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DALLAS AREA MUNICIPAL AUTHORITY

DALLAS TOWNSHIP

ANNUAL MUNICIPAL SEPARATE STORM SEWER SYSTEM STATUS REPORT

FOR THE PERIOD OF: JULY 1, 2020 TO JUNE 30, 2021

SUBMITTED TO PADEP ON: 9/24/2021

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

ANNUAL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) STATUS REPORT

FOR THE PERIOD July 1, 2020 TO JUNE 30, 2021

GENERAL INFORMATION			
Permittee Name:	Dallas Township	NPDES Permit No.:	PAG132323
Mailing Address:	105 Lt. Michael Cleary Drive	Effective Date:	July 31, 2019
City, State, Zip:	Dallas, PA 18612	Expiration Date:	March 15, 2023
MS4 Contact Person:	Martin Barry	Renewal Due Date:	September 15, 2022
Title:	Township Manager	Municipality:	Dallas Township
Phone:	570-674-2000	County:	Luzerne
Email:	mbarry@dallastwp.org		

Co-Permittees (if applicable): n/a

Appendix(ces) that permittee is subject to (select all that apply):

☐ Appendix A ☐ Appendix B ☐ Appendix C ☒ Appendix D ☐ Appendix E ☐ Appendix F

WATER QUALITY INFORMATION

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

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

Receiving Water Name	Ch. 93 Class.	Impaired?	Cause(s)	TMDL?	WLA?
Toby Creek	CWF ,MF	no	n/a	no	no
Huntsville Creek	CWF, MF	no	n/a	no	no
Trout Brook	CWF, MF	no	n/a	no	no
n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a

GENERAL MINIMUM CONTROL MEASURE (MCM) INFORMATION

Have you completed all MCM activities required by the permit for this reporting period? ☒ Yes ☐ No

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

MCM	Entity Responsible	Contact Name	Phone
#1 Public Education and Outreach on Storm Water Impacts	Dallas Area Mun. Auth.	Tom Mayka	570-696-1133
#2 Public Involvement/Participation	Dallas Area Mun. Auth.	Tom Mayka	570-696-1133
#3 Illicit Discharge Detection and Elimination (IDD&E)	Dallas Area Mun. Auth. / Dallas Twp.	Tom Mayka / Martin Barry	570-696-1133 / 570-674-2006
#4 Construction Site Storm Water Runoff Control	Dallas Twp. / Luz. Cons. Dist.	Martin Barry / Josh Longmore	570-674-2006 / 570-674-7991
#5 Post-Construction Storm Water Management in New Development and Redevelopment	Dallas Area Mun. Auth. / Dallas Twp.	Tom Mayka / Martin Barry	570-696-1133 / 570-674-2006
#6 Pollution Prevention / Good Housekeeping	Dallas Area Mun. Auth. / Dallas Twp.	Tom Mayka / Martin Barry	570-696-1133 / 570-674-2006

MCM #1 – PUBLIC EDUCATION AND OUTREACH ON STORM WATER IMPACTS

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?

   ☐ Yes ☐ No

2. Date of latest annual review of PEOP: 2/01/2021 Were updates made? ☒ Yes ☐ No

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

   The goal of the PEOP for the reporting period was to reach the target audience with educational materials such as brochures, yard signs, and outreach through public participation in public meetings.

4. Did the MS4 achieve its goal(s) for the PEOP during the reporting period? ☒ Yes ☐ No

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

   A specific goal for the PEOP for the upcoming year is to diversify the education materials that have become dated. Educational material will be added to the quarterly bill mailing performed by the Dallas Area Municipal Authority.

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?

   ☐ Yes ☐ No

2. Date of latest annual review of target audience lists: 2/01/2021 Were updates made? ☐ Yes ☒ 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?

   ☐ Yes ☐ No

2. Date of latest annual review of educational materials: 2/01/2021 Were updates made? ☐ Yes ☒ No

3. Do you have a municipal website? ☒ Yes ☐ No (URL: dallastwp.ord & damaonline.org)

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

4. Describe any other method(s) used during the reporting period to provide information on stormwater to the public:
Continued updates to Dallas Township and Dallas Area Municipal Authority websites.

5. Identify specific plans for the publication of stormwater materials for the upcoming year:
Inclusion of educational materials with Dallas Area Municipal Authority quarterly billing.

BMP #4: Distribute stormwater educational materials to the target audiences.

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).

"What Goes Around Comes Around" Brochure, drain stencils.

MCM #1 Comments:

n/a

MCM #2 – PUBLIC INVOLVEMENT/PARTICIPATION

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?

☐ Yes ☐ No

2. Date of latest annual review of PIPP: 2/01/2021 Were updates made? ☒ Yes ☐ 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? ☐ Yes ☒ No

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

n/a

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
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

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 ☐ No If Yes, Date of Meeting or Event: 6/18/2021

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.

   No presentations made due to COVID-19.

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.

Birdhouse project with local Boy Scout Troop. Installed 10 bird house in select stormwater management facilities.

MCM #2 Comments:

n/a

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?

   ☐ Yes ☐ No

2. Date of latest annual review of IDD&E program: 2/1/2021 Were updates made? ☒ Yes ☐ 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? ☒ Yes ☐ 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: n/a

2. Date of last update or revision to map(s): 6/29/2021

3. Total No. of Outfalls in MS4: 67 Total No. of Outfalls Mapped: 67

4. Total No. of Observation Points: 0 Total No. of Observation Points Mapped: 0

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?

   ☒ Yes ☐ 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? ☒ Yes ☐ 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: n/a

2. If Yes to #1, is the map(s) on the same map(s) as for outfalls and receiving waters? ☒ Yes ☐ No

3. Date of last update or revision to map(s): 8/1/2021

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 screen 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? 13

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: 30%

4. Did any dry weather flows reveal color, turbidity, sheen, odor, floating or submerged solids? ☐ Yes ☒ 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) provided in the permit?

   ☒ Yes ☐ No

   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 ☐ No

   If Yes, indicate the date of the ordinance or SOP: 2/15/2011

2. If Yes to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100j) with respect to authorized non-stormwater discharges? ☐ Yes ☒ No

   If Yes to #2 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? ☐ Yes ☒ No

If Yes to #3, complete the table below (attach additional sheets as necessary).

Violation Date	Nature of Violation	Responsible Party	Enforcement Taken
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a

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? ☒ Yes ☐ No

If Yes to #4, identify the entity that received the waiver or variance and the type of non-stormwater discharge approved.

Various residences within Dallas Township allowed to discharge rain leader directly to street or storm sewers.

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 ☐ No

If Yes, what was distributed? Dallas Towsnhip IDD&E Program. Also contained on Township web site.

2. Is there a well-publicized method for employees, businesses and the public to report stormwater pollution incidents?

☒ Yes ☐ No

3. Do you maintain documentation of all responses, action taken, and the time required to take action? ☒ Yes ☐ No

MCM #3 Comments:

Stormwater Pollution reporting hotline administered by Dallas Area Municipal Authority. The contact information was published via brochure and is on Dallas Area Municipal Authority Website. (570) 696-1133 ext. 314 www.damaonline.org

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 ☐ No

(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: The permittee may not issue a building or other permit or final approval to those proposing or conducting earth disturbance activities requiring an NPDES permit unless the party proposing the earth disturbance has valid NPDES Permit coverage (i.e., not expired) under 25 Pa. Code Chapter 102.

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)?

☒ Yes ☐ No ☐ Not Applicable (no building permit applications received)

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)?

☒ Yes ☐ No ☐ Not Applicable (no building permit applications received)

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 ☐ No

   If Yes, indicate the date of the ordinance or SOP: Dallas Township Subdivision & Land Development Ordinance 7-3-2007 with amendments

2. If Yes to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100j)? ☐ Yes ☒ No

3. If Yes to #2 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: n/a

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: n/a

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: n/a

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:

n/a

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. ☐ Yes ☒ No

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

MCM #4 Comments:

n/a

MCM #5 – POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

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 ☐ No

   If Yes, indicate the date of the ordinance or SOP: Dallas Township Subdivision & Land Development Ordinance 7-3-2007 with amendments

2. If Yes to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100j)? ☐ Yes ☒ No

3. If Yes to #2 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 ☐ No

   If Yes, indicate the date of the ordinance or SOP: Dallas Township Subdivision & Land Development Ordinance 7-3-2007 with amendments

2. If Yes to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100j)? ☐ Yes ☒ No

3. If Yes to #2 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 ☐ No

   If Yes to #1, complete Table 1 on the next page.

2. Has proper O&M occurred during the reporting period for all PCSM BMPs? ☐ Yes ☒ No

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

   Inspections of PCSM BMP's revealed maintenance deficiencies at a number of sites. A report is generated that indicates the deficiencies which is forwarded to the parties responsible for maintenance.

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): n/a

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

☐ Yes ☐ No

PCSM BMP INVENTORY

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 (see instructions).

BMP No.	BMP Name	DA (ac)	Entity Responsible for O&M	Latitude	Longitude	Date Installed	O&M Requirements	NPDES Permit No.
1	See attached list of PCSM BMP's for Dallas Twp.			° ' "	° ' "			
2				° ' "	° ' "			
3				° ' "	° ' "			
4				° ' "	° ' "			
5				° ' "	° ' "			
6				° ' "	° ' "			
7				° ' "	° ' "			
8				° ' "	° ' "			
9				° ' "	° ' "			
10				° ' "	° ' "			
11				° ' "	° ' "			
12				° ' "	° ' "			
13				° ' "	° ' "			
14				° ' "	° ' "			
15				° ' "	° ' "			
16				° ' "	° ' "			

BMP #5: Ensure that controls are installed that shall prevent or minimize water quality impacts. The permittee shall inspect all qualifying development or redevelopment projects during the construction phase to ensure proper installation of the approved structural PCSM BMPs. A tracking system (e.g., database, spreadsheet, or written list) shall be implemented to track the inspections conducted and to track the results of the inspections (e.g., BMPs were, or were not, installed properly).

1. During the reporting period have you inspected all qualifying development and redevelopment projects during the construction phase to ensure proper installation of approved structural BMPs?

   ☐ Yes ☐ No ☐ Not Applicable (no qualifying projects during reporting period)

2. Has a tracking system been established and maintained to record results of inspections?

   ☐ Yes ☐ No

BMP #6: Develop a written procedure that describes how the permittee shall address all required components of this MCM.

Have you developed a written plan that addresses: 1) minimum requirements for use of structural and/or non-structural BMPs in plans for development and redevelopment; 2) criteria for selecting and standards for sizing stormwater BMPs; and 3) implementation of an inspection program to ensure that BMPs are properly installed? ☒ Yes ☐ No

MCM #5 Comments:

BMP #6 -- The use of BMP's including sizing, design, maintenance, etc. is dictated by the Dallas Township Subdivision & Land Development Ordinance including the PA BMP Stormwater Manual and Luzerne County Stormwater Management Ordinance. The design and applicability of the BMP's are reviewed on a case-by-case basis by the Township Engineer, Luzerne Conservation District, and PA DEP through the NPDES Permitting Process.

MCM #6 – POLLUTION PREVENTION / GOOD HOUSEKEEPING

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 permitee that have the potential to generate stormwater runoff into the MS4? ☒ Yes ☐ No

2. When was the inventory last reviewed? 9/01/2021

3. When was it last updated? 9/01/2021

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 ☐ No

2. Date of last review or update to written O&M program: Updated 8/2020

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 ☐ No

2. Date of last review or update to training program: 8/2020 Date of latest training: 8/26/2021

3. Training topics covered:

   Municipal Employee Training for MS4 Compliance.

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

   Dallas Area Municipal Authority.

5. Names of training attendees:

   See attached sign in list.

MCM #6 Comments:

n/a

POLLUTANT CONTROL MEASURES (PCMs)

Indicate the status of implementing PCMs in Appendices A, B and/or C by completing the table below. Skip this section if PCMs are not applicable.

Task	Date Completed	Attached	Anticipated Completion Date
Storm Sewershed Map(s)	n/a	☐	n/a
Source Inventory	n/a	☐	n/a
Investigation of Suspected Sources	n/a	☐	n/a
Ordinance/SOP for Controlling Animal Wastes	n/a	☐	n/a

PCM Comments:

n/a

POLLUTANT REDUCTION PLANS (PRPs) AND TMDL PLANS

1. Complete this section if the development and submission of a PRP and/or TMDL Plan was required as an attachment to the latest NOI or application or was required by the permit, regardless of whether DEP has approved the plan(s).

Type of Plan	Submission Date	DEP Approval Date	Surface Waters Addressed by Plan
☒ Chesapeake Bay PRP (Appendix D)	9/16/2017	??	Chesapeake Bay
☐ Impaired Waters PRP (Appendix E)	n/a	n/a	n/a
☐ TMDL Plan (Appendix F)	n/a	n/a	n/a
☐ Combined Chesapeake Bay / Impaired Waters PRP	n/a	n/a	Chesapeake Bay, n/a
☐ Combined PRP / TMDL Plan	n/a	n/a	n/a

☒ Joint Plan *(if checked, list the name of the MS4 group or names of all entities participating in the joint plan below)*

Joint Plan Participants: Dallas Borough, Dallas Township, Kingston Township

2. Identify the pollutants of concern and pollutant load reduction requirements under the permit (see instructions).

Type of Plan	TSS Load Reduction (lbs/yr)	TP Load Reduction (lbs/yr)	TN Load Reduction (lbs/yr)
☒ Chesapeake Bay PRP (Appendix D)	126,270	6,313	3,788
☐ Impaired Waters PRP (Appendix E)	n/a	n/a	n/a
☐ TMDL Plan (Appendix F)	n/a	n/a	n/a
☐ Combined Chesapeake Bay / Impaired Waters PRP	n/a	n/a	n/a
☐ Combined PRP / TMDL Plan	n/a	n/a	n/a

3. Date Final Report Demonstrating Achievement of Pollutant Load Reductions Due: 3/15/2023

4. Have any modifications to the plan(s) occurred since DEP approval? ☐ Yes ☒ No

   If Yes to #4, was the updated plan(s) submitted to DEP? ☐ Yes ☐ No

   If Yes to #4, did you comply with the public participation requirements of the applicable appendix? ☐ Yes ☐ No

   If Yes to #4, describe the plan modifications.

   n/a

5. Summary of progress achieved during reporting period.

   --Evaluation & design of 11 BMP projects.
   --Completion of BMP Project in the Dallas Township Southside Nature Park project.
   --Completion of BMP Project at the Dallas Township DPW Campus in conjunction with the construction of a new salt storage building.

6. Anticipated activities for next reporting period.

   --Evaluation & design of 25 BMP projects within Dallas Township in conjunction with the Dallas Area Municipal Authority.

PRP/TMDL Plan Comments:

n/a

NEW BMPs FOR PRP/TMDL PLAN IMPLEMENTATION

Table 2. List all new structural BMPs installed and ongoing non-structural BMPs implemented during the reporting period that are being used toward achieving load reductions in the permittee's PRP and/or TMDL Plan (see instructions).

BMP No.	BMP Name	DA (ac)	% Imp.	BMP Extent	Units	Latitude	Longitude	Date Installed or Implemented	Planning Area?	Ch. 102?	Annual Sediment Load Reduction (lbs/yr)
n/a	n/a	n/a		n/a	n/a	° ' "	° ' "	n/a	☐	☐	n/a
n/a	n/a	n/a		n/a	n/a	° ' "	° ' "	n/a	☐	☐	n/a
n/a	n/a	n/a		n/a	n/a	° ' "	° ' "	n/a	☐	☐	n/a
n/a	n/a	n/a		n/a	n/a	° ' "	° ' "	n/a	☐	☐	n/a
n/a	n/a	n/a		n/a	n/a	° ' "	° ' "	n/a	☐	☐	n/a

BMP INVENTORY FOR PRP/TMDL PLAN IMPLEMENTATION

Table 3. List all existing structural BMPs that have been installed in prior reporting periods and are eligible to use toward achieving load reductions in the permittee's PRP and/or TMDL Plan (see instructions).

BMP No.	BMP Name	DA (ac)	% Imp.	BMP Extent	Units	Latitude	Longitude	Date Installed	Annual Sediment Load Reduction (lbs/yr)	Date of Latest Inspect -ion	Satis-factory?
	See attached list from CBPRP					° ' "	° ' "				☐
						° ' "	° ' "				☐
						° ' "	° ' "				☐
						° ' "	° ' "				☐
						° ' "	° ' "				☐

						° ' "	° ' "				☐

CERTIFICATION

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).

Martin Barry	
Name of Responsible Official	Signature
570-674-2000	9/20/2021
Telephone No.	Date

TABLE 1		PCSM BMP INVENTORY (DALLAS TOWNSHIP 2021 ANNUAL MS4 REPORT)						
BMP No.	BMP Name	DA (ac)	O&M Responsibility	Latitude	Longitude	Date Installed	O&M Requirements	NPDES Permit No.
B1	Dry detention basin for Masonic Village	unknown	Owner	41.3578	-75.9757	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B2	Extended dry detention basin for Irem Pavilion	unknown	Owner	41.3580	-75.9717	AFTER 2006	Vegetation, Fencing, Sediment Removal	PAG2004007046
B3	Extended dry detention basin for Misericordia Track	unknown	Owner	41.3499	-75.9737	AFTER 2006	Vegetation, Fencing, Sediment Removal	PAI1202537
B4	Extended dry detention basin for Misericordia Track	unknown	Owner	41.3496	-75.9743	AFTER 2006	Vegetation, Fencing, Sediment Removal	PAI1202537
B5	Extended dry detention basin for Misericordia Baseball Field	unknown	Owner	41.3478	-75.9709	AFTER 2006	Vegetation, Fencing, Sediment Removal	PAI1202537
B6	Dry detention basin for Misericordia	unknown	Owner	41.3471	-75.9715	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAI1202537
B7	Dry detention basin for Misericordia Tennis Courts	unknown	Owner	41.3466	-75.9756	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAI1202537
B8	Dry detention basin for Misericordia along Lake St	unknown	Owner	41.3425	-75.9707	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAI1202537
B9	Dry detention basin for Misericordia	unknown	Owner	41.3452	-75.9686	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAI1202537
B10	Dry detention basin for Payne Printery	unknown	Owner	41.3417	-75.9754	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B11	Wet Ponds for the Meadows Center	unknown	Owner	41.3409	-75.9685	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B12	Wet Ponds for the Meadows Center	unknown	Owner	41.3407	-75.9702	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B13	Dry detention basin for Country Club Shopping Center	unknown	Owner	41.3466	-75.9597	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A

B16	Dry detention basin for St. Paul's Lutheran Church	unknown	Owner	41.3412	-75.9955	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B17	Extended dry detention basin for Steve Shannon Tire & Auto	unknown	Owner	41.3424	-75.9949	AFTER 2006	Vegetation, Fencing, Sediment Removal	N/A
B18	Dry detention basin for Dollar General	unknown	Owner	41.3421	-75.9941	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B19	Dry detention basin for Luzerne Bank	unknown	Owner	41.3421	-75.9930	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B20	Extended dry detention basin for Turkey Hill Mini Market	unknown	Owner	41.3426	-75.9929	AFTER 2006	Vegetation, Fencing, Sediment Removal	PAG02004012033
B21	Dry detention basin for Yalick Farms	unknown	Owner	41.3404	-75.9876	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004005043
B22	Dry detention basin for Yalick Farms	unknown	Owner	41.3389	-75.9891	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004005043
B23	Wet Pond for Overbrook Farms	unknown	Owner	41.3204	-75.9545	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAR10R254
B24	Dry detention basin for Overbrook Farms	unknown	Owner	41.3203	-75.9516	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAR10R254
B25	Dry detention basin for Overbrook Farms	unknown	Owner	41.3210	-75.9523	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAR10R254
B26	Dry detention basin for A&A Auto	unknown	Owner	41.3276	-75.9471	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B28	Extended dry detention basin for DSD Baseball Field	unknown	Owner	41.3430	-75.9502	AFTER 2006	Vegetation, Fencing, Sediment Removal	PAG02004014021
B29_B30	Dry detention basins (2) for Saddle Ridge	unknown	Owner	41.3394	-75.9270	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG02004011021
B33	Dry detention basin for Ondish Hills	unknown	Owner	41.3335	-75.9395	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004003011
B34	Dry detention basin for Ondish Hills	unknown	Owner	41.3350	-75.9349	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004003011

