municipal) that prohibits non-stormwater discharges? **Yes**
- If **Yes**, indicate the date of the ordinance or SOP:
- | | |
|-----------------------|--------------------------|
| Date of the Ordinance | Borough/Township Name? |
| 07/06/2022 | City of Aliquippa |
2. If **Yes** to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PMBCW0100j) with respect to authorized non-stormwater discharges? **Yes**
- If **Yes** to #1 and the ordinance or SOP has not been submitted to DEP previously, attach the ordinance or SOP.
3. Were there any violations of the ordinance or SOP during the reporting period? **No**
- If **Yes** to #3, complete the table below (attach additional sheets as necessary).
- | Violation Date | Nature of Violation | Responsible Party | Enforcement Taken |
|----------------------------|---------------------|-------------------|-------------------|
| No data available in table | | | |
4. Did you approve any waiver or variance during the reporting period that allowed an exception to non-stormwater discharge provisions of an ordinance or SOP? **No**
- If **Yes** to #4, identify the entity that received the waiver or variance and the type of non-stormwater discharge approved.

BMP #6: Provide educational outreach to public employees, business owners and employees, property owners, the general public and elected officials (i.e., target audiences) about the program to detect and eliminate illicit discharges.

1. Was IDD&E-related information distributed to public employees, businesses, and the general public during the reporting period? **Yes**
- If **Yes**, what was distributed?

The City of Aliquippa continues to distribute stormwater posters and literature at schools, government buildings and businesses throughout the city to raise public awareness, as well as, tire recycling events, recycle bin purchases.

2. Is there a well-publicized method for employees, businesses and the public to report stormwater pollution incidents?	Yes
3. Do you maintain documentation of all responses, action taken, and the time required to take action?	Yes
MCM #3 Comments:	

MCM #4 – Construction Site Stormwater Runoff Control 		
Are you relying on PA's statewide program for stormwater associated with construction activities to satisfy this MCM?		Yes
(If Yes , respond to questions for BMP Nos. 1, 2 and 3 only in this section. If No, respond to questions for all BMPs in this section)		
BMP #1: Develop, implement and maintain a written Public Involvement and Participation Program (PIPP)		
During the reporting period, did you comply with 25 Pa. Code § 102.43 (relating to withholding building or other permits or approvals until DEP or a county conservation district (CCD) has approved NPDES permit coverage)? Note: If no building permit applications were received you may select Not Applicable.		Yes
BMP #2: A municipality or county which issues building or other permits shall notify DEP or the applicable CCD within 5 days of the receipt of an application for a permit involving an earth disturbance activity consisting of one acre or more, in accordance with 25 Pa. Code § 102.42.		
During the reporting period, did you comply with 25 Pa. Code § 102.42 (relating to notifying DEP/CCD within 5 days of receiving an application involving an earth disturbance activity of one acre or more)? Note: If no building permit applications were received you may select Not Applicable.		Yes
BMP #3: Enact, implement and enforce an ordinance or SOP to require the implementation and maintenance of E&S control BMPs, including sanctions for non-compliance, as applicable.		
1. Do you have an ordinance (municipal) or SOP or other mechanism (non-municipal) that requires implementation and maintenance of E&S control BMPs?		Yes
If Yes , indicate the date of the ordinance or SOP:		
Date of the Ordinance	Borough/Township Name?	
07/06/2022	City of Aliquippa	
2. If Yes to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PMBCW0100)?		Yes
3. If Yes to #1 and the ordinance or SOP has not been submitted previously, attach a copy of the ordinance or SOP.		
BMP #4: Review Erosion and Sediment (E&S) control plans to ensure that such plans adequately consider water quality impacts and meet regulatory requirements.		
Specify the number of E&S Plans you reviewed during the reporting period:		
Not Applicable		
BMP #5: Conduct inspections regarding installation and maintenance of E&S control measures during earth disturbance activities. Maintain records of site inspections, including dates and inspection results, in accordance with the record retention requirements in this permit.		
Specify the number of E&S inspections you completed during the reporting period:		
Not Applicable		
BMP #6: Conduct enforcement when installation and maintenance of E&S control measures during earth disturbance activities does not comply with permit and/or regulatory requirements.		
Specify the number of enforcement actions you took during the reporting period for improper E&S:		
Not Applicable		
BMP #7: Develop and implement requirements for construction site operators to control waste at construction sites that may cause adverse impacts to water quality. The permittee shall provide education on these requirements to construction site operators.		