B35	Dry detention basin for Ondish Hills	unknown	Owner	41.3328	-75.9389	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004003 011
B36	Wet Pond for Frontier Communications	unknown	Owner	41.3591	-75.9660	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B37	Underground dry detention for Applewood Manor	unknown	Owner	41.3709	-75.9417	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B38	Dry detention basin for Country Club Shopping Center	unknown	Owner	41.3474	-75.9594	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B39	Dry detention basin for CH Waltz	unknown	Owner	41.3453	-75.9618	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004006 015
B40	Dry detention basin for Dallas Fire & Ambulance	unknown	Owner	41.3441	-75.9619	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B41	Dry detention basin for Masonic Village	unknown	Owner	41.3523	-75.9735	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004007 046
B42	Dry detention basin for Masonic Village	unknown	Owner	41.3525	-75.9741	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004007 046
B43	Dry detention basin for Masonic Village	unknown	Owner	41.3528	-75.9744	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004007 046
B44	Dry detention basin for Masonic Village	unknown	Owner	41.3532	-75.9737	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004007 046
B45	Dry detention basin for Masonic Village	unknown	Owner	41.3536	-75.9729	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004007 046
B46	Underground dry detention basin for Coates Reprographics	unknown	Owner	41.3521	-75.9749	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B47	Dry detention basin for Misericordia parking lot	unknown	Owner	41.3475	-75.9703	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004007 018
B48	Dry detention basin for Sisters of Mercy parking lot	unknown	Owner	41.3415	-75.9679	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B49	Dry detention basin for Sisters of Mercy parking lot	unknown	Owner	41.3403	-75.9680	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A

B50	Dry detention basin for Village at Greenbriar	unknown	Owner	41.3420	-76.0035	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004003013
B51	Dry detention basin for St. Paul's Lutheran Church	unknown	Owner	41.3407	-75.9980	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B52	Wet Ponds for Newberry Estates	unknown	Owner	41.3265	-75.9560	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B53	Wet Ponds for Newberry Estates	unknown	Owner	41.3262	-75.9530	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B54	Wet Ponds for Newberry Estates	unknown	Owner	41.3261	-75.9519	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B55	Underground dry detention basin for Connors	unknown	Owner	41.3279	-75.9468	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B56	Dry detention basin for Parker Self Storage	unknown	Owner	41.3308	-75.9430	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B57	Extended dry detention basin for Dorchester Development	unknown	Owner	41.3307	-75.9493	AFTER 2006	Vegetation, Fencing, Sediment Removal	PAG02004009022
B59	Extended dry detention basin for Dorchester Development	unknown	Owner	41.3315	-75.9489	AFTER 2006	Vegetation, Fencing, Sediment Removal	PAG02004009022
B60	Extended dry detetnion basin for Pulverman	unknown	Owner	41.3355	-75.9417	AFTER 2006	Vegetation, Fencing, Sediment Removal	PAG02004014041
B61	Dry detention basin for Maplewood Heights	unknown	Owner	41.3337	-75.9339	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAC400042
B81	Extended dry detention basin for DSD High School	unknown	Owner	41.3383	-75.9506	AFTER 2006	Vegetation, Fencing, Sediment Removal	PAG2004008035
B83	Dry detention basin for Yalick Farms	unknown	Owner	41.3416	-75.9869	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG02004014014
B84	Beaumont Inn	unknown	Owner	41.3889	-75.9819	AFTER 2006	Vegetation, Fencing, Sediment Removal	PAI1216977
B85	Dallas Twp Salt Shed basin	.20 acres	Owner	41.3483	-75.9597	2021	Vegetation, Sediment Removal	N/A
B86	Dallas Twp Southside Park Basin	6.10 acres	Owner	41.3381	-75.9600	2021	Vegetation, Fencing, Sediment Removal	N/A

Table 3 BMP INVENTORY FOR PRP/TMDL PLAN IMPLEMENTATION (DALLAS TOWNSHIP 2021 ANNUAL REPORT)

							Pollutant Reduction Claculation			
BMP ID	Detailed Description	Era Designed	Latitude	Longitude	Impervious Area(Ac)	Pervious Area(Ac)	TSS Impervious Loading Rate (lb/Ac/yr)	TSS Pervious Loading Rate (lb/Ac/yr)	BMP Effectiveness	Annual Load Captured (lb/yr)
B1	Dry detention basin for Masonic Village	BEFORE 2006	41.357752	-75.975702	0.59	0.74	1648.22	221.19	0.1	113.29
B2	Extended dry detention basin for Irem Pavilion	AFTER 2006	41.357961	-75.971727	0.57	0.89	1648.22	221.19	0.6	681.41
B3_B4	Extended dry detention basins(2) for Misericordia Track	AFTER 2006	41.349945 41.349551	-75.973699 -75.974297	2.05	6.34	1648.22	221.19	0.6	2870.12
B5	Extended drydetention basin for Misericordia Baseball Field	AFTER 2006	41.347836	-75.970862	0	1.11	1648.22	221.19	0.6	147.29
B6	Dry detentionbasin for Misericordia	BEFORE 2006	41.347121	-75.971532	1.04	1.05	1648.22	221.19	0.1	194.23

B7	Dry detentionbasin for Misericordia Tennis Courts	BEFORE 2006	41.346645	-75.975603	4.27	2.21	1648.22	221.19	0.1	751.94
B8	Dry detention basin for Misericordia along Lake St	BEFORE 2006	41.342486	-75.970723	5.84	12.61	1648.22	221.19	0.1	1241.32
B9	Dry detention basin for Misericordia	BEFORE 2006	41.345169	-75.968582	1.18	0.64	1648.22	221.19	0.1	209.36
B10	Dry detention basin for Payne Printery	BEFORE 2006	41.341652	-75.975368	2.69	5.74	1648.22	221.19	0.1	571.02
B11_B12	Wet Ponds for the Meadows Center	BEFORE 2006	41.340871 41.34073	-75.968469 -75.970232	6.21	15.3	1648.22	221.19	0.6	8171.45
B13	Dry detention basin for Country Club Shopping Center	BEFORE 2006	41.346552	-75.959739	3.51	1.39	1648.22	221.19	0.1	609.26
B16	Dry detention basin for St.Paul's Lutheran Church	BEFORE 2006	41.34117	-75.995471	0.66	1.75	1648.22	221.19	0.1	146.78

B17	Extended dry detention basin for Steve Shannon Tire & Auto	AFTER 2006	41.342397	-75.994937	0.87	0.67	1648.22	221.19	0.6	951.26
B18	Dry detentionbasin for Dollar General	BEFORE 2006	41.342131	-75.994051	0.99	0.21	1648.22	221.19	0.1	167.34
B19	Dry detention basin for Luzerne Bank	BEFORE 2006	41.342128	-75.993012	0.87	0.55	1648.22	221.19	0.1	155.29
B20	Extended dry detention basin for Turkey Hill Mini Market	AFTER2006	41.342635	-75.992874	0.48	1.52	1648.22	221.19	0.6	680.73
B21	Dry detention basin for YalickFarms	BEFORE 2006	41.340405	-75.987649	6.32	13.12	1648.22	221.19	0.1	1331.13
B22	Dry detention basin for Yalick Farms	BEFORE 2006	41.33886	-75.989053	2.61	4.35	1648.22	221.19	0.1	525.97
B23	Wet Pond for Overbrook Farms	BEFORE 2006	41.320399	-75.95446	8.17	86.15	1648.22	221.19	0.6	19514.47

B24	Dry detention basin for Overbrook Farms	BEFORE 2006	41.320267	-75.951648	1.74	19.79	1648.22	221.19	0.1	724.11
B25	Dry detention basin for Overbrook Farms	BEFORE 2006	41.320984	-75.952313	0.21	2.15	1648.22	221.19	0.1	82.14
B26	Dry detention basin for A&A Auto	BEFORE 2006	41.327584	-75.947135	2.51	7.56	1648.22	221.19	0.1	580.33
B27	Dry detentionbasin behind Monroe Muffler Brake	BEFORE 2006	41.333231	-75.954557	2.41	6.15	1648.22	221.19	0.1	532.95
B28	Extended dry detention basin for DSD Baseball Field	AFTER2006	41.342955	-75.950188	9.99	4.53	1648.22	221.19	0.6	10479.18
B29_B30	Dry detention basins (2) for Saddle Ridge	BEFORE 2006	41.339425	-75.927015	5.33	20.57	1648.22	221.19	0.1	1333.01
B33	Dry detention basin for Ondish Hills	BEFORE 2006	41.333544	-75.939487	4.04	7.64	1648.22	221.19	0.1	835.71
B34	Dry detention basin for Ondish Hills	BEFORE 2006	41.334959	-75.934884	1.01	0.48	1648.22	221.19	0.1	177.55

B35	Dry detention basin for Ondish Hills	BEFORE 2006	41.332832	-75.938869	0.04	0.92	1648.22	221.19	0.1	27.44
B36	Wet Pond for Frontier Communications	BEFORE 2006	41.359071	-75.965986	12.1	7.39	1648.22	221.19	0.6	12947.86
B37	Underground dry detention for Applewood Manor	BEFORE 2006	41.370871	-75.941714	2.32	4.85	1648.22	221.19	0.1	489.29
B38	Dry detention basin for Country Club Shopping Center	BEFORE 2006	41.347439	-75.959422	0.35	0.03	1648.22	221.19	0.1	57.76
B39	Dry detention basin for CH Waltz	BEFORE 2006	41.34534	-75.961846	0.83	0.35	1648.22	221.19	0.1	144.76
B40	Dry detention basin for Dallas Fire & Ambulance	BEFORE 2006	41.344083	-75.961877	0.54	0.08	1648.22	221.19	0.1	90.09
B41_B42_B43_B44_B45	Dry detention basins (5) for Masonic Village	BEFORE 2006	41.3523	-75.973454	4.59	5.42	1648.22	221.19	0.1	876.28
			41.3525	-75.974108						
			41.352799	-75.97436						
			41.353177	-75.973711						
			41.353645	-75.972851						

B46	Underground dry detention basin for Coates Reprographics	BEFORE 2006	41.35214	-75.97486	1.39	0.27	1648.22	221.19	0.1	235.31
B47	Dry detention basin for Misericordia parking lot	BEFORE 2006	41.347476	-75.970295	1.7	0.65	1648.22	221.19	0.1	293.91
B48	Dry detention basin for Sistersof Mercy parking lot	BEFORE 2006	41.341473	-75.967902	0.22	0.09	1648.22	221.19	0.1	38.69
B49	Dry detention basin for Sisters of Mercy parking lot	BEFORE 2006	41.340287	-75.968049	0.23	0.15	1648.22	221.19	0.1	41.43
B50	Dry detention basin for Village at Greenbriar	BEFORE 2006	41.341989	-76.003488	1.98	1.44	1648.22	221.19	0.1	358.51
B51	Dry detention basin for St. Paul's Lutheran Church	BEFORE 2006	41.340748	-75.997998	1.38	0.8	1648.22	221.19	0.1	246.01
			41.326541	-75.956046						
B52_B53_B54	Wet Ponds for Newberry Estates	BEFORE 2006	41.326237	-75.953025	50.99	159.51	1648.22	221.19	0.6	71593.45
			41.326148	-75.951897						

B55	Underground dry detention basin for Connors	BEFORE 2006	41.327919	-75.946752	0.45	0.01	1648.22	221.19	0.1	74.38
B56	Dry detention basin for Parker Self Storage	BEFORE 2006	41.33077	-75.943041	1.32	0.04	1648.22	221.19	0.1	217.63
B57_B58_B59	Extended dry detention basins(3) for Dorchester Development and Geisinger Medical Facility	AFTER2006	41.330712 41.33168 41.331527	-75.9493 -75.949985 -75.948897	5.6	2.47	1648.22	221.19	0.6	5863.59
B60	Extended dry detention basinfor Pulverman	AFTER2006	41.335522	-75.941696	1.38	1.65	1648.22	221.19	0.6	1579.2
B61	Dry detention basin for Maplewood Heights	BEFORE 2006	41.333731	-75.933949	3.03	10.29	1648.22	221.19	0.1	727.2
B62	Dry detention basin for Ondish Rd Subdivision	BEFORE 2006	41.334246	-75.928256	1.08	2.12	1648.22	221.19	0.1	225.51

B85	Dallas Twp Salt Shed basin	2021	41.3483	-75.9597	0.2000	0.2	1648.22	221.19	0.6
B86	Dallas Twp Southside Park Basin	2021	41.3381	-75.9600	6.1000	6.1	1648.22	221.19	0.6

MCM #1 BACK-UP DOCUMENTS

DID YOU KNOW?

Sediment is the #1 source of pollution in our waterways!

What Is Stormwater Runoff?

Stormwater comes from precipitation and melting snow. While much of this water is absorbed into the ground in a natural environment, this is not always the case in developed areas. In a major storm event, excess runoff flows across the land and into waterways. Land use, steep slopes and paved areas all affect the quality of this stormwater runoff.

Why Is Stormwater Runoff A Problem?

Stormwater runoff can impact our homes and communities. During heavy rainfall events, flooding and erosion can occur. Stormwater also contributes to the pollution in our waterways. As rain falls, it picks up various contaminants along its path. Pet waste, litter, motor fluids, fertilizers, and soil are just some examples of the pollutants that enter our waterways through stormwater.

What You Can Do!

Landscaping Solutions That Help Reduce Stormwater Runoff

Rain Barrels

Image Credit:
Elizabeth Rosser | Extension Educator

Rain barrels are usually the size of 55 gallon drums and are repurposed to capture stormwater from roofs through a downspout. Water is saved in the barrel for later use in the garden or for slow release. (This water is NOT safe to drink!)

Planting Trees

Trees help slow down stormwater runoff. They work to capture and absorb rainwater, filter out pollutants, and infiltrate water back into the ground.

A single mature oak tree can absorb and evaporate over 40,000 gallons of water through its leaves each year!

Native Plants

An area planted with native grasses/ wildflowers will absorb more water during rain events than a typical lawn with compacted soil and shallow roots.

Image Credit:
Amanda Blaine | MWS Volunteer

Rain Garden

A rain garden is planted in a low-lying area to capture, filter and absorb rainwater. Rain gardens can filter motor oil residue which comes from driveways or capture the rain from your roof!

Simple Ways You Can Keep Stormwater Free of Pollutants

Fertilizers & Pesticides

Read labels correctly and apply the appropriate amount according to the manufacturer's directions. Contact your local Penn State Extension office for assistance. Excessive use of these chemicals can increase pollution in our waterways.

Car Washing

When you wash your car in the driveway, all that grime and detergent enters the stormwater system through storm drains. Instead, wash your car on the lawn or visit a local car wash where the water is recycled after use.

Pet Waste

Pick up after your dog and remove pet waste from your lawn for proper disposal, just as you would in a park.

What Is The Back Mountain Community Partnership?

Formed in 2008, the BMCP is a group of 7 municipalities from the Back Mountain region of Luzerne County, who joined together in an effort to share resources and improve their communities.

Those included in this partnership are: Dallas, Franklin, Jackson, Kingston and Lehman townships; and the boroughs of Dallas and Harveys Lake.

The BMCP is dedicated to environmental sustainability, and one of their goals is to achieve MS4 compliance.

What Is MS4?

A Municipal Separate Storm Sewer System, or MS4, refers to the network of pipes, storm drains and channels within a community that collects and conveys stormwater to a local water source.

Why Manage Stormwater?

Stormwater runoff causes flooding and pollutes local water sources. Under the Clean Water Act, the PA Department of Environmental Protection regulates stormwater management in MS4 communities to minimize these impacts on our watersheds.

pec
pennsylvania environmental council

POCONO FORESTS & WATERS

pennsylvania
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES

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Credits & Resources

The Homeowners Guide to Stormwater

- stormwaterguide.org

Back Mountain Community Partnership Information

- nepa-alliance.org/government/local-government-assistance/

Watershed and Stormwater Information

- extension.psu.edu/natural-resources/water/watershed-education/watersheds-faqs
- extension.psu.edu/water/stormwater-management
- dep.pa.gov
- epa.gov/npdes/integrated-planning-municipal-stormwater-and-wastewater
- chesapeakestormwater.net
- luzernecd.org

Image Credit:
Amanda Blaine | MWS Volunteer

PennState Extension

Master Watershed Steward Program

Everybody Lives Downstream

How You Can Help Protect Your Local Watershed

What is a Watershed?

A watershed is the drainage area for a body of water such as a stream, lake or river system.

Local waterways include: Francis Slocum Lake, Harveys Lake, Hunlock Creek, Toby Creek...and many more!

All of these local water sources empty into the Susquehanna—the largest river to drain entirely into the Chesapeake Bay.

What is Storm Water Runoff?

Storm water runoff is water from rain or snow melt events that flows over the ground. In urban and suburban areas, impervious surfaces such as roads, parking lots, and sidewalks prevent storm water from soaking into the ground. As the storm water runoff flows over that impervious area, it often picks up pollutants such as oil, trash, and nutrient-laden sediments.

Why is Storm Water Runoff a Problem?

As storm water runoff flows over impervious areas, it often collects pollutants from the surfaces it flows over. Sediments, oils, and trash from parking lots and roads are some examples. This polluted runoff can then enter our streams, rivers, lakes, and wetlands.

What You Can Do!

Landscaping Solutions That Help Reduce Storm Water Runoff Pollution

- Don't overwater your lawn
- Use pesticides, herbicides, and fertilizers sparingly
- Compost and mulch yard waste
- Avoid sweeping or blowing leaves, grass clippings, and other debris into the streets to prevent them from entering storm drains

DID YOU KNOW?

Sediment is the #1 source of pollution in our waterways!

The Pennsylvania Department of Environmental Protection labeled approximately 19,000 miles of rivers and streams in Pennsylvania as impaired for water supply, aquatic life, recreation, or fish consumption*. Pollution in storm water including high amounts of sediment is the leading contributor of impairment.

EVERYONE NEEDS CLEAN WATER

DAMAONLINE.ORG

*dep.pa.gov/Business/Water/CleanWater/StormwaterMgmt/Stormwater/pages/default.aspx

Helping to Keep Storm Water Clean

Simple Tips to keep
Storm Water Free of Pollution

Pick Up After Your Pets

Pet waste can be a major source of bacteria and nutrients. Properly pick up and dispose of your pet's waste.

Maintain Your Car

Get your leaky car fixed. Leaking fluids such as oil and coolant easily mix with storm water, polluting our local water bodies.

Dispose of Household Chemicals Properly

Buy only the amount you intend to use. Use, clean-up, and dispose of chemicals according to the manufacturer's directions.

Resources

The Homeowner's Guide to Storm Water
- stormwaterguide.org

Watershed and Storm Water Information
- stormwaterpa.org
- dep.pa.gov/Business/Water/CleanWater/StormwaterMgmt/Stormwater/pages/default.aspx
- https://luzernecd.org/

Wildlife and Environmental Protection Information
- fishandboat.com/Fish/Fisheries/SusquehannaRiverManagement/Pages/SusquehannaRiverImpairment.aspx
- epa.gov/environmental-topics/water-topics
- pecpa.org/

To report any illicit discharges to your local waterway, please call the Illicit Discharge Hotline

570-696-1133 EXT 314

Find Out More About DAMA

Dallas Area Municipal Authority
- damaonline.org

DALLAS AREA
MUNICIPAL AUTHORITY
101 Memorial Highway
Shavertown, PA 18708

(570) 696-1133

What
Goes Around Comes Around

DALLAS AREA MUNICIPAL AUTHORITY

How You Can Help Prevent Pollution in Your Local Storm Water and Watershed

Remember - Everyone Lives Downstream

DALLAS AREA
MUNICIPAL AUTHORITY
101 MEMORIAL HIGHWAY
SHAVERTOWN, PA 18708-9603

PHONE:(570) 696-1133
FAX:(570) 696-2363
WEB: www.Damaonline.org
E-MAIL: office@damaonline.org

COPY

Dallas Area Municipal Authority

Stormwater Educational Literature Distribution

Title of Literature: What Goes Around Comes Around

Quantity of Literature: 100

Location of Distribution: Dallas Township

Date of Distribution: 2/11/21

Received by: CARL M. ALBRA

Received by Signature: CM A

Title of Signer: ZONING + CODE ENF. OFFICER

Comments:

MCM #2 BACK-UP DOCUMENTS

DALLAS AREA
MUNICIPAL AUTHORITY

Bluebirds and Stormwater Management

Stormwater management is increasingly becoming an important issue within our local communities. Every time it rains, that water must go somewhere. It usually flows into our local creeks and waterways.

Along the way it picks up all kinds of pollutants such as trash and sediment. Communities build stormwater ponds and basins to help remove the pollutants before the water gets into our creeks and waterways.

Although the ponds and basins that stormwater flows into are designed in such a way that mosquitoes should not be able to breed in them, there is a still a concern from many in the community that there will be issues with these insects.

Since the diet of bluebirds is mainly made up of insects, it is an easy decision to make to attract bluebirds to help control the population of mosquitoes and other insects that may live in the stormwater ponds.

One way to attract bluebirds is to provide nesting sites for them, or bluebird boxes. The bluebird boxes you build will be installed at DAMA stormwater sites to help control the population of mosquitoes and other insects.

The staff of DAMA appreciates your help with this project and we would like to say Thank You!!!

Thomas Mayka

From: Dawn Dennis <dawndennis413@gmail.com>
Sent: Saturday, June 19, 2021 11:53 AM
To: Tracey; Thomas Mayka
Subject: Re: Bird Houses

Awesome! I'm going to copy the storm water coordinator on this email so he can let us know when he needs them for.

On Fri, Jun 18, 2021, 4:05 PM Tracey <tandjmcg@ptd.net> wrote:

Absolutely! That's would be an excellent service project. Is there a time line they want them done by?

Sent from my iPhone

> On Jun 18, 2021, at 1:05 PM, Dawn Dennis <Dawndennis413@gmail.com> wrote:
>
>
> Hey Ma'am!
>
> The stormwater coordinator at DAMA needs to have 10 pre-cut bird houses put together for the stormwater ponds in the Back Mountain. Would our boys be interested in putting them together? We have the screws and nails and obviously the pre-cut pieces for the bird houses. Please let me know if it is something they would be interested in doing.
>
> Thank you,
> Dawn

MCM #3 BACK-UP DOCUMENTS

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

Pulvermann

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Dallas Township	NPDES Permit No.: PA PAG132323
Date of Inspection: 6/14/21	Outfall ID No.: DT-16
Land Uses in Outfall Drainage Area (Select All):	Latitude: ___° ___' ___" 41.336°N
☑ Industrial ☐ Urban Residential	Longitude: ___° ___' ___" -75.941°W
☐ Commercial ☐ Suburban Residential	Dry Weather Inspection? ☑ Yes ☐ No
☐ Open Space ☐ Other:	Date of Previous Precipitation: 6/11/21 (see attached)
	Amount of Previous Precipitation: 0.05 in
Inspector Name(s): Thomas Mayle / Meghan Eichenauer	Were Photographs Taken? ☑ Yes ☐ No
	Are Photographs Attached? ☑ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☑ Closed Pipe	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☐ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☑ Other ☐ Other	Diameter: ? in	☐ In Water ☐ With Sediment
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: ___ in Top Width: ___ in Bottom Width: ___	

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☑ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☐ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☐ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☐ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☐ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☐ No (If Yes, No. Samples: _____)

FIELD / LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: _____			Oil and Grease		mg/L
Other: _____			Other: _____		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☐ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments: outfall pipe in poor condition

RESPONSIBLE OFFICIAL CERTIFICATION

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 knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Thomas Maglia	Thomas Maglia
Responsible Official Name	Signature
570-696-1133 x309	6/14/21
Telephone No.	Date

DT-16 6/14/21

weather.gov

Weather observations for the past three days

Wilkes-Barre - Scranton, Wilkes-Barre / Scranton International Airport

Enter Your "City, ST" or zip code Go

metric

Date	Time (edt)	Wind (mph)	Vis. (mi.)	Weather	Sky Cond.	Temperature (°F) Air	Dwpt	6 hour Max.	Min.	Relative Humidity	Wind Chill (°F)	Heat Index (°F)	Pressure altimeter (in)	sea level (mb)	Precipitation (in.) 1 hr	3 hr	6 hr
14	06:54	SW 6	10.00	Overcast	BKN022 BKN029 OVC041	68	62			81%	NA	NA	29.82	1008.9			
14	05:54	Vrbl 3	10.00	Overcast	FEW014 BKN025 OVC037	68	62			81%	NA	NA	29.82	1008.8			
14	04:54	Calm	10.00	Overcast	OVC016	69	63			81%	NA	NA	29.82	1008.9			
14	03:54	S 3	10.00	Overcast	OVC017	69	63			81%	NA	NA	29.82	1009.0			
14	02:53	SW 8	10.00	Partly Cloudy	FEW014 SCT022	69	64			84%	NA	NA	29.81	1008.5			
14	01:54	Vrbl 6	10.00	Overcast	OVC015	70	64	73	69	82%	NA	NA	29.83	1009.2			
14	00:54	SW 5	10.00	Fair	CLR	70	64			82%	NA	NA	29.83	1009.2			
13	23:54	SW 6	10.00	A Few Clouds	FEW017 FEW046	69	64			84%	NA	NA	29.86	1010.5			
13	22:54	Calm	10.00	Mostly Cloudy	SCT017 BKN040	70	64			82%	NA	NA	29.88	1010.9			
13	21:54	Vrbl 6	10.00	Fair	CLR	73	64			74%	NA	NA	29.87	1010.5			
13	20:54	Vrbl 6	10.00	Fair	CLR	71	64			79%	NA	NA	29.86	1010.4			
13	19:54	Vrbl 5	10.00	Fair	CLR	72	64	78	72	76%	NA	NA	29.85	1009.9			
13	18:54	Calm	10.00	Fair	CLR	74	64			71%	NA	NA	29.84	1009.6			
13	17:54	S 6	10.00	Fair	CLR	75	64			69%	NA	NA	29.84	1009.9			
13	16:54	SW 6	10.00	Mostly Cloudy	BKN055	77	64			64%	NA	79	29.86	1010.4			
13	15:54	SW 6	10.00	Mostly Cloudy	BKN050	76	64			67%	NA	78	29.88	1011.0			
13	14:54	SW 8	10.00	Mostly Cloudy	BKN023 BKN048	77	65			66%	NA	79	29.89	1011.4			
13	13:54	Vrbl 3	10.00	Mostly Cloudy	SCT022 BKN034 BKN045	74	64	75	66	71%	NA	NA	29.89	1011.6			
13	12:54	SW 6	10.00	Overcast	BKN017 OVC032	71	63			76%	NA	NA	29.91	1012.1			
13	11:54	SW 8	10.00	Overcast	OVC017	71	62			73%	NA	NA	29.92	1012.5			
13	10:54	SW 6	10.00	Overcast	OVC017	70	62			76%	NA	NA	29.92	1012.4			
13	09:54	SW 5	10.00	Overcast	OVC021	68	62			81%	NA	NA	29.92	1012.3			
13	08:54	Calm	10.00	Overcast	OVC014	67	61			81%	NA	NA	29.92	1012.4			

13	07:54	Calm	10.00	Overcast	OVC015	65	60	65	63	84%	NA	NA	29.92	1012.3
13	06:54	Calm	10.00	Overcast	BKN023 BKN055 OVC090	65	60			84%	NA	NA	29.92	1012.3
13	05:54	Calm	10.00	Overcast	BKN026 OVC036	64	59			84%	NA	NA	29.91	1012.0
13	04:54	Calm	10.00	Overcast	BKN055 OVC085	64	59			84%	NA	NA	29.91	1012.0
13	03:54	Calm	10.00	Overcast	BKN024 BKN050 OVC085	63	60			90%	NA	NA	29.90	1011.7
13	02:54	Calm	10.00	Overcast	SCT023 OVC085	65	60			84%	NA	NA	29.89	1011.6
13	01:54	E 3	9.00	Mostly Cloudy	BKN020	64	60	73	63	87%	NA	NA	29.90	1011.9
13	00:54	E 5	10.00	Fair	CLR	63	60			90%	NA	NA	29.90	1011.7
12	23:54	E 3	10.00	Mostly Cloudy	BKN070	64	61			90%	NA	NA	29.91	1012.1
12	22:54	Calm	10.00	Fair	CLR	65	61			87%	NA	NA	29.90	1011.9
12	21:54	E 3	10.00	Fair	CLR	68	61			78%	NA	NA	29.88	1011.3
12	20:54	Vrbl 3	10.00	A Few Clouds	FEW028	68	62			81%	NA	NA	29.86	1010.4
12	19:54	Calm	10.00	Partly Cloudy	SCT030	73	62	76	70	69%	NA	NA	29.84	1009.9
12	18:54	SW 5	10.00	A Few Clouds	FEW075	74	61			64%	NA	NA	29.85	1010.1
12	17:54	Calm	10.00	A Few Clouds	FEW075	74	61			64%	NA	NA	29.85	1010.1
12	16:54	E 5	10.00	Mostly Cloudy	FEW022 SCT040 BKN060	72	62			71%	NA	NA	29.86	1010.5
12	15:54	Calm	10.00	Overcast	OVC041	71	60			68%	NA	NA	29.88	1011.0
12	14:54	Calm	10.00	Overcast	OVC025	70	60			71%	NA	NA	29.88	1011.2
12	13:54	E 3	10.00	Overcast	SCT021 OVC028	70	60	72	61	71%	NA	NA	29.88	1011.1
12	12:54	SW 3	10.00	Overcast	OVC020	68	60			76%	NA	NA	29.88	1011.2
12	11:54	NW 3	10.00	Overcast	OVC016	67	59			76%	NA	NA	29.89	1011.5
12	10:54	W 3	10.00	Overcast	BKN017 OVC065	66	58			75%	NA	NA	29.87	1011.1
12	09:54	Calm	10.00	Overcast	OVC017	64	57			78%	NA	NA	29.88	1011.4
12	08:54	NW 5	10.00	Overcast	OVC020	63	56			78%	NA	NA	29.88	1011.3
12	07:54	S 3	10.00	Overcast	OVC025	61	56	61	59	84%	NA	NA	29.86	1010.7
12	06:54	Calm	10.00	Overcast	OVC016	60	56			86%	NA	NA	29.87	1011.1
12	05:54	Calm	10.00	Overcast	OVC017	60	56			86%	NA	NA	29.86	1010.8
12	04:54	Calm	10.00	Overcast	OVC018	60	55			84%	NA	NA	29.85	1010.3
12	03:54	SW 3	10.00	Overcast	BKN016 OVC022	60	55			84%	NA	NA	29.85	1010.3
12	02:54	SW 3	10.00	Overcast	OVC015	60	55			84%	NA	NA	29.88	1011.3
12	01:54	SW 3	10.00	Overcast	BKN014 OVC019	60	56	64	59	86%	NA	NA	29.89	1011.6

12	00:54	Calm	10.00	Overcast	OVC018	61	55			81%	NA	NA	29.92	1012.6				
11	23:54	Calm	10.00	Overcast	OVC020	60	56			86%	NA	NA	29.91	1012.4				
11	22:54	E 3	10.00	Overcast	OVC019	60	56			86%	NA	NA	29.92	1012.5				
11	21:54	Calm	10.00	Overcast	OVC018	59	56			90%	NA	NA	29.91	1012.2				
11	20:54	Calm	10.00	Overcast	OVC021	61	56			84%	NA	NA	29.91	1012.3				
11	19:54	Calm	10.00	Partly Cloudy	FEW090 SCT120	64	55	65	61	73%	NA	NA	29.89	1011.7				0.05
11	18:54	Vrbl 3	10.00	Light Rain	BKN025 BKN050 OVC090	62	56			80%	NA	NA	29.92	1012.8				
11	17:54	Calm	10.00	Overcast	OVC024	64	58			81%	NA	NA	29.93	1012.9				
11	16:54	W 3	10.00	Overcast	OVC025	63	58			84%	NA	NA	29.94	1013.3	0.05	0.05		
11	15:54	Calm	2.50	Light Rain	OVC026	62	57			84%	NA	NA	29.95	1013.7				
11	14:54	Calm	10.00	Overcast	OVC027	64	54			70%	NA	NA	29.97	1014.2				
11	13:54	SW 7	10.00	Light Rain	OVC031	64	54	68	63	70%	NA	NA	29.97	1014.3				
11	12:54	Vrbl 3	10.00	Overcast	OVC039	65	52			63%	NA	NA	29.98	1014.7				
11	11:54	Calm	10.00	Overcast	OVC040	67	51			57%	NA	NA	29.99	1014.7				
11	10:54	E 3	10.00	Overcast	BKN042 OVC050	67	51			57%	NA	NA	29.99	1015.0				
11	09:54	Vrbl 3	10.00	Overcast	OVC041	66	50			56%	NA	NA	30.00	1015.1				
11	08:54	NE 3	10.00	Overcast	OVC050	67	49			53%	NA	NA	29.99	1014.9				
11	07:54	NE 5	10.00	Overcast	FEW050 BKN070 OVC095	63	49	67	61	60%	NA	NA	30.00	1015.0				
Date	Time (edt)	Wind (mph)	Vis. (mi.)	Weather	Sky Cond.	Air	Dwpt	Max.	Min.	Relative Humidity	Wind Chill (°F)	Heat Index (°F)	altimeter (in.)	sea level (mb)	1 hr	3 hr	6 hr	
						Temperature (°F)		6 hour					Pressure		Precipitation (in.)			

National Weather Service
Southern Region Headquarters
Fort Worth, Texas
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Pulverman

3800-FM-BCW0521 12/2015
MS4 Outfall Field Screening Report

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Dallas Township	NPDES Permit No.: PA PAG132323
Date of Inspection: 6/14/21	Outfall ID No.: D7-25
Land Uses in Outfall Drainage Area (Select All):	Latitude: ____° ____' ____" 41.335°N
☑ Industrial ☐ Urban Residential	Longitude: ____° ____' ____" -75.9429W
☐ Commercial ☐ Suburban Residential	Dry Weather Inspection? ☑ Yes ☐ No
☐ Open Space ☐ Other: Pulverman	Date of Previous Precipitation: 6/11/21 (see attached)
	Amount of Previous Precipitation: 0.05 in
Inspector Name(s): Thomas Maysha / Meghan Englehart	Were Photographs Taken? ☑ Yes ☐ No
	Are Photographs Attached? ☑ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☑ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☑ HDPE ☐ Steel ☐ Other	☑ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: 18 in	☑ In Water ☐ With Sediment half filled w/water
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: ____ in Top Width: ____ in Bottom Width: ____	

Dry Weather Flow Present at Outfall During Inspection? ☑ Yes ☐ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☑ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☑ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☑ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☑ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☑ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☑ No (If Yes, No. Samples: _____)

FIELD / LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: _____			Oil and Grease		mg/L
Other: _____			Other: _____		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☑ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

RESPONSIBLE OFFICIAL CERTIFICATION

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 knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Thomas Mayka	Thomas Mayka
Responsible Official Name	Signature
570-696-1133 x309	6/14/21
Telephone No.	Date

weather.gov

Weather observations for the past three days

Wilkes-Barre - Scranton, Wilkes-Barre / Scranton International Airport

Enter Your "City, ST" or zip code Go

metric

Date	Time (edt)	Wind (mph)	Vis. (mi.)	Weather	Sky Cond.	Temperature (°F) Air	Dwpt	6 hour Max.	Min.	Relative Humidity	Wind Chill (°F)	Heat Index (°F)	Pressure altimeter (in)	sea level (mb)	Precipitation (in.) 1 hr	3 hr	6 hr
14	06:54	SW 6	10.00	Overcast	BKN022 BKN029 OVC041	68	62			81%	NA	NA	29.82	1008.9			
14	05:54	Vrbl 3	10.00	Overcast	FEW014 BKN025 OVC037	68	62			81%	NA	NA	29.82	1008.8			
14	04:54	Calm	10.00	Overcast	OVC016	69	63			81%	NA	NA	29.82	1008.9			
14	03:54	S 3	10.00	Overcast	OVC017	69	63			81%	NA	NA	29.82	1009.0			
14	02:53	SW 8	10.00	Partly Cloudy	FEW014 SCT022	69	64			84%	NA	NA	29.81	1008.5			
14	01:54	Vrbl 6	10.00	Overcast	OVC015	70	64	73	69	82%	NA	NA	29.83	1009.2			
14	00:54	SW 5	10.00	Fair	CLR	70	64			82%	NA	NA	29.83	1009.2			
13	23:54	SW 6	10.00	A Few Clouds	FEW017 FEW046	69	64			84%	NA	NA	29.86	1010.5			
13	22:54	Calm	10.00	Mostly Cloudy	SCT017 BKN040	70	64			82%	NA	NA	29.88	1010.9			
13	21:54	Vrbl 6	10.00	Fair	CLR	73	64			74%	NA	NA	29.87	1010.5			
13	20:54	Vrbl 6	10.00	Fair	CLR	71	64			79%	NA	NA	29.86	1010.4			
13	19:54	Vrbl 5	10.00	Fair	CLR	72	64	78	72	76%	NA	NA	29.85	1009.9			
13	18:54	Calm	10.00	Fair	CLR	74	64			71%	NA	NA	29.84	1009.6			
13	17:54	S 6	10.00	Fair	CLR	75	64			69%	NA	NA	29.84	1009.9			
13	16:54	SW 6	10.00	Mostly Cloudy	BKN055	77	64			64%	NA	79	29.86	1010.4			
13	15:54	SW 6	10.00	Mostly Cloudy	BKN050	76	64			67%	NA	78	29.88	1011.0			
13	14:54	SW 8	10.00	Mostly Cloudy	BKN023 BKN048	77	65			66%	NA	79	29.89	1011.4			
13	13:54	Vrbl 3	10.00	Mostly Cloudy	SCT022 BKN034 BKN045	74	64	75	66	71%	NA	NA	29.89	1011.6			
13	12:54	SW 6	10.00	Overcast	BKN017 OVC032	71	63			76%	NA	NA	29.91	1012.1			
13	11:54	SW 8	10.00	Overcast	OVC017	71	62			73%	NA	NA	29.92	1012.5			
13	10:54	SW 6	10.00	Overcast	OVC017	70	62			76%	NA	NA	29.92	1012.4			
13	09:54	SW 5	10.00	Overcast	OVC021	68	62			81%	NA	NA	29.92	1012.3			
13	08:54	Calm	10.00	Overcast	OVC014	67	61			81%	NA	NA	29.92	1012.4			

13	07:54	Calm	10.00	Overcast	OVC015	65	60	65	63	84%	NA	NA	29.92	1012.3
13	06:54	Calm	10.00	Overcast	BKN023 BKN055 OVC090	65	60			84%	NA	NA	29.92	1012.3
13	05:54	Calm	10.00	Overcast	BKN026 OVC036	64	59			84%	NA	NA	29.91	1012.0
13	04:54	Calm	10.00	Overcast	BKN055 OVC085	64	59			84%	NA	NA	29.91	1012.0
13	03:54	Calm	10.00	Overcast	BKN024 BKN050 OVC085	63	60			90%	NA	NA	29.90	1011.7
13	02:54	Calm	10.00	Overcast	SCT023 OVC085	65	60			84%	NA	NA	29.89	1011.6
13	01:54	E 3	9.00	Mostly Cloudy	BKN020	64	60	73	63	87%	NA	NA	29.90	1011.9
13	00:54	E 5	10.00	Fair	CLR	63	60			90%	NA	NA	29.90	1011.7
12	23:54	E 3	10.00	Mostly Cloudy	BKN070	64	61			90%	NA	NA	29.91	1012.1
12	22:54	Calm	10.00	Fair	CLR	65	61			87%	NA	NA	29.90	1011.9
12	21:54	E 3	10.00	Fair	CLR	68	61			78%	NA	NA	29.88	1011.3
12	20:54	Vrbl 3	10.00	A Few Clouds	FEW028	68	62			81%	NA	NA	29.86	1010.4
12	19:54	Calm	10.00	Partly Cloudy	SCT030	73	62	76	70	69%	NA	NA	29.84	1009.9
12	18:54	SW 5	10.00	A Few Clouds	FEW075	74	61			64%	NA	NA	29.85	1010.1
12	17:54	Calm	10.00	A Few Clouds	FEW075	74	61			64%	NA	NA	29.85	1010.1
12	16:54	E 5	10.00	Mostly Cloudy	FEW022 SCT040 BKN060	72	62			71%	NA	NA	29.86	1010.5
12	15:54	Calm	10.00	Overcast	OVC041	71	60			68%	NA	NA	29.88	1011.0
12	14:54	Calm	10.00	Overcast	OVC025	70	60			71%	NA	NA	29.88	1011.2
12	13:54	E 3	10.00	Overcast	SCT021 OVC028	70	60	72	61	71%	NA	NA	29.88	1011.1
12	12:54	SW 3	10.00	Overcast	OVC020	68	60			76%	NA	NA	29.88	1011.2
12	11:54	NW 3	10.00	Overcast	OVC016	67	59			76%	NA	NA	29.89	1011.5
12	10:54	W 3	10.00	Overcast	BKN017 OVC065	66	58			75%	NA	NA	29.87	1011.1
12	09:54	Calm	10.00	Overcast	OVC017	64	57			78%	NA	NA	29.88	1011.4
12	08:54	NW 5	10.00	Overcast	OVC020	63	56			78%	NA	NA	29.88	1011.3
12	07:54	S 3	10.00	Overcast	OVC025	61	56	61	59	84%	NA	NA	29.86	1010.7
12	06:54	Calm	10.00	Overcast	OVC016	60	56			86%	NA	NA	29.87	1011.1
12	05:54	Calm	10.00	Overcast	OVC017	60	56			86%	NA	NA	29.86	1010.8
12	04:54	Calm	10.00	Overcast	OVC018	60	55			84%	NA	NA	29.85	1010.3
12	03:54	SW 3	10.00	Overcast	BKN016 OVC022	60	55			84%	NA	NA	29.85	1010.3
12	02:54	SW 3	10.00	Overcast	OVC015	60	55			84%	NA	NA	29.88	1011.3
12	01:54	SW 3	10.00	Overcast	BKN014 OVC019	60	56	64	59	86%	NA	NA	29.89	1011.6