Specify the method(s) by which you are educating construction site operators on controlling waste at construction sites:

Not Applicable

BMP #8: Develop and implement procedures for the receipt and consideration of public inquiries, concerns, and information submitted by the public to the permittee regarding local construction activities.

1. A tracking system has been established for receipt of public inquiries and complaints.

Not Applicable

2. Specify the number of inquiries and complaints received during the reporting period:

Not Applicable

MCM #4 Comments:

MCM #4 Attachments:

File Name	Document Type	Short Description
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MCM #5 -- Post-Construction Stormwater Management in New Development & Redevelopment Module



BMP #1: Enact, implement and enforce an ordinance or SOP to require post-construction stormwater management from new development and redevelopment projects, including sanctions for non-compliance.

1. Do you have an ordinance (municipal) or SOP or other mechanism (non-municipal) that requires implementation and maintenance of post-construction stormwater management (PCSM) BMPs?

Yes

If Yes, indicate the date of the ordinance or SOP:

Date of the Ordinance

Borough/Township Name?

07/06/2022

City of Alliquippa

2. If Yes to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100)?

Yes

3. If Yes to #1 and the ordinance or SOP has not been submitted previously, attach a copy of the ordinance or SOP.

BMP #2: Develop and implement measures to encourage and expand the use of Low Impact Development (LID) in new development and redevelopment. Measures should also be included to encourage retrofitting LID into existing development. Enact ordinances consistent with LID practices and repeal sections of ordinances that conflict with LID practices.

1. Do you have an ordinance (municipal) or SOP or other mechanism (non-municipal) that encourages and expands the use of LID in new development and redevelopment?

Yes

If Yes, indicate the date of the ordinance or SOP:

Date of the Ordinance

Borough/Township Name?

07/06/2022

City of Alliquippa

2. If Yes to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PMBCW0100)?

Yes

3. If Yes to #1 and the ordinance or SOP has not been submitted previously, attach a copy of the ordinance or SOP.

BMP #3: Ensure adequate O&M of all post-construction stormwater management BMPs that have been installed at development or redevelopment projects that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale.

1. Do you have an inventory of all PCSM BMPs that were installed to meet requirements in NPDES Permits for Stormwater Discharges Associated with Construction Activities approved since March 10, 2003?

Yes

If Yes to #1, complete PCSM BMP Inventory Table below.

PCSM BMP Inventory Table

Table 1. To complete the information needed for MCM #5, BMP #3, list all existing structural BMPs that discharge stormwater to the permittee's MS4 that were installed to satisfy PCSM requirements for earth disturbance activities under Chapter 102, and provide the requested information.

Note: Any BMP data entered/uploaded will be prepopulated in the next reporting year.

You may enter your BMPs manually or upload them using our template.

BMP No.	BMP Name	Date Installed	Date of Latest Inspection	Satisfactory	Active	Latitude	Longitude	Drain Area
-1	Infiltration Practices	07/05/2021		✓	Yes	40.60861	-80.2836	0.83
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
Boos Development Group, 410 Park Place Blvd., Suite 100, Clearwater, FL 33759		annual inspection and maintenance/cleaning as necessary				Stormwater Inlets and Underground Filtration Vault		
2	Dry Detention Basin	04/01/2021		✓	Yes	40.61467	-80.2500	1.85

2. Has proper O&M occurred during the reporting period for all PCSM BMPs?

Yes

3. If **No** to #2, explain what action(s) the permittee has taken or plans to take to ensure proper O&M.

(If you are relying on PA's statewide program for stormwater associated with construction activities, you may skip to MCM #6, otherwise complete all questions for BMPs #4 - #6 in this section.)