12	00:54	Calm	10.00	Overcast	OVC018	61	55			81%	NA	NA	29.92	1012.6				
11	23:54	Calm	10.00	Overcast	OVC020	60	56			86%	NA	NA	29.91	1012.4				
11	22:54	E 3	10.00	Overcast	OVC019	60	56			86%	NA	NA	29.92	1012.5				
11	21:54	Calm	10.00	Overcast	OVC018	59	56			90%	NA	NA	29.91	1012.2				
11	20:54	Calm	10.00	Overcast	OVC021	61	56			84%	NA	NA	29.91	1012.3				
11	19:54	Calm	10.00	Partly Cloudy	FEW090 SCT120	64	55	65	61	73%	NA	NA	29.89	1011.7			0.05	
11	18:54	Vrbl 3	10.00	Light Rain	BKN025 BKN050 OVC090	62	56			80%	NA	NA	29.92	1012.8				
11	17:54	Calm	10.00	Overcast	OVC024	64	58			81%	NA	NA	29.93	1012.9				
11	16:54	W 3	10.00	Overcast	OVC025	63	58			84%	NA	NA	29.94	1013.3	0.05	0.05		
11	15:54	Calm	2.50	Light Rain	OVC026	62	57			84%	NA	NA	29.95	1013.7				
11	14:54	Calm	10.00	Overcast	OVC027	64	54			70%	NA	NA	29.97	1014.2				
11	13:54	SW 7	10.00	Light Rain	OVC031	64	54	68	63	70%	NA	NA	29.97	1014.3				
11	12:54	Vrbl 3	10.00	Overcast	OVC039	65	52			63%	NA	NA	29.98	1014.7				
11	11:54	Calm	10.00	Overcast	OVC040	67	51			57%	NA	NA	29.99	1014.7				
11	10:54	E 3	10.00	Overcast	BKN042 OVC050	67	51			57%	NA	NA	29.99	1015.0				
11	09:54	Vrbl 3	10.00	Overcast	OVC041	66	50			56%	NA	NA	30.00	1015.1				
11	08:54	NE 3	10.00	Overcast	OVC050	67	49			53%	NA	NA	29.99	1014.9				
11	07:54	NE 5	10.00	Overcast	FEW050 BKN070 OVC095	63	49	67	61	60%	NA	NA	30.00	1015.0				
Date	Time (edt)	Wind (mph)	Vis. (mi.)	Weather	Sky Cond.	Air	Dwpt	Max.	Min.	Relative Humidity	Wind Chill (°F)	Heat Index (°F)	altimeter (in.)	sea level (mb)	1 hr	3 hr	6 hr	
						Temperature (°F)		6 hour					Pressure		Precipitation (in.)			

National Weather Service
Southern Region Headquarters
Fort Worth, Texas
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DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

The Meadows

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Dallas Township	NPDES Permit No.: PA G 132234
Date of Inspection: 5/2/21	Outfall ID No.: D7-39
Land Uses in Outfall Drainage Area (Select All):	Latitude: ___° ___' ___" 41.340°N
☐ Industrial ☐ Urban Residential	Longitude: ___° ___' ___" -75.968W
☑ Commercial ☐ Suburban Residential	Dry Weather Inspection? ☑ Yes ☐ No
☐ Open Space ☐ Other:	Date of Previous Precipitation: ~~NA~~ Apr. 29th 2021
	Amount of Previous Precipitation: 0.7 in see attached
Inspector Name(s): Thomas Mayle	Were Photographs Taken? ☑ Yes ☐ No
	Are Photographs Attached? ☑ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☑ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☑ HDPE ☐ Steel ☐ Other	☑ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: 18 in	☐ In Water ☐ With Sediment
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: ____ in Top Width: ____ in Bottom Width: ____	

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☑ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☐ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☐ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☐ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☐ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☐ No (If Yes, No. Samples: _____)

FIELD / LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: _____			Oil and Grease		mg/L
Other: _____			Other: _____		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☐ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

RESPONSIBLE OFFICIAL CERTIFICATION

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 knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Thomas Mayka	Thomas Mayka
Responsible Official Name	Signature
570-696-1173 x309	5/2/21
Telephone No.	Date

DT- 39 9/2/21 The Meadows

Search Locations

Log in (Reg...

Popular Cities

San Francisco, CA
58 °F Cloudy
(/weather/us/ca/san-francisco/37.78,-122.42)

Manhattan, NY
79 °F Mostly Cloudy
(/weather/us/ny/manhattan)

41.34 °N, 75.73 °W

Avoca, PA Weather History

76° WILKES-BARRE/SCRANTON INTERNATIONAL AIRPORT STATION (/DASHBOARD/PWS/KPADUPON1?CM_VEN=LOCALWX_PWSDASH) | CHANGE

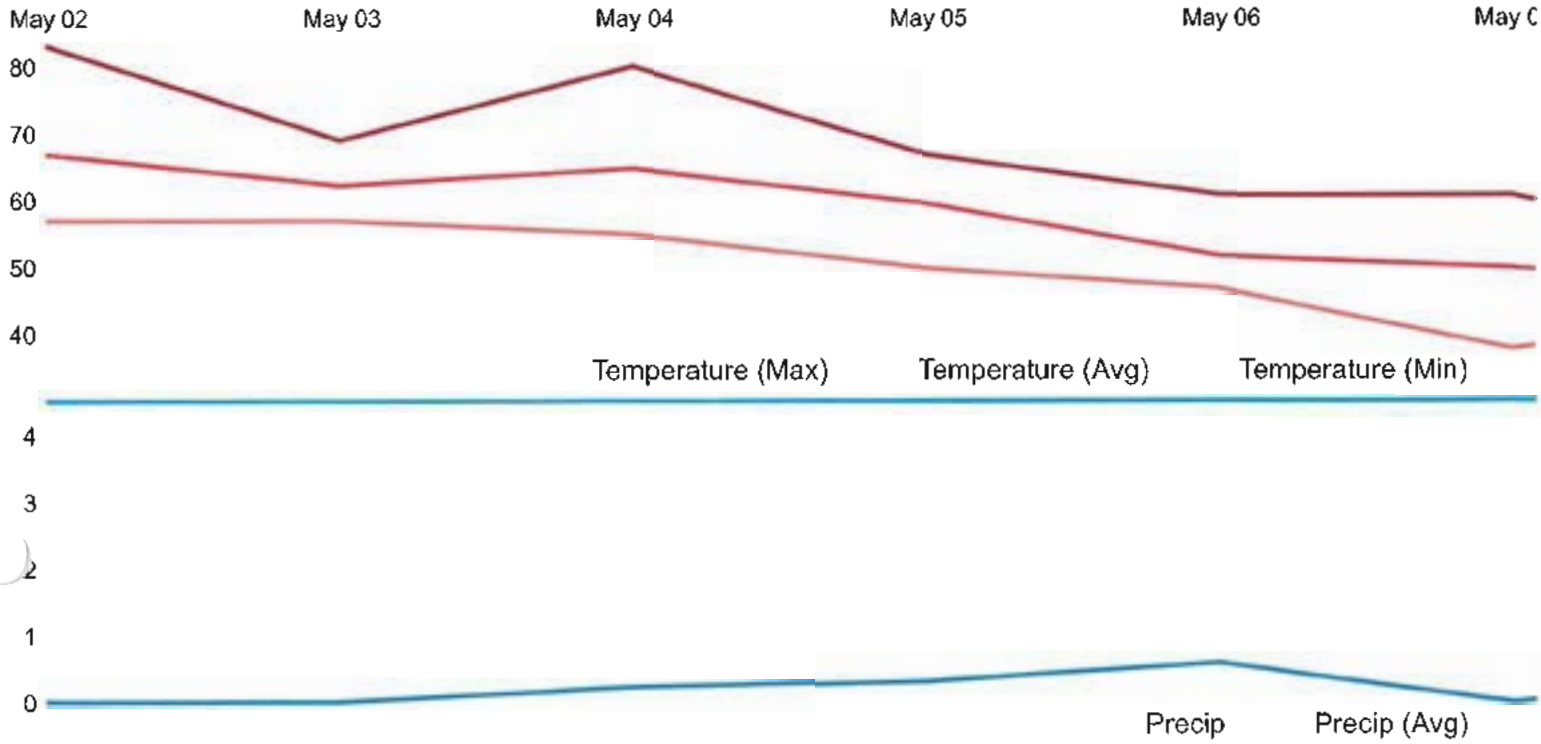
HISTORY (/HISTORY/DAILY/US/PA/AVOCA/KAVP)

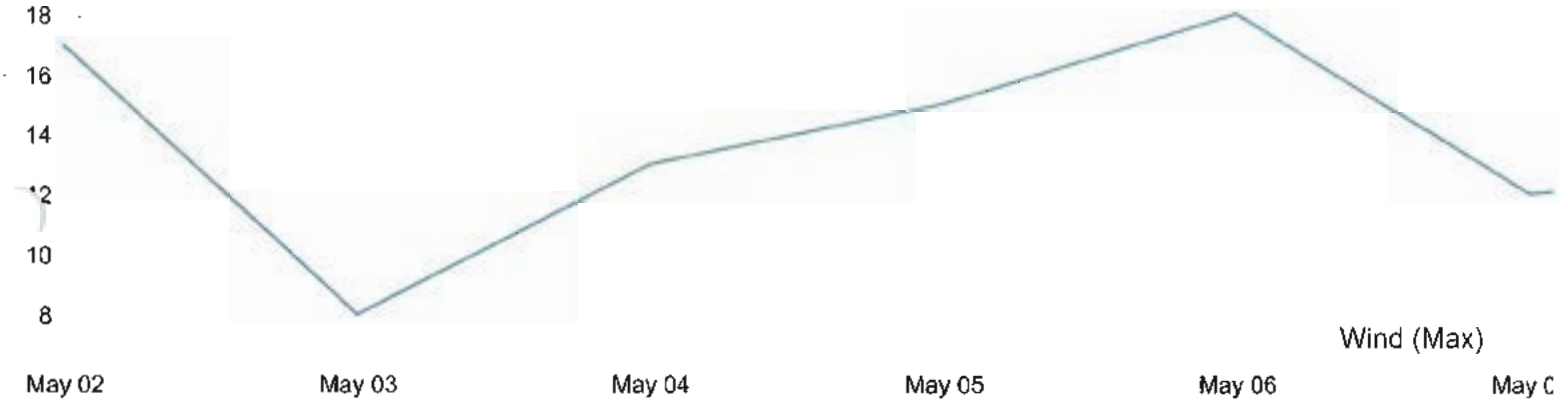
- TODAY (/WEATHER/US/PA/AVOCA/KAVP)
- HOURLY (/HOURLY/US/PA/AVOCA/KAVP)
- 10-DAY (/FORECAST/US/PA/AVOCA/KAVP)
- CALENDAR (/CALENDAR/US/PA/AVOCA/KAVP)
- HISTORY (/HISTORY/DAILY/US/PA/AVOCA/KAVP)
- WUNDERMAP (/WUNDERMAP?LAT=41.337&LON=-75.733)

Daily | Weekly | Monthly

(/history/daily/us/[illegible]/KAVP/date/2021-5-2) (/history/weekly/us/[illegible]/KAVP/date/2021-5-2) (/history/monthly/us/[illegible]/KAVP/date/2021-5)

May | 2 | 2021 | View





Summary

Temperature (° F)	Max	Average	Min
Max Temperature	83	67.57	52
Avg Temperature	66.88	57.43	46.3
Min Temperature	57	49.57	38

Dew Point (° F)	Max	Average	Min
Dew Point	66	45.24	25

Precipitation (Inches)	Max	Average	Min	Sum
Precipitation	0.59	0.22	0.00	1.55
Snowdepth	0.00	0.00	0.00	0.00

Wind	Max	Average	Min
Wind	18	6.27	0
Gust Wind	25	2.04	0

Sea Level Pressure	Max	Average	Min
Sea Level Pressure	29	28.79	28.64

Daily Observations

Time	Temperature (° F)	Dew Point (° F)	Humidity (%)	Wind Speed (mph)	Press

Search Locations

Log in (Reg...

Popular Cities

San Francisco, CA
58 °F Cloudy
(/weather/us/ca/san-francisco/37.78,-122.42)

Manhattan, NY
79 °F Mostly Cloudy
(/weather/us/ny/manhattan/

41.34 °N, 75.73 °W

Avoca, PA Weather History

76° WILKES-BARRE/SCRANTON INTERNATIONAL AIRPORT STATION (/DASHBOARD/PWS/KPADUPON1?CM_VEN=LOCALWX_PWSDASH) | CHANGE

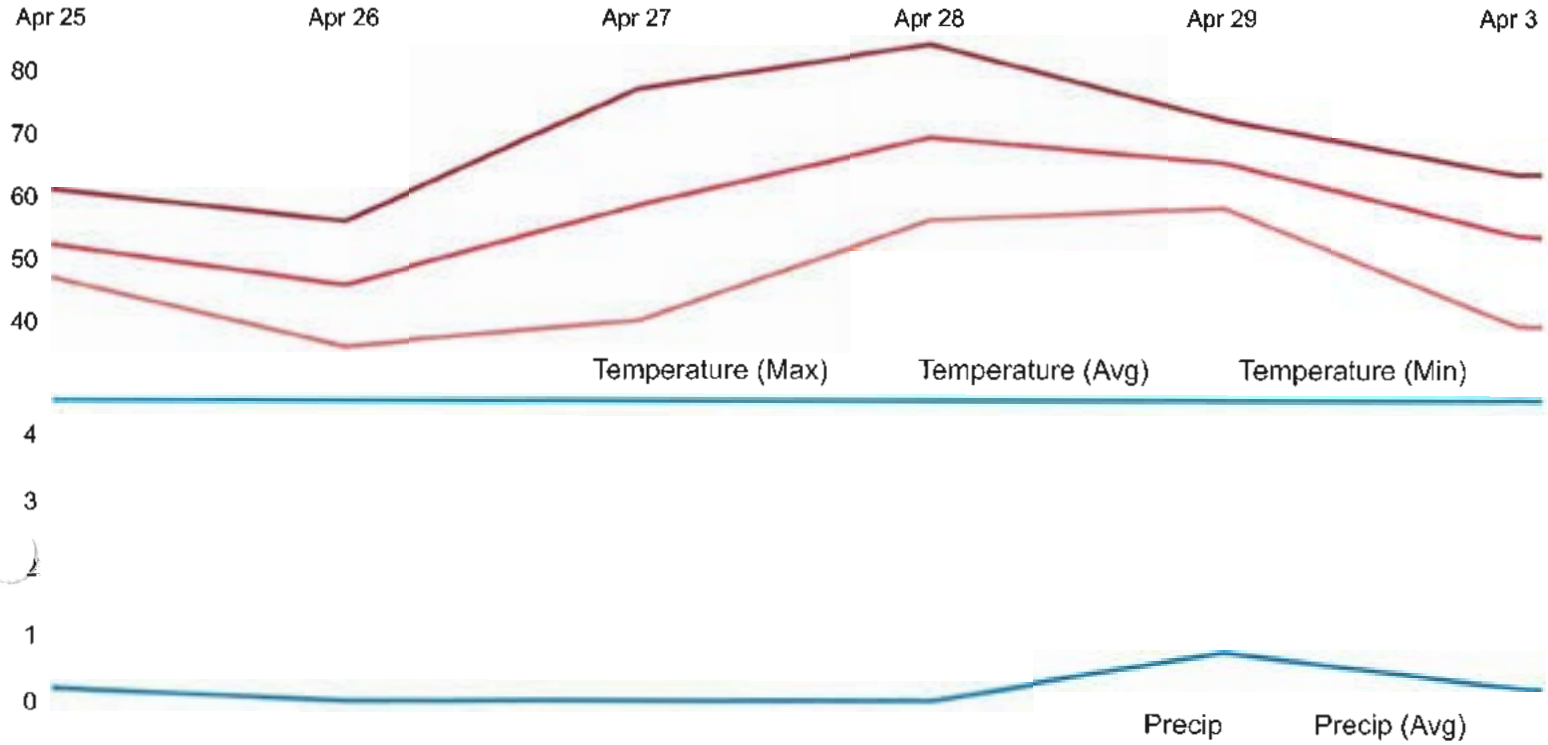
HISTORY (/HISTORY/DAILY/US/PA/AVOCA/KAVP)

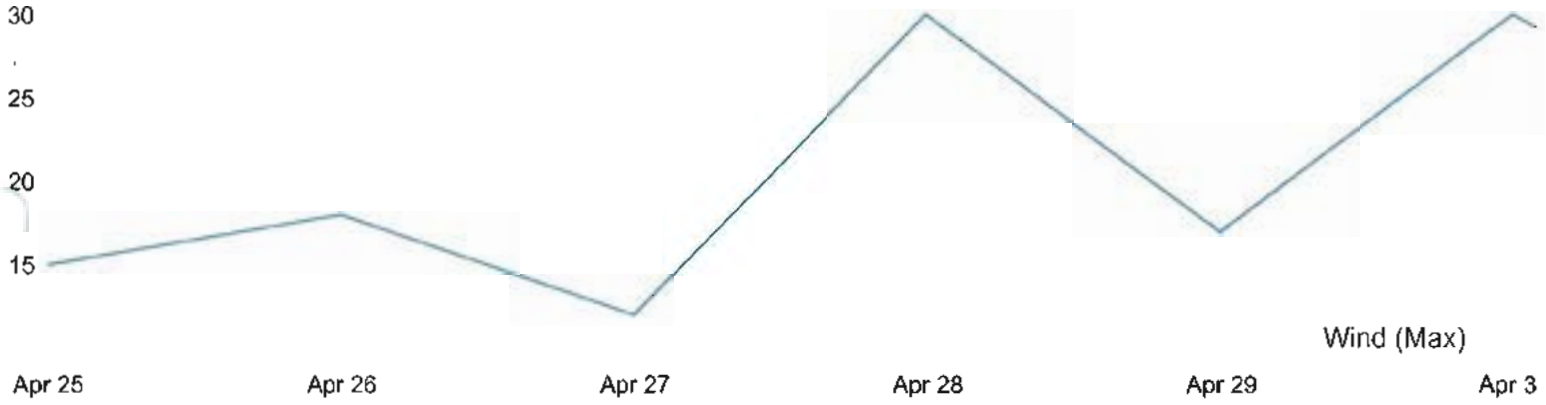
- TODAY (/WEATHER/US/PA/AVOCA/KAVP)
- HOURLY (/HOURLY/US/PA/AVOCA/KAVP)
- 10-DAY (/FORECAST/US/PA/AVOCA/KAVP)
- CALENDAR (/CALENDAR/US/PA/AVOCA/KAVP)
- HISTORY (/HISTORY/DAILY/US/PA/AVOCA/KAVP)
- WUNDERMAP (/WUNDERMAP?LAT=41.337&LON=-75.733)