BMP #4: Require the implementation of a combination of structural and/or non-structural BMPs that are appropriate to the local community, that minimize water quality impacts, and that are designed to maintain pre-development runoff conditions.

1. Specify the number of PCSM Plans reviewed during the reporting period for projects disturbing greater than or equal to one acre (including projects less than one acre that are part of a larger common plan of development or sale).

Not Applicable

2. Has a tracking system been established and maintained to record qualifying projects and their associated BMPs?

Not Applicable

~~BMP #5: Ensure that controls are installed that shall prevent or minimize water quality impacts. The permittee shall inspect all~~

MCM #6 - Pollution Prevention / Good Housekeeping Module

BMP #1: Identify and document all operations that are owned or operated by the permittee and have the potential for generating pollution in stormwater runoff to the MS4. This includes activities conducted by contractors for the permittee.

1. Have you identified all facilities and activities owned and operated by the permittee that have the potential to generate stormwater runoff into the MS4?

Yes

2. When was the inventory last reviewed?

06/04/2024

3. When was it last updated?

06/04/2024

BMP #2: Develop, implement and maintain a written O&M program for all operations that could contribute to the discharge of pollutants from the MS4, as identified under BMP #1. This program shall address stormwater collection or conveyance systems within the regulated MS4.

1. Have you developed a written O&M program for the operations identified in BMP #1?

Yes

2. Date of last review or update to written O&M program: 01/15/2024

BMP #3: Develop and implement an employee training program that addresses appropriate topics to further the goal of preventing or reducing the discharge of pollutants from operations to the regulated small MS4. All relevant employees and contractors shall receive training.

1. Have you developed an employee training program? Yes

2. Date of last review or update to training program: 01/15/2024

Date of latest training: 03/01/2024

3. Training topics covered:

General housekeeping by City employees; material handling; stormwater BMP O&M; roadway and inlet maintenance effects on stormwater; recycling and leaf collections in the City; use of fertilizer, herbicides and pesticides and the affects.

4. Name(s) of training presenter(s):

Reddick, Lawrence -Superintendent

5. Names of training attendees:

Bazmore, Jordan Clark, Willie Dorsey, Earl Jackson, Travis Walker, Domonique Williams, Ahjani

MCM #6 Comments:

MCM #6 Attachments:

File Name	Document Type	Short Description
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Appendix Selection

Review and select the appropriate appendices below. If none of the appendices apply, select None.

Appendix A

Appendix B

Appendix C

Appendix D

Appendix E

Appendix F

None

Reviewer Comment(s) & User Response(s)

Reviewer/User Name	Date Added	Comment/Response
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No data available in table

Certification

1 Login to GreenPort and go to launch the MS4 Annual Reporting System.

2 Review this MS4 Report.

3 Sign the Report.

After the report is signed by all responsible officials, you will be able to submit the report.

For PAG-13 Permittees: I have read the latest PAG-13 General Permit issued by DEP and agree and certify that (1) the permittee continues to be eligible for coverage under the PAG-13 General Permit and (2) the permittee will continue to comply with the conditions of that permit, including any modifications thereto. I understand that if I do not agree to the terms and conditions of the PAG-13 General Permit, I will apply for an individual permit within 90 days of publication of the General Permit. I also acknowledge that any facility construction needed to

comply with the General Permit requirements shall be designed, built, operated, and maintained in accordance with operative laws and regulations.

For All Permittees: I certify under penalty of law that this report was 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. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

ALIQUIPPA CITY BEAVER CNTY - Signature

Name of Responsible Official:

SAMUEL GILL

Telephone No.:

7243751188

Signature:



Document Signed

Date Signed:

09/19/2024 12:06 PM