Daily | **Weekly** | Monthly

(/history/daily/us/pa/avoca/KAVP/date/2021-4-29) **4-29)** 4)

April | 29 | 2021 | View





Summary

Temperature (° F)	Max	Average	Min
Max Temperature	84	68.14	56
Avg Temperature	69.19	56.23	45.83
Min Temperature	58	44.86	36

Dew Point (° F)	Max	Average	Min
Dew Point	64	39.55	16

Precipitation (Inches)	Max	Average	Min	Sum
Precipitation	0.70	0.15	0.00	1.08
Snowdepth	0.00	0.00	0.00	0.00

Wind	Max	Average	Min
Wind	30	9	0
Gust Wind	44	9	0

Sea Level Pressure	Max	Average	Min
Sea Level Pressure	29.09	28.82	28.44

Daily Observations

Time	Temperature (° F)	Dew Point (° F)	Humidity (%)	Wind Speed (mph)	Pressi

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

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DEPARTMENT OF ENVIRONMENTAL PROTECTION
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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Dallas Township	NPDES Permit No.: PA PAG 132323
Date of Inspection: 6/28/21	Outfall ID No.: DT-43
Land Uses in Outfall Drainage Area (Select All):	Latitude: ___°___'___" 41.347°N
☐ Industrial ☐ Urban Residential	Longitude: ___°___'___" -75.960W
☑ Commercial ☐ Suburban Residential	Dry Weather Inspection? ☑ Yes ☐ No
☐ Open Space ☐ Other:	Date of Previous Precipitation: 6/23/21
near Weis shopping plaza	Amount of Previous Precipitation: 0.34 in
Inspector Name(s): Thomas Mayka	Were Photographs Taken? ☑ Yes ☐ No
	Are Photographs Attached? ☑ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☑ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☑ Steel ☐ Other	☑ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: 15 in	☐ In Water ☐ With Sediment
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: ____ in Top Width: ____ in Bottom Width: ____	

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☑ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☐ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☐ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☐ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☐ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☐ No (If Yes, No. Samples: _____)

FIELD / LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: _____			Oil and Grease		mg/L
Other: _____			Other: _____		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☐ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

RESPONSIBLE OFFICIAL CERTIFICATION

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 knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Thomas Mayka	Thomas Mayka
Responsible Official Name	Signature
570-696-1133 x309	6/28/24
Telephone No.	Date

weather.gov

Weather observations for the past three days

Wilkes-Barre - Scranton, Wilkes-Barre / Scranton International Airport

Enter Your "City, ST" or zip code Go

metric

Date	Time (edt)	Wind (mph)	Vis. (mi.)	Weather	Sky Cond.	Temperature (°F) Air	Dwpt	6 hour Max.	Min.	Relative Humidity	Wind Chill (°F)	Heat Index (°F)	Pressure altimeter (in)	sea level (mb)	Precipitation (in.) 1 hr	3 hr	6 hr
28	09:54	W 10	10.00	Fair	CLR	84	71			65%	NA	89	30.24	1022.7			
28	08:54	SW 7	10.00	Fair	CLR	82	72			72%	NA	87	30.24	1023.0			
28	07:54	Vrbl 5	10.00	Fair	CLR	79	71	79	73	77%	NA	82	30.24	1022.9			
28	06:54	Calm	10.00	Fair	CLR	76	70			82%	NA	77	30.23	1022.7			
28	05:54	Calm	10.00	Fair	CLR	73	70			90%	NA	NA	30.22	1022.1			
28	04:54	Calm	10.00	Fair	CLR	74	70			88%	NA	NA	30.21	1021.8			
28	03:54	Calm	10.00	Fair	CLR	74	70			88%	NA	NA	30.19	1021.3			
28	02:54	Calm	10.00	Fair	CLR	75	70			84%	NA	NA	30.19	1021.1			
28	01:54	SW 6	10.00	Fair	CLR	78	70	84	77	76%	NA	80	30.18	1020.7			
28	00:54	SW 7	10.00	Fair	CLR	78	71			79%	NA	80	30.16	1020.3			
27	23:54	SW 9	10.00	Fair	CLR	79	71			77%	NA	82	30.16	1020.0			
27	22:54	S 8	10.00	Fair	CLR	80	71			74%	NA	83	30.15	1019.8			
27	21:54	SW 6	10.00	Fair	CLR	81	71			72%	NA	85	30.16	1020.2			
27	20:54	Vrbl 6	10.00	A Few Clouds	FEW060	82	71			69%	NA	86	30.14	1019.5			
27	19:54	Vrbl 6 G 16	10.00	A Few Clouds	FEW070	84	70	90	84	63%	NA	88	30.13	1019.3			
27	18:54	S 8	10.00	Partly Cloudy	SCT070	85	69			59%	NA	89	30.13	1019.2			
27	17:54	SW 7 G 17	10.00	Partly Cloudy	FEW049 SCT065	87	68			53%	NA	90	30.13	1019.3			
27	16:54	S 8	10.00	A Few Clouds	FEW050	87	68			53%	NA	90	30.14	1019.6			
27	15:54	SW 10	10.00	A Few Clouds	FEW050	89	69			52%	NA	94	30.14	1019.5			
27	14:54	SW 10	10.00	Partly Cloudy	FEW048 SCT060	88	69			54%	NA	93	30.14	1019.6			
27	13:54	W 14	10.00	Partly Cloudy	SCT050	90	68	90	77	48%	NA	94	30.15	1019.8			
27	12:54	SW 13 G 23	10.00	A Few Clouds	FEW048 FEW070	87	67			51%	NA	90	30.16	1020.1			
27	11:54	SW 10	10.00	A Few Clouds	FEW041	86	67			53%	NA	89	30.16	1020.3			
27	10:54	SW 13 G 17	10.00	Fair	CLR	85	68			57%	NA	88	30.17	1020.5			
27	09:54	SW 10	10.00	A Few Clouds	FEW024	82	69			65%	NA	85	30.17	1020.4			
27	08:54	SW 9	10.00	Mostly Cloudy	BKN023	79	69			72%	NA	82	30.17	1020.6			
27	07:54	SW 6	10.00	Fair	CLR	77	69	77	70	77%	NA	79	30.17	1020.7			

27	06:54	S 3	10.00	Overcast	OVC028	74	69			85%	NA	NA	30.16	1020.5
27	05:54	SW 3	10.00	Mostly Cloudy	BKN027	73	68			84%	NA	NA	30.15	1020.1
27	04:54	Calm	10.00	Mostly Cloudy	BKN025	71	68			90%	NA	NA	30.15	1020.0
27	03:54	Calm	10.00	Partly Cloudy	SCT025	72	68			87%	NA	NA	30.14	1019.5
27	02:54	Calm	10.00	Partly Cloudy	SCT025 SCT031	70	67			90%	NA	NA	30.14	1019.8
27	01:54	Calm	10.00	Fair	CLR	71	67	80	71	87%	NA	NA	30.14	1019.7
27	00:54	Calm	10.00	Fair	CLR	73	68			84%	NA	NA	30.15	1019.9
26	23:54	Vrbl 6	10.00	Fair	CLR	76	69			79%	NA	77	30.14	1019.7
26	22:54	Vrbl 7 G 17	10.00	Fair	CLR	76	69			79%	NA	77	30.15	1019.8
26	21:54	Vrbl 5	10.00	Fair	CLR	77	69			77%	NA	79	30.15	1020.1
26	20:54	Vrbl 7	10.00	Partly Cloudy	SCT045	78	68			71%	NA	80	30.13	1019.6
26	19:54	SW 8	10.00	A Few Clouds	FEW041	80	68	87	80	67%	NA	83	30.13	1019.3
26	18:54	S 9	10.00	Fair	CLR	82	68			63%	NA	85	30.13	1019.2
26	17:54	S 9 G 17	10.00	A Few Clouds	FEW039	83	67			59%	NA	86	30.13	1019.4
26	16:54	S 10 G 17	10.00	A Few Clouds	FEW044	84	68			59%	NA	87	30.14	1019.6
26	15:54	SW 8 G 16	10.00	Fair	CLR	86	68			55%	NA	89	30.14	1019.6
26	14:54	S 9 G 17	10.00	Partly Cloudy	FEW045 SCT060	84	65			53%	NA	86	30.16	1020.3
26	13:54	SW 8 G 17	10.00	A Few Clouds	FEW040	83	66	83	73	57%	NA	85	30.17	1020.9
26	12:54	S 9 G 17	10.00	Mostly Cloudy	BKN033 BKN060	80	67			64%	NA	82	30.19	1021.4
26	11:54	Vrbl 5	10.00	Mostly Cloudy	SCT033 BKN040	79	68			69%	NA	81	30.20	1021.6
26	10:54	SW 7	10.00	Partly Cloudy	SCT032	77	67			71%	NA	79	30.21	1022.1
26	09:54	SW 12	10.00	Overcast	OVC025	75	66			74%	NA	NA	30.22	1022.5
26	08:54	SW 7	10.00	Overcast	OVC022	74	66			76%	NA	NA	30.23	1022.8
26	07:54	S 7	10.00	Overcast	FEW019 BKN027 OVC055	73	66	73	67	79%	NA	NA	30.21	1022.2
26	06:54	SW 8	10.00	Overcast	BKN015 OVC022	71	65			81%	NA	NA	30.21	1022.3
26	05:54	SW 5	10.00	Overcast	OVC017	70	65			84%	NA	NA	30.22	1022.5
26	04:54	Vrbl 3	10.00	Overcast	SCT014 BKN020 OVC060	69	63			81%	NA	NA	30.20	1021.9
26	03:54	S 5	10.00	Overcast	BKN022 OVC028	68	62			81%	NA	NA	30.21	1022.1
26	02:54	Vrbl 6	10.00	Fair	CLR	68	61			78%	NA	NA	30.21	1022.1
26	01:54	W 5	10.00	Fair	CLR	67	58	74	67	73%	NA	NA	30.21	1022.1
26	00:54	Vrbl 7	10.00	Fair	CLR	69	56			63%	NA	NA	30.19	1021.7
25	23:54	S 9	10.00	Fair	CLR	70	53			55%	NA	NA	30.20	1022.0

25	22:54	Vrbl 3	10.00	Fair	CLR	68	51			55%	NA	NA	30.22	1022.5			
25	21:54	Calm	10.00	Fair	CLR	67	54			63%	NA	NA	30.21	1022.3			
25	20:54	Vrbl 3	10.00	Fair	CLR	70	54			57%	NA	NA	30.22	1022.6			
25	19:54	Vrbl 3	10.00	Fair	CLR	74	54	79	74	50%	NA	NA	30.22	1022.5			
25	18:54	S 5	10.00	Fair	CLR	77	54			45%	NA	78	30.22	1022.6			
25	17:54	S 9	10.00	Fair	CLR	78	55			45%	NA	79	30.22	1022.6			
25	16:54	Vrbl 7	10.00	Fair	CLR	78	55			45%	NA	79	30.22	1022.9			
25	15:54	S 8 G 17	10.00	Fair	CLR	78	55			45%	NA	79	30.23	1023.0			
25	14:54	SW 7	10.00	Fair	CLR	78	55			45%	NA	79	30.24	1023.5			
25	13:54	SW 10	10.00	Fair	CLR	78	56	78	63	47%	NA	79	30.26	1023.9			
25	12:54	S 9	10.00	Fair	CLR	76	55			48%	NA	78	30.27	1024.4			
25	11:54	SW 8	10.00	Fair	CLR	74	54			50%	NA	NA	30.29	1025.1			
25	10:54	N 6	10.00	Fair	CLR	72	54			53%	NA	NA	30.30	1025.5			
Date	Time (edt)	Wind (mph)	Vis. (mi.)	Weather	Sky Cond.	Air	Dwpt	Max.	Min.	Relative Humidity	Wind Chill (°F)	Heat Index (°F)	altimeter (in.)	sea level (mb)	1 hr	3 hr	6 hr
						Temperature (°F)		6 hour					Pressure		Precipitation (in.)		

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41.34 °N, 75.73 °W

Avoca, PA Weather History

77° WILKES-BARRE/SCRANTON INTERNATIONAL AIRPORT STATION (/DASHBOARD/PWS/KPADUPON1?CM_VEN=LOCALWX_PWSDASH) | CHANGE

HISTORY (/HISTORY/DAILY/US/PA/AVOCA/KAVP)

- TODAY (/WEATHER/US/PA/AVOCA/KAVP)
- HOURLY (/HOURLY/US/PA/AVOCA/KAVP)
- 10-DAY (/FORECAST/US/PA/AVOCA/KAVP)
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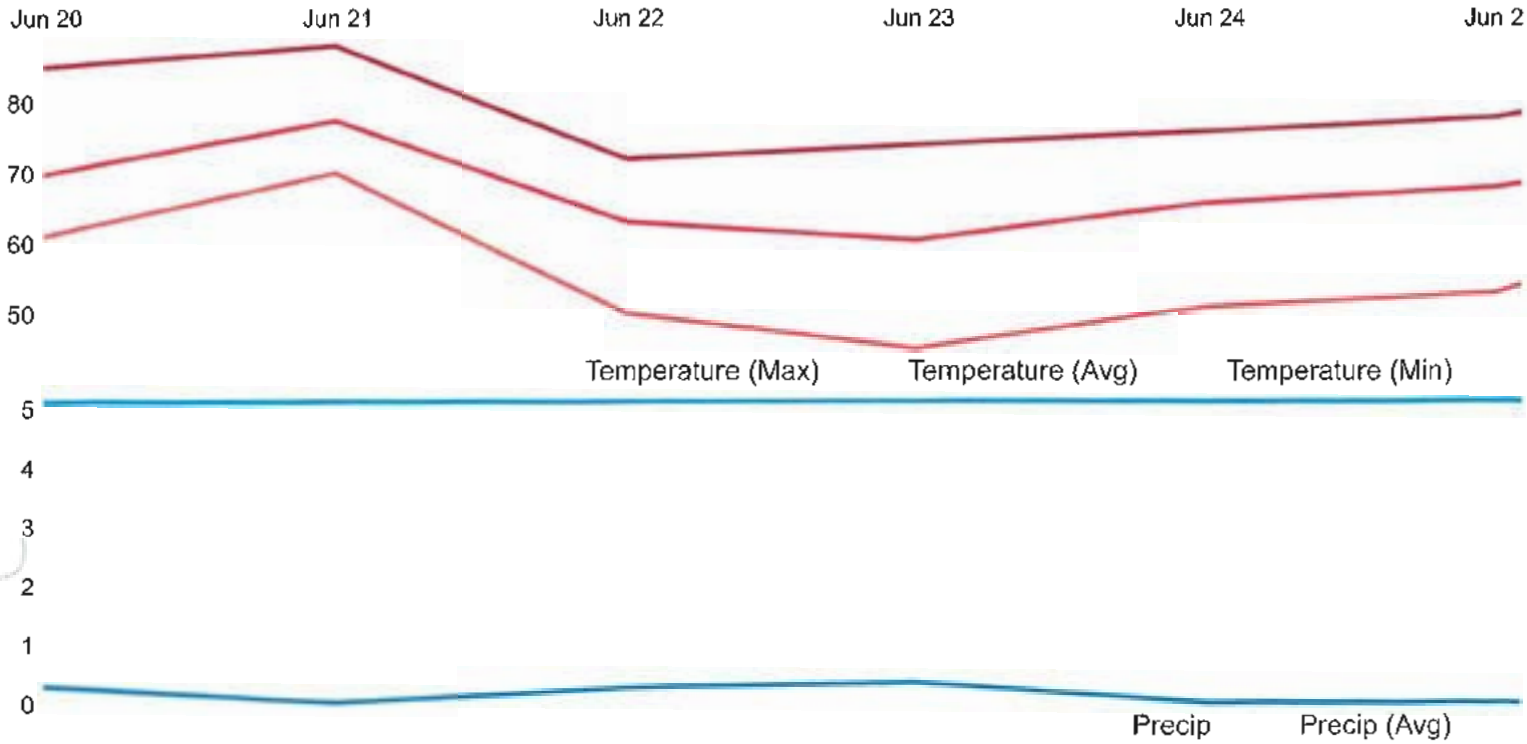
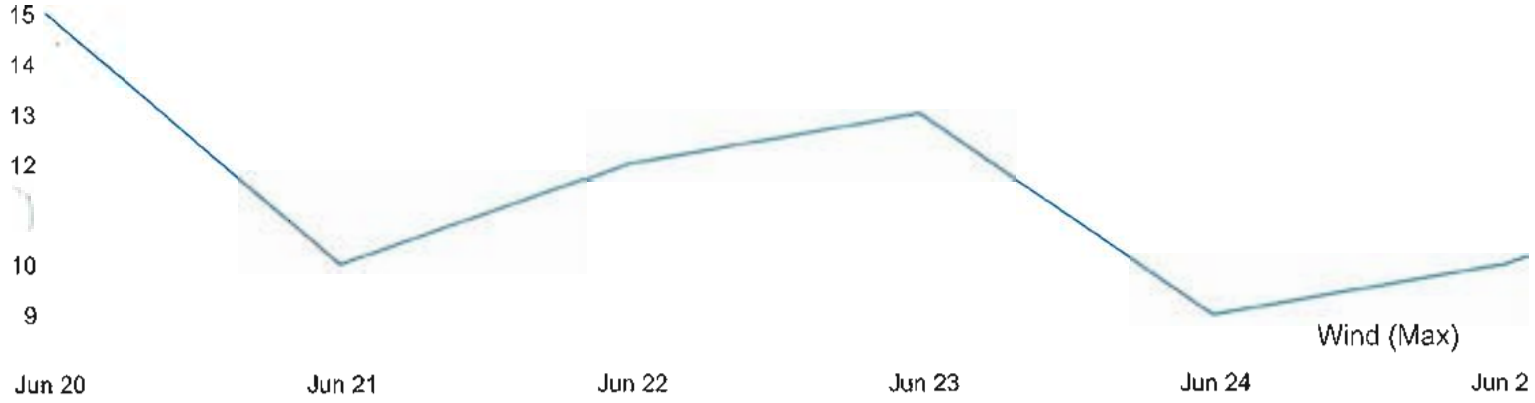
- HISTORY (/HISTORY/DAILY/US/PA/AVOCA/KAVP)
- WUNDERMAP (/WUNDERMAP?LAT=41.337&LON=-75.733)

Daily | **Weekly** | Monthly

(/history/daily/us/pa/avoca/KAVP/date/2021-6-26) | **6-26)** | 6)

June | 26 | 2021 | View





Summary

Temperature (° F)	Max	Average	Min
Max Temperature	88	79.86	72
Avg Temperature	77.42	68.5	60.46
Min Temperature	70	56.71	45

Dew Point (° F)	Max	Average	Min
Dew Point	72	57.34	43

Precipitation (Inches)	Max	Average	Min	Sum
Precipitation	0.34	0.13	0.00	0.88
Snowdepth	0.00	0.00	0.00	0.00

Wind	Max	Average	Min
Wind	15	5.15	0
Gust Wind	24	1.57	0

Sea Level Pressure	Max	Average	Min
Sea Level Pressure	29.33	29.01	28.56

Daily Observations

Time	Temperature (° F)	Dew Point (° F)	Humidity (%)	Wind Speed (mph)	Pressu

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Dallas Township	NPDES Permit No.: PA PAG 132323
Date of Inspection: 6/29/21	Outfall ID No.: DT-45
Land Uses in Outfall Drainage Area (Select All):	Latitude: ___° ___' ___" 41.348°N
☐ Industrial ☐ Urban Residential	Longitude: ___° ___' ___" -75.961°W
☐ Commercial ☐ Suburban Residential	Dry Weather Inspection? ☑ Yes ☐ No
☐ Open Space ☑ Other:	Date of Previous Precipitation: 6/23/21 (see attached)
municipal maintenance facility	Amount of Previous Precipitation: 0.34 in
Inspector Name(s):	Were Photographs Taken? ☑ Yes ☐ No
Thomas Mayka	Are Photographs Attached? ☑ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☑ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☑ HDPE ☐ Steel ☐ Other	☑ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: 15 in	☐ In Water ☐ With Sediment
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: ___ in Top Width: ___ in Bottom Width: ___	

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☑ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☐ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☐ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☐ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☐ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☐ No (If Yes, No. Samples: _____)

FIELD / LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: _____			Oil and Grease		mg/L
Other: _____			Other: _____		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☐ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

RESPONSIBLE OFFICIAL CERTIFICATION

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 knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Thomas Mayka	Thomas Mayka
Responsible Official Name	Signature
570-696-1133 x309	6/29/21
Telephone No.	Date

D7-45
6/29/21

weather.gov

Weather observations for the past three days

Wilkes-Barre - Scranton, Wilkes-Barre / Scranton International Airport

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metric

Date	Time (edt)	Wind (mph)	Vis. (mi.)	Weather	Sky Cond.	Temperature (°F) Air	Dwpt	6 hour Max.	Min.	Relative Humidity	Wind Chill (°F)	Heat Index (°F)	Pressure altimeter (in)	sea level (mb)	Precipitation (in.) 1 hr	3 hr	6 hr
29	10:54	S 3	10.00	Fair	CLR	88	72			59%	NA	95	30.23	1022.4			
29	09:54	SW 6	10.00	Fair	CLR	86	73			65%	NA	93	30.24	1022.8			
29	08:54	W 7	10.00	Fair	CLR	84	72			67%	NA	90	30.25	1023.3			
29	07:54	SW 6	10.00	Fair	CLR	81	72	81	75	74%	NA	85	30.26	1023.5			
29	06:54	Calm	10.00	Fair	CLR	78	72			82%	NA	80	30.26	1023.4			
29	05:54	Calm	10.00	Fair	CLR	76	71			85%	NA	77	30.25	1023.2			
29	04:54	SW 3	10.00	Fair	CLR	78	71			79%	NA	80	30.24	1022.7			
29	03:54	SW 3	10.00	Mostly Cloudy	BKN080	79	72			79%	NA	82	30.24	1022.7			
29	02:54	Calm	10.00	Fair	CLR	79	71			77%	NA	82	30.23	1022.5			
29	01:54	SW 5	10.00	A Few Clouds	FEW070	79	72	88	79	79%	NA	82	30.23	1022.6			
29	00:54	SW 5	10.00	Fair	CLR	80	72			76%	NA	84	30.23	1022.5			
28	23:54	S 5	10.00	Fair	CLR	81	72			74%	NA	85	30.22	1022.3			
28	22:54	SW 8	10.00	Fair	CLR	83	72			70%	NA	88	30.21	1021.9			
28	21:54	Calm	10.00	Fair	CLR	83	70			65%	NA	87	30.21	1021.8			
28	20:54	Vrbl 3	10.00	Fair	CLR	86	69			57%	NA	90	30.19	1021.3			
28	19:54	SW 10	10.00	Fair	CLR	88	69	95	88	54%	NA	93	30.18	1020.9			
28	18:54	SW 10	10.00	Partly Cloudy	SCT060	92	67			44%	NA	96	30.17	1020.4			
28	17:54	SW 10 G 18	10.00	A Few Clouds	FEW060	92	67			44%	NA	96	30.18	1020.7			
28	16:54	W 13	10.00	Fair	CLR	94	65			38%	NA	96	30.18	1020.8			
28	15:54	W 10 G 21	10.00	Fair	CLR	93	66			41%	NA	96	30.19	1021.1			
28	14:54	SW 13	10.00	A Few Clouds	FEW055	93	67			42%	NA	96	30.21	1021.7			
28	10:54	W 12	10.00	Fair	CLR	86	71			61%	NA	91	30.23	1022.6			
28	09:54	W 10	10.00	Fair	CLR	84	71			65%	NA	89	30.24	1022.7			
28	08:54	SW 7	10.00	Fair	CLR	82	72			72%	NA	87	30.24	1023.0			
28	07:54	Vrbl 5	10.00	Fair	CLR	79	71	79	73	77%	NA	82	30.24	1022.9			
28	06:54	Calm	10.00	Fair	CLR	76	70			82%	NA	77	30.23	1022.7			
28	05:54	Calm	10.00	Fair	CLR	73	70			90%	NA	NA	30.22	1022.1			
28	04:54	Calm	10.00	Fair	CLR	74	70			88%	NA	NA	30.21	1021.8			
28	03:54	Calm	10.00	Fair	CLR	74	70			88%	NA	NA	30.19	1021.3			
28	02:54	Calm	10.00	Fair	CLR	75	70			84%	NA	NA	30.19	1021.1			
28	01:54	SW 6	10.00	Fair	CLR	78	70	84	77	76%	NA	80	30.18	1020.7			

28	00:54	SW 7	10.00	Fair	CLR	78	71			79%	NA	80	30.16	1020.3
27	23:54	SW 9	10.00	Fair	CLR	79	71			77%	NA	82	30.16	1020.0
27	22:54	S 8	10.00	Fair	CLR	80	71			74%	NA	83	30.15	1019.8
27	21:54	SW 6	10.00	Fair	CLR	81	71			72%	NA	85	30.16	1020.2
27	20:54	Vrbl 6	10.00	A Few Clouds	FEW060	82	71			69%	NA	86	30.14	1019.5
27	19:54	Vrbl 6 G 16	10.00	A Few Clouds	FEW070	84	70	90	84	63%	NA	88	30.13	1019.3
27	18:54	S 8	10.00	Partly Cloudy	SCT070	85	69			59%	NA	89	30.13	1019.2
27	17:54	SW 7 G 17	10.00	Partly Cloudy	FEW049 SCT065	87	68			53%	NA	90	30.13	1019.3
27	16:54	S 8	10.00	A Few Clouds	FEW050	87	68			53%	NA	90	30.14	1019.6
27	15:54	SW 10	10.00	A Few Clouds	FEW050	89	69			52%	NA	94	30.14	1019.5
27	14:54	SW 10	10.00	Partly Cloudy	FEW048 SCT060	88	69			54%	NA	93	30.14	1019.6
27	13:54	W 14	10.00	Partly Cloudy	SCT050	90	68	90	77	48%	NA	94	30.15	1019.8
27	12:54	SW 13 G 23	10.00	A Few Clouds	FEW048 FEW070	87	67			51%	NA	90	30.16	1020.1
27	11:54	SW 10	10.00	A Few Clouds	FEW041	86	67			53%	NA	89	30.16	1020.3
27	10:54	SW 13 G 17	10.00	Fair	CLR	85	68			57%	NA	88	30.17	1020.5
27	09:54	SW 10	10.00	A Few Clouds	FEW024	82	69			65%	NA	85	30.17	1020.4
27	08:54	SW 9	10.00	Mostly Cloudy	BKN023	79	69			72%	NA	82	30.17	1020.6
27	07:54	SW 6	10.00	Fair	CLR	77	69	77	70	77%	NA	79	30.17	1020.7
27	06:54	S 3	10.00	Overcast	OVC028	74	69			85%	NA	NA	30.16	1020.5
27	05:54	SW 3	10.00	Mostly Cloudy	BKN027	73	68			84%	NA	NA	30.15	1020.1
27	04:54	Calm	10.00	Mostly Cloudy	BKN025	71	68			90%	NA	NA	30.15	1020.0
27	03:54	Calm	10.00	Partly Cloudy	SCT025	72	68			87%	NA	NA	30.14	1019.5
27	02:54	Calm	10.00	Partly Cloudy	SCT025 SCT031	70	67			90%	NA	NA	30.14	1019.8
27	01:54	Calm	10.00	Fair	CLR	71	67	80	71	87%	NA	NA	30.14	1019.7
27	00:54	Calm	10.00	Fair	CLR	73	68			84%	NA	NA	30.15	1019.9
26	23:54	Vrbl 6	10.00	Fair	CLR	76	69			79%	NA	77	30.14	1019.7
26	22:54	Vrbl 7 G 17	10.00	Fair	CLR	76	69			79%	NA	77	30.15	1019.8
26	21:54	Vrbl 5	10.00	Fair	CLR	77	69			77%	NA	79	30.15	1020.1
26	20:54	Vrbl 7	10.00	Partly Cloudy	SCT045	78	68			71%	NA	80	30.13	1019.6
26	19:54	SW 8	10.00	A Few Clouds	FEW041	80	68	87	80	67%	NA	83	30.13	1019.3
26	18:54	S 9	10.00	Fair	CLR	82	68			63%	NA	85	30.13	1019.2
26	17:54	S 9 G	10.00	A Few	FEW039	83	67			59%	NA	86	30.13	1019.4

		17		Clouds											
26	16:54	S 10 G 17	10.00	A Few Clouds	FEW044	84	68			59%	NA	87	30.14	1019.6	
26	15:54	SW 8 G 16	10.00	Fair	CLR	86	68			55%	NA	89	30.14	1019.6	
26	14:54	S 9 G 17	10.00	Partly Cloudy	FEW045 SCT060	84	65			53%	NA	86	30.16	1020.3	
26	13:54	SW 8 G 17	10.00	A Few Clouds	FEW040	83	66	83	73	57%	NA	85	30.17	1020.9	
26	12:54	S 9 G 17	10.00	Mostly Cloudy	BKN033 BKN060	80	67			64%	NA	82	30.19	1021.4	
26	11:54	Vrbl 5	10.00	Mostly Cloudy	SCT033 BKN040	79	68			69%	NA	81	30.20	1021.6	

Date	Time (edt)	Wind (mph)	Vis. (mi.)	Weather	Sky Cond.	Air	Dwpt	Max.	Min.	Relative Humidity	Wind Chill (°F)	Heat Index (°F)	altimeter (in.)	sea level (mb)	1 hr	3 hr	6 hr
						Temperature (°F)		6 hour					Pressure		Precipitation (in.)		

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Manhattan, NY
80 °F Mostly Cloudy
(/weather/us/ny/manhattan,

41.34 °N, 75.73 °W

Avoca, PA Weather History

77° WILKES-BARRE/SCRANTON INTERNATIONAL AIRPORT STATION (/DASHBOARD/PWS/KPADUPON1?CM_VEN=LOCALWX_PWSDASH) | CHANGE

HISTORY (/HISTORY/DAILY/US/PA/AVOCA/KAVP)

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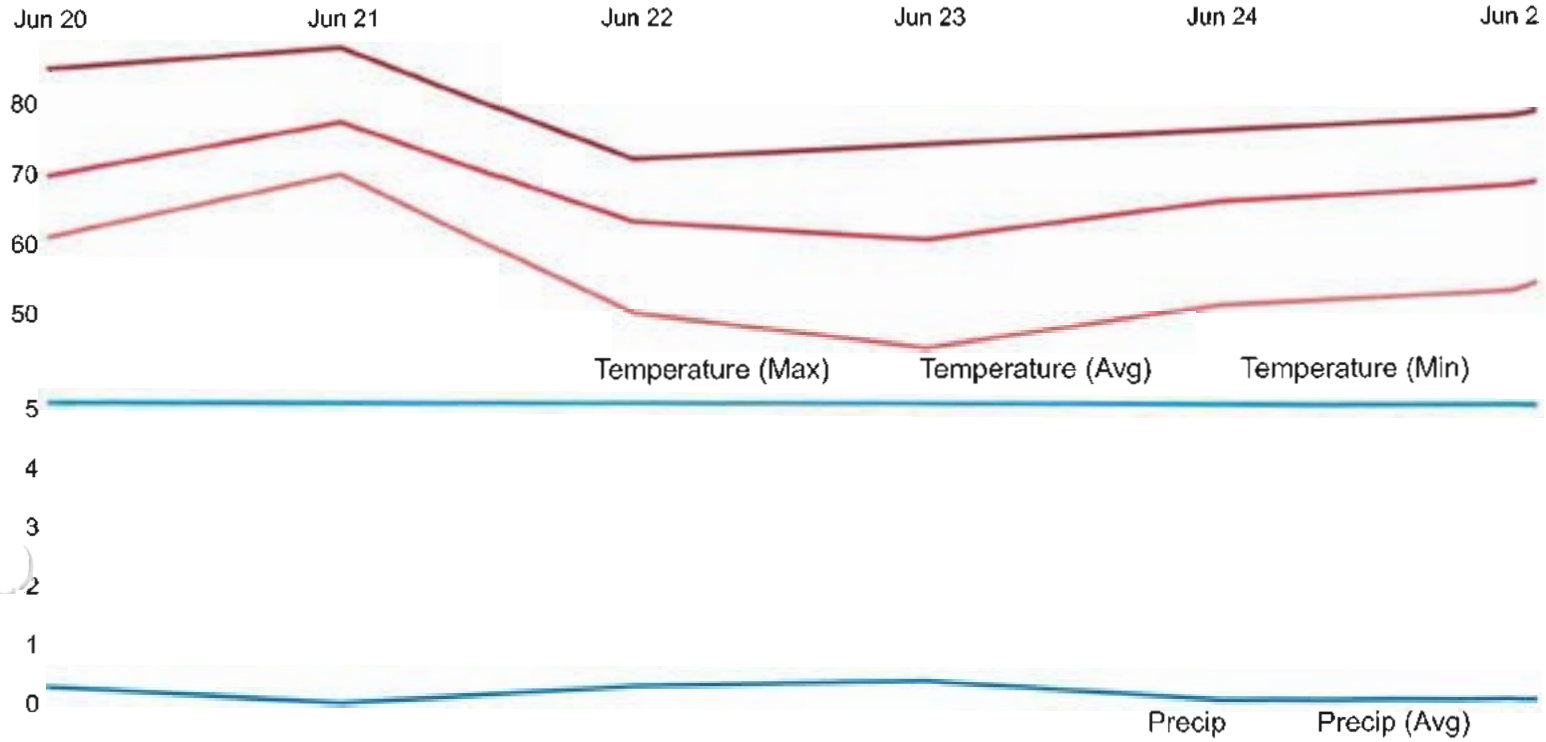
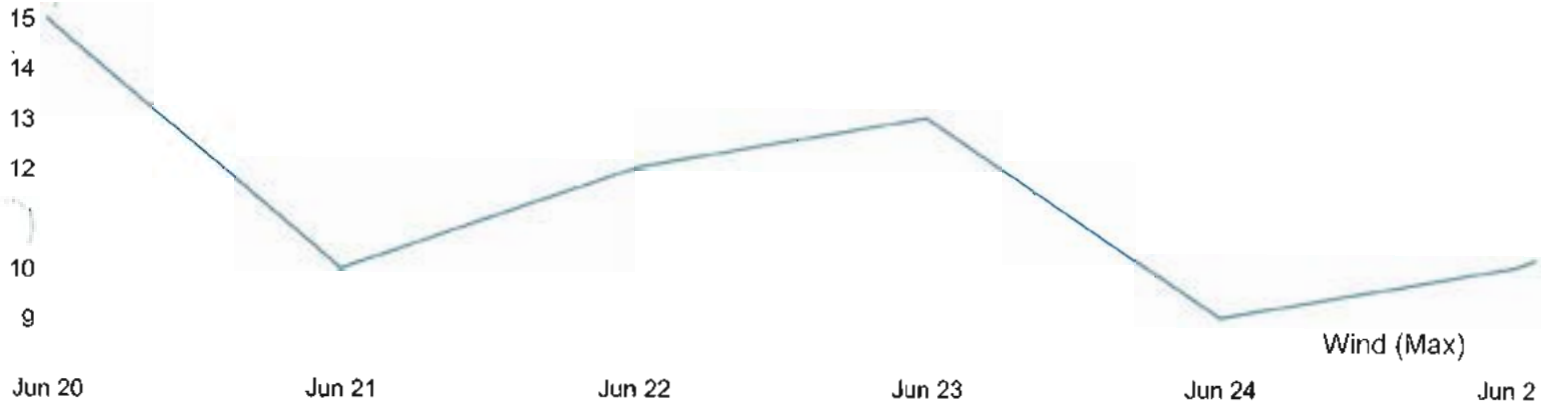
- CALENDAR (/CALENDAR/US/PA/AVOCA/KAVP)
- HISTORY (/HISTORY/DAILY/US/PA/AVOCA/KAVP)
- WUNDERMAP (/WUNDERMAP?LAT=41.337&LON=-75.733)

Daily | Weekly | Monthly

(/history/daily/us/pa/avoca/KAVP/date/2021-6-26) (/history/weekly/us/pa/avoca/KAVP/date/2021-6-26) (/history/monthly/us/pa/avoca/KAVP/date/2021-6)

June | 26 | 2021 | View





Summary

Temperature (° F)	Max	Average	Min
Max Temperature	88	79.86	72
Avg Temperature	77.42	68.5	60.46
Min Temperature	70	56.71	45

Dew Point (° F)	Max	Average	Min
ew Point	72	57.34	43

Precipitation (Inches)	Max	Average	Min	Sum
Precipitation	0.34	0.13	0.00	0.88
Snowdepth	0.00	0.00	0.00	0.00

Wind	Max	Average	Min
Wind	15	5.15	0
Gust Wind	24	1.57	0

Sea Level Pressure	Max	Average	Min
Sea Level Pressure	29.33	29.01	28.56

aily Observations

Time	Temperature (° F)	Dew Point (° F)	Humidity (%)	Wind Speed (mph)	Pressu

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

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DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Dallas Township	NPDES Permit No.: PA PAG 132327
Date of Inspection: 6/7/21	Outfall ID No.: D7-51
Land Uses in Outfall Drainage Area (Select All):	Latitude: ____° ____' ____" 41.348°N
☐ Industrial ☐ Urban Residential	Longitude: ____° ____' ____" -75.979°W
☐ Commercial ☑ Suburban Residential	Dry Weather Inspection? ☑ Yes ☐ No
☐ Open Space ☐ Other:	Date of Previous Precipitation: 6/4/21
Lake St. and Elmwood Dr.	Amount of Previous Precipitation: 0.07 in
Inspector Name(s): Thomas Maylor	Were Photographs Taken? ☑ Yes ☐ No
	Are Photographs Attached? ☑ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☑ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☑ HDPE ☐ Steel ☐ Other	☑ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: 12 in	☐ In Water ☐ With Sediment
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: ____ in Top Width: ____ in Bottom Width: ____	

Dry Weather Flow Present at Outfall During Inspection? ☑ Yes ☐ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☑ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☑ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☑ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☑ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☑ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☑ No (If Yes, No. Samples: _____)

FIELD / LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: _____			Oil and Grease		mg/L
Other: _____			Other: _____		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☑ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

RESPONSIBLE OFFICIAL CERTIFICATION

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 knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Thomas Mayka
Responsible Official Name

Thomas Mayka
Signature

570-696-1132 x309
Telephone No.

6/7/21
Date

DT_51
6/7/21

weather.gov

Weather observations for the past three days

Wilkes-Barre - Scranton, Wilkes-Barre / Scranton International Airport

Enter Your "City, ST" or zip code Go

metric

Date	Time (edt)	Wind (mph)	Vis. (mi.)	Weather	Sky Cond.	Temperature (°F) Air	Dwpt	6 hour Max.	Min.	Relative Humidity	Wind Chill (°F)	Heat Index (°F)	Pressure altimeter (in)	sea level (mb)	Precipitation (in.) 1 hr	3 hr	6 hr
07	07:54	Calm	10.00	Partly Cloudy	SCT075	72	63	73	66	73%	NA	NA	30.13	1019.1			
07	06:54	Calm	10.00	Mostly Cloudy	FEW060 BKN075	69	62			78%	NA	NA	30.11	1018.7			
07	05:54	E 5	10.00	Mostly Cloudy	BKN070	67	61			81%	NA	NA	30.11	1018.6			
07	04:54	E 5	10.00	Mostly Cloudy	BKN075	66	61			84%	NA	NA	30.10	1018.1			
07	03:54	E 3	10.00	A Few Clouds	FEW070	67	61			81%	NA	NA	30.08	1017.7			
07	02:54	SE 3	10.00	A Few Clouds	FEW080	68	61			78%	NA	NA	30.08	1017.6			
07	01:54	E 6	10.00	A Few Clouds	FEW080	70	62	85	69	76%	NA	NA	30.08	1017.7			
07	00:54	E 7	10.00	Fair	CLR	71	62			73%	NA	NA	30.09	1018.0			
06	23:54	E 5	10.00	Fair	CLR	73	62			69%	NA	NA	30.08	1017.6			
06	22:54	SE 3	10.00	A Few Clouds	FEW075	74	62			67%	NA	NA	30.08	1017.5			
06	21:54	E 3	10.00	Fair	CLR	75	63			66%	NA	NA	30.06	1017.0			
06	20:54	SE 3	10.00	Fair	CLR	77	64			64%	NA	79	30.04	1016.3			
06	19:54	SW 3	10.00	Fair	CLR	85	61	90	85	45%	NA	85	30.04	1016.1			
06	18:54	W 8	10.00	Fair	CLR	87	61			42%	NA	87	30.03	1015.9			
06	17:54	W 13 G 18	10.00	Fair	CLR	89	59			36%	NA	88	30.03	1016.0			
06	16:54	W 10	10.00	Fair	CLR	87	59			39%	NA	86	30.04	1016.2			
06	15:54	W 13	10.00	A Few Clouds	FEW070	89	60			38%	NA	89	30.04	1016.4			
06	14:54	W 14	10.00	Fair	CLR	89	60			38%	NA	89	30.05	1016.6			
06	13:54	SW 12 G 21	10.00	Fair	CLR	88	60	89	73	39%	NA	88	30.06	1016.9			
06	12:54	SW 12 G 20	10.00	Fair	CLR	87	59			39%	NA	86	30.08	1017.4			
06	11:54	SW 9	10.00	Fair	CLR	86	58			39%	NA	85	30.09	1017.8			
06	10:54	Vrbl 6	10.00	Fair	CLR	84	63			49%	NA	85	30.10	1018.3			
06	09:54	SW 9	10.00	Fair	CLR	80	63			56%	NA	81	30.10	1018.4			
06	08:54	SW 5	10.00	Fair	CLR	77	63			62%	NA	79	30.10	1018.4			
06	07:54	Calm	10.00	Fair	CLR	73	63	73	62	71%	NA	NA	30.09	1018.0			

06	06:54	Calm	10.00	Fair	CLR	68	61			78%	NA	NA	30.08	1017.7
06	05:54	E 3	10.00	Fair	CLR	63	59			87%	NA	NA	30.06	1017.1
06	04:54	SE 3	10.00	Fair	CLR	65	59			81%	NA	NA	30.04	1016.3
06	03:54	Calm	10.00	A Few Clouds	FEW070	65	60			84%	NA	NA	30.03	1015.8
06	02:54	Calm	10.00	Mostly Cloudy	BKN070	67	60			79%	NA	NA	30.03	1015.7
06	01:54	Calm	10.00	Fair	CLR	67	60	85	67	79%	NA	NA	30.02	1015.6
06	00:54	Calm	10.00	Fair	CLR	73	59			62%	NA	NA	30.02	1015.6
05	23:54	SW 3	10.00	Fair	CLR	74	60			62%	NA	NA	30.01	1015.3
05	22:54	S 5	10.00	Fair	CLR	73	59			62%	NA	NA	30.01	1015.2
05	21:54	S 3	10.00	Fair	CLR	74	60			62%	NA	NA	30.00	1014.9
05	20:54	SW 3	10.00	Fair	CLR	81	58			45%	NA	81	29.97	1014.0
05	19:54	SW 7	10.00	Fair	CLR	85	58	90	85	40%	NA	84	29.94	1013.0
05	18:54	SW 13 G 21	10.00	Fair	CLR	87	57			36%	NA	86	29.93	1012.6
05	17:54	SW 14 G 21	10.00	Fair	CLR	89	57			34%	NA	88	29.92	1012.3
05	16:54	W 13	10.00	Fair	CLR	89	59			36%	NA	88	29.93	1012.4
05	15:54	SW 14	10.00	A Few Clouds	FEW080	89	60			38%	NA	89	29.93	1012.4
05	14:54	SW 17 G 24	10.00	Fair	CLR	86	61			43%	NA	86	29.93	1012.8
05	13:54	SW 15	10.00	Fair	CLR	86	62	86	69	45%	NA	87	29.94	1012.9
05	12:54	SW 12	10.00	Fair	CLR	84	63			49%	NA	85	29.95	1013.5
05	11:54	SW 13	10.00	Fair	CLR	81	64			57%	NA	83	29.96	1013.8
05	10:54	SW 10	10.00	Fair	CLR	78	63			60%	NA	80	29.97	1014.1
05	09:54	SW 12	10.00	Fair	CLR	75	63			66%	NA	NA	29.98	1014.4
05	08:54	SW 10	10.00	Mostly Cloudy	BKN080	70	61			73%	NA	NA	29.99	1014.7
05	07:54	SW 8	10.00	Fair	CLR	69	61	69	57	76%	NA	NA	29.98	1014.3
05	06:54	Calm	10.00	Fair	CLR	63	60			90%	NA	NA	29.97	1014.1
05	05:54	Calm	5.00	Fog/Mist	BKN080	58	57			97%	NA	NA	29.95	1013.6
05	04:54	Calm	9.00	Fair	CLR	58	56			93%	NA	NA	29.95	1013.6
05	03:54	Calm	9.00	Fair	CLR	59	57			93%	NA	NA	29.95	1013.4
05	02:54	Calm	10.00	Fair	CLR	60	58			93%	NA	NA	29.95	1013.7
05	01:54	Calm	10.00	Fair	CLR	60	58	73	60	93%	NA	NA	29.95	1013.8
05	00:54	Calm	10.00	Fair	CLR	61	59			93%	NA	NA	29.96	1013.9
04	23:54	E 3	10.00	Fair	CLR	63	60			90%	NA	NA	29.95	1013.6
04	22:54	Calm	10.00	Fair	CLR	64	61			90%	NA	NA	29.95	1013.4
04	21:54	E 3	10.00	Fair	CLR	65	62			90%	NA	NA	29.95	1013.5

04	20:54	Calm	10.00	Fair	CLR	67	64			91%	NA	NA	29.94	1013.1				
04	19:54	SW 5	10.00	Fair	CLR	73	63	76	66	71%	NA	NA	29.91	1012.0				0.07
04	18:54	SW 8	10.00	Fair	CLR	76	63			64%	NA	78	29.90	1011.7				
04	17:54	W 3	10.00	Fair	CLR	74	62			67%	NA	NA	29.90	1011.6				
04	16:54	W 5	10.00	Fair	CLR	75	63			66%	NA	NA	29.89	1011.6		0.07		
04	15:54	W 6	10.00	Fair	CLR	73	64			74%	NA	NA	29.91	1011.9				
04	14:54	S 3	10.00	Partly Cloudy	FEW044 SCT090 SCT110	68	65			90%	NA	NA	29.92	1012.7	0.07			
04	13:54	W 6	7.00	Light Rain	FEW075 BKN090 OVC110	68	63	74	67	84%	NA	NA	29.92	1012.5	0.02			0.09
04	12:54	Calm	5.00	Light Rain Fog/Mist	SCT070 OVC090	67	64			91%	NA	NA	29.93	1012.9	0.07			
04	11:54	N 7	5.00	Rain	FEW032 BKN075 OVC110	70	64			82%	NA	NA	29.93	1012.7				
04	10:54	Calm	10.00	Mostly Cloudy	FEW022 SCT055 BKN075	72	62			71%	NA	NA	29.94	1013.0				
04	09:54	Calm	10.00	A Few Clouds	FEW022	71	63			76%	NA	NA	29.94	1013.2				
04	08:54	NW 3	6.00	Fog/Mist	FEW009 SCT020 BKN120	68	64			87%	NA	NA	29.95	1013.3				
Date	Time (edt)	Wind (mph)	Vis. (mi.)	Weather	Sky Cond.	Air	Dwpt	Max. 6 hour	Min. 6 hour	Relative Humidity	Wind Chill (°F)	Heat Index (°F)	altimeter (in.)	sea level (mb)	1 hr	3 hr	6 hr	
						Temperature (°F)							Pressure		Precipitation (in.)			

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Southern Region Headquarters
Fort Worth, Texas
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DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Dallas Township	NPDES Permit No.: PA PAG132323
Date of Inspection: 6/14/21	Outfall ID No.: D7-52
Land Uses in Outfall Drainage Area (Select All):	Latitude: ___° ___' ___" 41.341°N
☐ Industrial ☐ Urban Residential	Longitude: ___° ___' ___" -75.975°W
☑ Commercial ☐ Suburban Residential	Dry Weather Inspection? ☑ Yes ☐ No
☐ Open Space ☐ Other:	Date of Previous Precipitation: 6/11/21
	Amount of Previous Precipitation: 0.05 in
Inspector Name(s): Thomas Mayle	Were Photographs Taken? ☑ Yes ☐ No
	Are Photographs Attached? ☑ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☑ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☑ Steel ☐ Other	☑ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: 36 in	☐ In Water ☐ With Sediment
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: ____ in Top Width: ____ in Bottom Width: ____	

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☑ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☐ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☐ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☐ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☐ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☐ No (If Yes, No. Samples: _____)

FIELD / LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: _____			Oil and Grease		mg/L
Other: _____			Other: _____		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☐ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

RESPONSIBLE OFFICIAL CERTIFICATION

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 knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Thomas Mayke
Responsible Official Name

Thomas Mayke
Signature

570-696-1123 x 309
Telephone No.

6/14/21
Date

D7-52 6/14/21

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Weather observations for the past three days

Wilkes-Barre - Scranton, Wilkes-Barre / Scranton International Airport

Enter Your "City, ST" or zip code Go

metric

Date	Time (edt)	Wind (mph)	Vis. (mi.)	Weather	Sky Cond.	Temperature (°F) Air	Dwpt	6 hour Max.	Min.	Relative Humidity	Wind Chill (°F)	Heat Index (°F)	Pressure altimeter (in)	sea level (mb)	Precipitation (in.) 1 hr	3 hr	6 hr
14	06:54	SW 6	10.00	Overcast	BKN022 BKN029 OVC041	68	62			81%	NA	NA	29.82	1008.9			
14	05:54	Vrbl 3	10.00	Overcast	FEW014 BKN025 OVC037	68	62			81%	NA	NA	29.82	1008.8			
14	04:54	Calm	10.00	Overcast	OVC016	69	63			81%	NA	NA	29.82	1008.9			
14	03:54	S 3	10.00	Overcast	OVC017	69	63			81%	NA	NA	29.82	1009.0			
14	02:53	SW 8	10.00	Partly Cloudy	FEW014 SCT022	69	64			84%	NA	NA	29.81	1008.5			
14	01:54	Vrbl 6	10.00	Overcast	OVC015	70	64	73	69	82%	NA	NA	29.83	1009.2			
14	00:54	SW 5	10.00	Fair	CLR	70	64			82%	NA	NA	29.83	1009.2			
13	23:54	SW 6	10.00	A Few Clouds	FEW017 FEW046	69	64			84%	NA	NA	29.86	1010.5			
13	22:54	Calm	10.00	Mostly Cloudy	SCT017 BKN040	70	64			82%	NA	NA	29.88	1010.9			
13	21:54	Vrbl 6	10.00	Fair	CLR	73	64			74%	NA	NA	29.87	1010.5			
13	20:54	Vrbl 6	10.00	Fair	CLR	71	64			79%	NA	NA	29.86	1010.4			
13	19:54	Vrbl 5	10.00	Fair	CLR	72	64	78	72	76%	NA	NA	29.85	1009.9			
13	18:54	Calm	10.00	Fair	CLR	74	64			71%	NA	NA	29.84	1009.6			
13	17:54	S 6	10.00	Fair	CLR	75	64			69%	NA	NA	29.84	1009.9			
13	16:54	SW 6	10.00	Mostly Cloudy	BKN055	77	64			64%	NA	79	29.86	1010.4			
13	15:54	SW 6	10.00	Mostly Cloudy	BKN050	76	64			67%	NA	78	29.88	1011.0			
13	14:54	SW 8	10.00	Mostly Cloudy	BKN023 BKN048	77	65			66%	NA	79	29.89	1011.4			
13	13:54	Vrbl 3	10.00	Mostly Cloudy	SCT022 BKN034 BKN045	74	64	75	66	71%	NA	NA	29.89	1011.6			
13	12:54	SW 6	10.00	Overcast	BKN017 OVC032	71	63			76%	NA	NA	29.91	1012.1			
13	11:54	SW 8	10.00	Overcast	OVC017	71	62			73%	NA	NA	29.92	1012.5			
13	10:54	SW 6	10.00	Overcast	OVC017	70	62			76%	NA	NA	29.92	1012.4			
13	09:54	SW 5	10.00	Overcast	OVC021	68	62			81%	NA	NA	29.92	1012.3			
13	08:54	Calm	10.00	Overcast	OVC014	67	61			81%	NA	NA	29.92	1012.4			

13	07:54	Calm	10.00	Overcast	OVC015	65	60	65	63	84%	NA	NA	29.92	1012.3
13	06:54	Calm	10.00	Overcast	BKN023 BKN055 OVC090	65	60			84%	NA	NA	29.92	1012.3
13	05:54	Calm	10.00	Overcast	BKN026 OVC036	64	59			84%	NA	NA	29.91	1012.0
13	04:54	Calm	10.00	Overcast	BKN055 OVC085	64	59			84%	NA	NA	29.91	1012.0
13	03:54	Calm	10.00	Overcast	BKN024 BKN050 OVC085	63	60			90%	NA	NA	29.90	1011.7
13	02:54	Calm	10.00	Overcast	SCT023 OVC085	65	60			84%	NA	NA	29.89	1011.6
13	01:54	E 3	9.00	Mostly Cloudy	BKN020	64	60	73	63	87%	NA	NA	29.90	1011.9
13	00:54	E 5	10.00	Fair	CLR	63	60			90%	NA	NA	29.90	1011.7
12	23:54	E 3	10.00	Mostly Cloudy	BKN070	64	61			90%	NA	NA	29.91	1012.1
12	22:54	Calm	10.00	Fair	CLR	65	61			87%	NA	NA	29.90	1011.9
12	21:54	E 3	10.00	Fair	CLR	68	61			78%	NA	NA	29.88	1011.3
12	20:54	Vrbl 3	10.00	A Few Clouds	FEW028	68	62			81%	NA	NA	29.86	1010.4
12	19:54	Calm	10.00	Partly Cloudy	SCT030	73	62	76	70	69%	NA	NA	29.84	1009.9
12	18:54	SW 5	10.00	A Few Clouds	FEW075	74	61			64%	NA	NA	29.85	1010.1
12	17:54	Calm	10.00	A Few Clouds	FEW075	74	61			64%	NA	NA	29.85	1010.1
12	16:54	E 5	10.00	Mostly Cloudy	FEW022 SCT040 BKN060	72	62			71%	NA	NA	29.86	1010.5
12	15:54	Calm	10.00	Overcast	OVC041	71	60			68%	NA	NA	29.88	1011.0
12	14:54	Calm	10.00	Overcast	OVC025	70	60			71%	NA	NA	29.88	1011.2
12	13:54	E 3	10.00	Overcast	SCT021 OVC028	70	60	72	61	71%	NA	NA	29.88	1011.1
12	12:54	SW 3	10.00	Overcast	OVC020	68	60			76%	NA	NA	29.88	1011.2
12	11:54	NW 3	10.00	Overcast	OVC016	67	59			76%	NA	NA	29.89	1011.5
12	10:54	W 3	10.00	Overcast	BKN017 OVC065	66	58			75%	NA	NA	29.87	1011.1
12	09:54	Calm	10.00	Overcast	OVC017	64	57			78%	NA	NA	29.88	1011.4
12	08:54	NW 5	10.00	Overcast	OVC020	63	56			78%	NA	NA	29.88	1011.3
12	07:54	S 3	10.00	Overcast	OVC025	61	56	61	59	84%	NA	NA	29.86	1010.7
12	06:54	Calm	10.00	Overcast	OVC016	60	56			86%	NA	NA	29.87	1011.1
12	05:54	Calm	10.00	Overcast	OVC017	60	56			86%	NA	NA	29.86	1010.8
12	04:54	Calm	10.00	Overcast	OVC018	60	55			84%	NA	NA	29.85	1010.3
12	03:54	SW 3	10.00	Overcast	BKN016 OVC022	60	55			84%	NA	NA	29.85	1010.3
12	02:54	SW 3	10.00	Overcast	OVC015	60	55			84%	NA	NA	29.88	1011.3
12	01:54	SW 3	10.00	Overcast	BKN014 OVC019	60	56	64	59	86%	NA	NA	29.89	1011.6

12	00:54	Calm	10.00	Overcast	OVC018	61	55			81%	NA	NA	29.92	1012.6			
11	23:54	Calm	10.00	Overcast	OVC020	60	56			86%	NA	NA	29.91	1012.4			
11	22:54	E 3	10.00	Overcast	OVC019	60	56			86%	NA	NA	29.92	1012.5			
11	21:54	Calm	10.00	Overcast	OVC018	59	56			90%	NA	NA	29.91	1012.2			
11	20:54	Calm	10.00	Overcast	OVC021	61	56			84%	NA	NA	29.91	1012.3			
11	19:54	Calm	10.00	Partly Cloudy	FEW090 SCT120	64	55	65	61	73%	NA	NA	29.89	1011.7			0.05
11	18:54	Vrbl 3	10.00	Light Rain	BKN025 BKN050 OVC090	62	56			80%	NA	NA	29.92	1012.8			
11	17:54	Calm	10.00	Overcast	OVC024	64	58			81%	NA	NA	29.93	1012.9			
11	16:54	W 3	10.00	Overcast	OVC025	63	58			84%	NA	NA	29.94	1013.3	0.05	0.05	
11	15:54	Calm	2.50	Light Rain	OVC026	62	57			84%	NA	NA	29.95	1013.7			
11	14:54	Calm	10.00	Overcast	OVC027	64	54			70%	NA	NA	29.97	1014.2			
11	13:54	SW 7	10.00	Light Rain	OVC031	64	54	68	63	70%	NA	NA	29.97	1014.3			
11	12:54	Vrbl 3	10.00	Overcast	OVC039	65	52			63%	NA	NA	29.98	1014.7			
11	11:54	Calm	10.00	Overcast	OVC040	67	51			57%	NA	NA	29.99	1014.7			
11	10:54	E 3	10.00	Overcast	BKN042 OVC050	67	51			57%	NA	NA	29.99	1015.0			
11	09:54	Vrbl 3	10.00	Overcast	OVC041	66	50			56%	NA	NA	30.00	1015.1			
11	08:54	NE 3	10.00	Overcast	OVC050	67	49			53%	NA	NA	29.99	1014.9			
11	07:54	NE 5	10.00	Overcast	FEW050 BKN070 OVC095	63	49	67	61	60%	NA	NA	30.00	1015.0			
Date	Time (edt)	Wind (mph)	Vis. (mi.)	Weather	Sky Cond.	Air	Dwpt	Max.	Min.	Relative Humidity	Wind Chill (°F)	Heat Index (°F)	altimeter (in.)	sea level (mb)	1 hr	3 hr	6 hr
						Temperature (°F)		6 hour					Pressure		Precipitation (in.)		

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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Dallas Township	NPDES Permit No.: PA ~~[illegible]~~ PAG 132323
Date of Inspection: 6/28/21	Outfall ID No.: D7-56
Land Uses in Outfall Drainage Area (Select All):	Latitude: ____° ____' ____" 41.349°N
☐ Industrial ☐ Urban Residential	Longitude: ____° ____' ____" -75.960°W
☐ Commercial ☐ Suburban Residential	Dry Weather Inspection? ☑ Yes ☐ No
☐ Open Space ☑ Other:	Date of Previous Precipitation: 6/23/21 (see attached)
outside back gate of maint. facility	Amount of Previous Precipitation: 0.34 in
Inspector Name(s): Thomas Mayka	Were Photographs Taken? ☑ Yes ☐ No
	Are Photographs Attached? ☑ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☑ Closed Pipe	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☑ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: 18 in	☐ In Water ☐ With Sediment
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: ____ in Top Width: ____ in Bottom Width: ____	

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☑ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☐ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☐ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☐ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☐ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☐ No (If Yes, No. Samples: _____)

FIELD / LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: _____			Oil and Grease		mg/L
Other: _____			Other: _____		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☐ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

RESPONSIBLE OFFICIAL CERTIFICATION

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 knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Thomas Mayka	Thomas Mayka
Responsible Official Name	Signature
570-696-1133 x 309	6/28/21
Telephone No.	Date

DT-56
6/23/21

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Weather observations for the past three days

Wilkes-Barre - Scranton, Wilkes-Barre / Scranton International Airport

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metric

Date	Time (edt)	Wind (mph)	Vis. (mi.)	Weather	Sky Cond.	Temperature (°F) Air	Dwpt	6 hour Max.	Min.	Relative Humidity	Wind Chill (°F)	Heat Index (°F)	Pressure altimeter (in)	sea level (mb)	Precipitation (in.) 1 hr	3 hr	6 hr
28	09:54	W 10	10.00	Fair	CLR	84	71			65%	NA	89	30.24	1022.7			
28	08:54	SW 7	10.00	Fair	CLR	82	72			72%	NA	87	30.24	1023.0			
28	07:54	Vrbl 5	10.00	Fair	CLR	79	71	79	73	77%	NA	82	30.24	1022.9			
28	06:54	Calm	10.00	Fair	CLR	76	70			82%	NA	77	30.23	1022.7			
28	05:54	Calm	10.00	Fair	CLR	73	70			90%	NA	NA	30.22	1022.1			
28	04:54	Calm	10.00	Fair	CLR	74	70			88%	NA	NA	30.21	1021.8			
28	03:54	Calm	10.00	Fair	CLR	74	70			88%	NA	NA	30.19	1021.3			
28	02:54	Calm	10.00	Fair	CLR	75	70			84%	NA	NA	30.19	1021.1			
28	01:54	SW 6	10.00	Fair	CLR	78	70	84	77	76%	NA	80	30.18	1020.7			
28	00:54	SW 7	10.00	Fair	CLR	78	71			79%	NA	80	30.16	1020.3			
27	23:54	SW 9	10.00	Fair	CLR	79	71			77%	NA	82	30.16	1020.0			
27	22:54	S 8	10.00	Fair	CLR	80	71			74%	NA	83	30.15	1019.8			
27	21:54	SW 6	10.00	Fair	CLR	81	71			72%	NA	85	30.16	1020.2			
27	20:54	Vrbl 6	10.00	A Few Clouds	FEW060	82	71			69%	NA	86	30.14	1019.5			
27	19:54	Vrbl 6 G 16	10.00	A Few Clouds	FEW070	84	70	90	84	63%	NA	88	30.13	1019.3			
27	18:54	S 8	10.00	Partly Cloudy	SCT070	85	69			59%	NA	89	30.13	1019.2			
27	17:54	SW 7 G 17	10.00	Partly Cloudy	FEW049 SCT065	87	68			53%	NA	90	30.13	1019.3			
27	16:54	S 8	10.00	A Few Clouds	FEW050	87	68			53%	NA	90	30.14	1019.6			
27	15:54	SW 10	10.00	A Few Clouds	FEW050	89	69			52%	NA	94	30.14	1019.5			
27	14:54	SW 10	10.00	Partly Cloudy	FEW048 SCT060	88	69			54%	NA	93	30.14	1019.6			
27	13:54	W 14	10.00	Partly Cloudy	SCT050	90	68	90	77	48%	NA	94	30.15	1019.8			
27	12:54	SW 13 G 23	10.00	A Few Clouds	FEW048 FEW070	87	67			51%	NA	90	30.16	1020.1			
27	11:54	SW 10	10.00	A Few Clouds	FEW041	86	67			53%	NA	89	30.16	1020.3			
27	10:54	SW 13 G 17	10.00	Fair	CLR	85	68			57%	NA	88	30.17	1020.5			
27	09:54	SW 10	10.00	A Few Clouds	FEW024	82	69			65%	NA	85	30.17	1020.4			
27	08:54	SW 9	10.00	Mostly Cloudy	BKN023	79	69			72%	NA	82	30.17	1020.6			
27	07:54	SW 6	10.00	Fair	CLR	77	69	77	70	77%	NA	79	30.17	1020.7			

27	06:54	S 3	10.00	Overcast	OVC028	74	69			85%	NA	NA	30.16	1020.5
27	05:54	SW 3	10.00	Mostly Cloudy	BKN027	73	68			84%	NA	NA	30.15	1020.1
27	04:54	Calm	10.00	Mostly Cloudy	BKN025	71	68			90%	NA	NA	30.15	1020.0
27	03:54	Calm	10.00	Partly Cloudy	SCT025	72	68			87%	NA	NA	30.14	1019.5
27	02:54	Calm	10.00	Partly Cloudy	SCT025 SCT031	70	67			90%	NA	NA	30.14	1019.8
27	01:54	Calm	10.00	Fair	CLR	71	67	80	71	87%	NA	NA	30.14	1019.7
27	00:54	Calm	10.00	Fair	CLR	73	68			84%	NA	NA	30.15	1019.9
26	23:54	Vrbl 6	10.00	Fair	CLR	76	69			79%	NA	77	30.14	1019.7
26	22:54	Vrbl 7 G 17	10.00	Fair	CLR	76	69			79%	NA	77	30.15	1019.8
26	21:54	Vrbl 5	10.00	Fair	CLR	77	69			77%	NA	79	30.15	1020.1
26	20:54	Vrbl 7	10.00	Partly Cloudy	SCT045	78	68			71%	NA	80	30.13	1019.6
26	19:54	SW 8	10.00	A Few Clouds	FEW041	80	68	87	80	67%	NA	83	30.13	1019.3
26	18:54	S 9	10.00	Fair	CLR	82	68			63%	NA	85	30.13	1019.2
26	17:54	S 9 G 17	10.00	A Few Clouds	FEW039	83	67			59%	NA	86	30.13	1019.4
26	16:54	S 10 G 17	10.00	A Few Clouds	FEW044	84	68			59%	NA	87	30.14	1019.6
26	15:54	SW 8 G 16	10.00	Fair	CLR	86	68			55%	NA	89	30.14	1019.6
26	14:54	S 9 G 17	10.00	Partly Cloudy	FEW045 SCT060	84	65			53%	NA	86	30.16	1020.3
26	13:54	SW 8 G 17	10.00	A Few Clouds	FEW040	83	66	83	73	57%	NA	85	30.17	1020.9
26	12:54	S 9 G 17	10.00	Mostly Cloudy	BKN033 BKN060	80	67			64%	NA	82	30.19	1021.4
26	11:54	Vrbl 5	10.00	Mostly Cloudy	SCT033 BKN040	79	68			69%	NA	81	30.20	1021.6
26	10:54	SW 7	10.00	Partly Cloudy	SCT032	77	67			71%	NA	79	30.21	1022.1
26	09:54	SW 12	10.00	Overcast	OVC025	75	66			74%	NA	NA	30.22	1022.5
26	08:54	SW 7	10.00	Overcast	OVC022	74	66			76%	NA	NA	30.23	1022.8
26	07:54	S 7	10.00	Overcast	FEW019 BKN027 OVC055	73	66	73	67	79%	NA	NA	30.21	1022.2
26	06:54	SW 8	10.00	Overcast	BKN015 OVC022	71	65			81%	NA	NA	30.21	1022.3
26	05:54	SW 5	10.00	Overcast	OVC017	70	65			84%	NA	NA	30.22	1022.5
26	04:54	Vrbl 3	10.00	Overcast	SCT014 BKN020 OVC060	69	63			81%	NA	NA	30.20	1021.9
26	03:54	S 5	10.00	Overcast	BKN022 OVC028	68	62			81%	NA	NA	30.21	1022.1
26	02:54	Vrbl 6	10.00	Fair	CLR	68	61			78%	NA	NA	30.21	1022.1
26	01:54	W 5	10.00	Fair	CLR	67	58	74	67	73%	NA	NA	30.21	1022.1
26	00:54	Vrbl 7	10.00	Fair	CLR	69	56			63%	NA	NA	30.19	1021.7
25	23:54	S 9	10.00	Fair	CLR	70	53			55%	NA	NA	30.20	1022.0

25	22:54	Vrbl 3	10.00	Fair	CLR	68	51			55%	NA	NA	30.22	1022.5			
25	21:54	Calm	10.00	Fair	CLR	67	54			63%	NA	NA	30.21	1022.3			
25	20:54	Vrbl 3	10.00	Fair	CLR	70	54			57%	NA	NA	30.22	1022.6			
25	19:54	Vrbl 3	10.00	Fair	CLR	74	54	79	74	50%	NA	NA	30.22	1022.5			
25	18:54	S 5	10.00	Fair	CLR	77	54			45%	NA	78	30.22	1022.6			
25	17:54	S 9	10.00	Fair	CLR	78	55			45%	NA	79	30.22	1022.6			
25	16:54	Vrbl 7	10.00	Fair	CLR	78	55			45%	NA	79	30.22	1022.9			
25	15:54	S 8 G 17	10.00	Fair	CLR	78	55			45%	NA	79	30.23	1023.0			
25	14:54	SW 7	10.00	Fair	CLR	78	55			45%	NA	79	30.24	1023.5			
25	13:54	SW 10	10.00	Fair	CLR	78	56	78	63	47%	NA	79	30.26	1023.9			
25	12:54	S 9	10.00	Fair	CLR	76	55			48%	NA	78	30.27	1024.4			
25	11:54	SW 8	10.00	Fair	CLR	74	54			50%	NA	NA	30.29	1025.1			
25	10:54	N 6	10.00	Fair	CLR	72	54			53%	NA	NA	30.30	1025.5			
Date	Time (edt)	Wind (mph)	Vis. (mi.)	Weather	Sky Cond.	Air	Dwpt	Max. 6 hour	Min. 6 hour	Relative Humidity	Wind Chill (°F)	Heat Index (°F)	altimeter (in.)	sea level (mb)	1 hr	3 hr	6 hr
						Temperature (°F)							Pressure		Precipitation (in.)		

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58 °F Cloudy
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Manhattan, NY
80 °F Mostly Cloudy
(/weather/us/ny/manhattan

41.34 °N, 75.73 °W

Avoca, PA Weather History

77° WILKES-BARRE/SCRANTON INTERNATIONAL AIRPORT STATION (/DASHBOARD/PWS/KPADUPON1?CM_VEN=LOCALWX_PWSDASH) | CHANGE

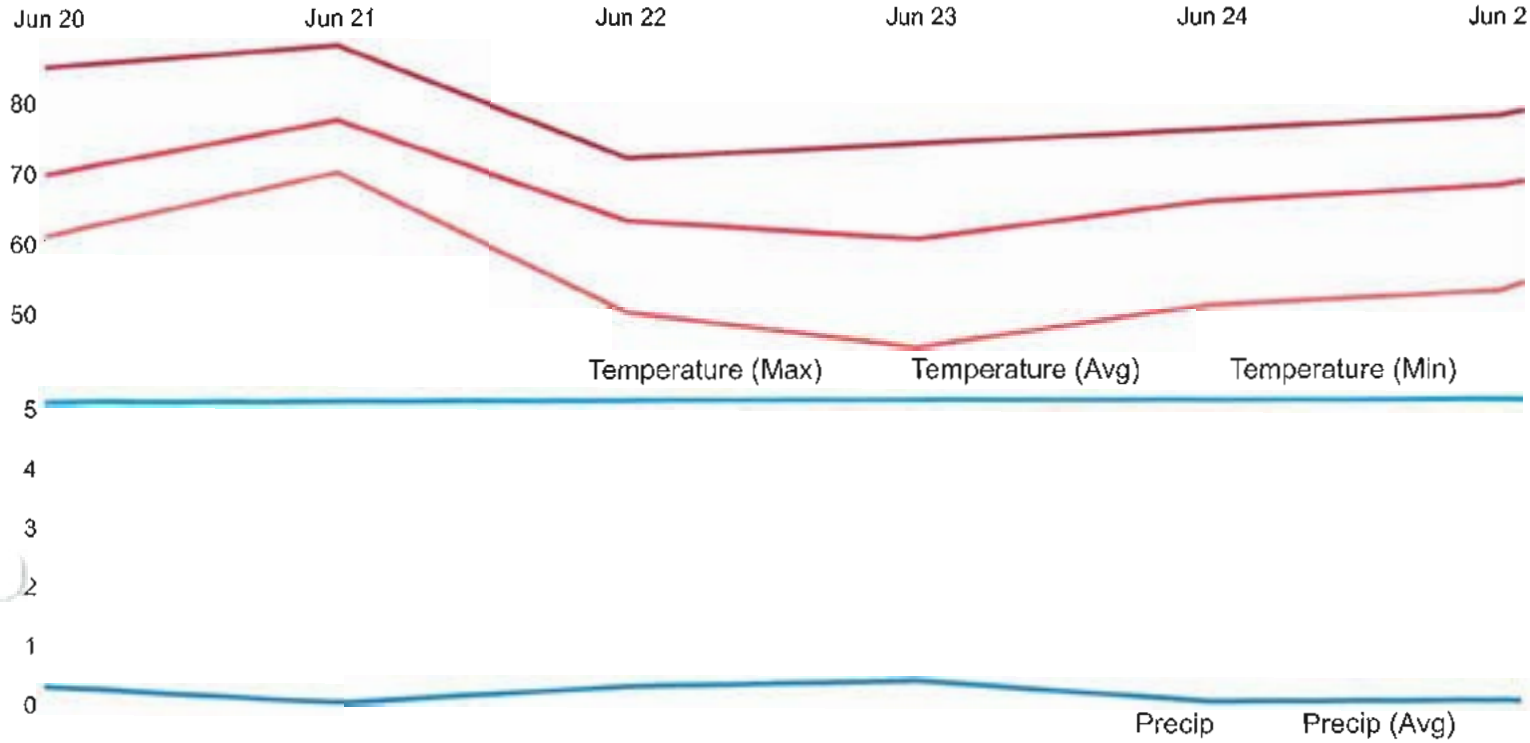
HISTORY (/HISTORY/DAILY/US/PA/AVOCA/KAVP)

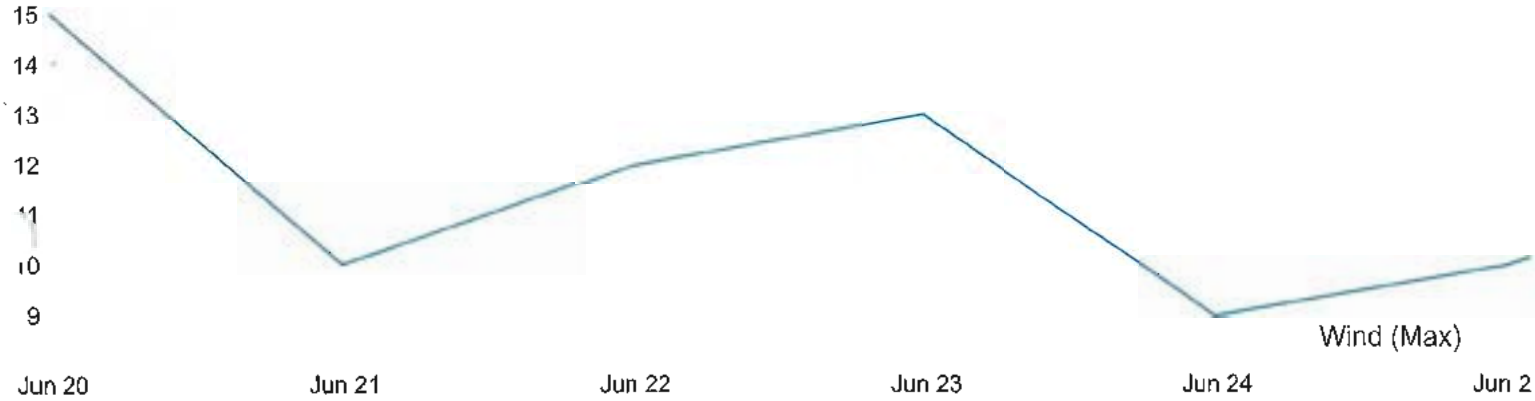
- TODAY (/WEATHER/US/PA/AVOCA/KAVP)
- HOURLY (/HOURLY/US/PA/AVOCA/KAVP)
- 10-DAY (/FORECAST/US/PA/AVOCA/KAVP)
- CALENDAR (/CALENDAR/US/PA/AVOCA/KAVP)
- HISTORY (/HISTORY/DAILY/US/PA/AVOCA/KAVP)
- WUNDERMAP (/WUNDERMAP?LAT=41.337&LON=-75.733)

Daily | Weekly | Monthly

(/history/daily/us/pa/avoca/KAVP/date/2021-6-26) (/history/weekly/us/pa/avoca/KAVP/date/2021-6-26) (/history/monthly/us/pa/avoca/KAVP/date/2021-6)

June | 26 | 2021 | View





Summary

Temperature (° F)	Max	Average	Min
Max Temperature	88	79.86	72
Avg Temperature	77.42	68.5	60.46
Min Temperature	70	56.71	45

Dew Point (° F)	Max	Average	Min
ew Point	72	57.34	43

Precipitation (Inches)	Max	Average	Min	Sum
Precipitation	0.34	0.13	0.00	0.88
Snowdepth	0.00	0.00	0.00	0.00

Wind	Max	Average	Min
Wind	15	5.15	0
Gust Wind	24	1.57	0

Sea Level Pressure	Max	Average	Min
Sea Level Pressure	29.33	29.01	28.56

Daily Observations

Time	Temperature (° F)	Dew Point (° F)	Humidity (%)	Wind Speed (mph)	Pressu

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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Dallas Township	NPDES Permit No.: PA PAG 132323
Date of Inspection: 6/28/21	Outfall ID No.: DT_58
Land Uses in Outfall Drainage Area (Select All):	Latitude: ___°___'___" 41.348°N
☐ Industrial ☐ Urban Residential	Longitude: ___°___'___" -75.960°W
☐ Commercial ☐ Suburban Residential	Dry Weather Inspection? ☑ Yes ☐ No
☐ Open Space ☑ Other:	Date of Previous Precipitation: 6/27/21 (see attached)
municipal maintenance facility	Amount of Previous Precipitation: 0.34 in
Inspector Name(s): Thomas Mayka	Were Photographs Taken? ☑ Yes ☐ No
	Are Photographs Attached? ☑ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☑ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☑ HDPE ☐ Steel ☐ Other	☑ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: 15 in	☐ In Water ☐ With Sediment
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: ____ in Top Width: ____ in Bottom Width: ____	

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☑ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☐ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☐ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☐ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☐ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☐ No (If Yes, No. Samples: _____)

FIELD / LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: _____			Oil and Grease		mg/L
Other: _____			Other: _____		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☐ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

RESPONSIBLE OFFICIAL CERTIFICATION

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 knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Thomas Mayka
Responsible Official Name

Thomas Mayka
Signature

570-696-1133 x309
Telephone No.

6/28/21
Date

DT_58

6/28/21

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Weather observations for the past three days

Wilkes-Barre - Scranton, Wilkes-Barre / Scranton International Airport

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metric

Date	Time (edt)	Wind (mph)	Vis. (mi.)	Weather	Sky Cond.	Temperature (°F) Air	Dwpt	6 hour Max.	Min.	Relative Humidity	Wind Chill (°F)	Heat Index (°F)	Pressure altimeter (in)	sea level (mb)	Precipitation (in.) 1 hr	3 hr	6 hr
28	09:54	W 10	10.00	Fair	CLR	84	71			65%	NA	89	30.24	1022.7			
28	08:54	SW 7	10.00	Fair	CLR	82	72			72%	NA	87	30.24	1023.0			
28	07:54	Vrbl 5	10.00	Fair	CLR	79	71	79	73	77%	NA	82	30.24	1022.9			
28	06:54	Calm	10.00	Fair	CLR	76	70			82%	NA	77	30.23	1022.7			
28	05:54	Calm	10.00	Fair	CLR	73	70			90%	NA	NA	30.22	1022.1			
28	04:54	Calm	10.00	Fair	CLR	74	70			88%	NA	NA	30.21	1021.8			
28	03:54	Calm	10.00	Fair	CLR	74	70			88%	NA	NA	30.19	1021.3			
28	02:54	Calm	10.00	Fair	CLR	75	70			84%	NA	NA	30.19	1021.1			
28	01:54	SW 6	10.00	Fair	CLR	78	70	84	77	76%	NA	80	30.18	1020.7			
28	00:54	SW 7	10.00	Fair	CLR	78	71			79%	NA	80	30.16	1020.3			
27	23:54	SW 9	10.00	Fair	CLR	79	71			77%	NA	82	30.16	1020.0			
27	22:54	S 8	10.00	Fair	CLR	80	71			74%	NA	83	30.15	1019.8			
27	21:54	SW 6	10.00	Fair	CLR	81	71			72%	NA	85	30.16	1020.2			
27	20:54	Vrbl 6	10.00	A Few Clouds	FEW060	82	71			69%	NA	86	30.14	1019.5			
27	19:54	Vrbl 6 G 16	10.00	A Few Clouds	FEW070	84	70	90	84	63%	NA	88	30.13	1019.3			
27	18:54	S 8	10.00	Partly Cloudy	SCT070	85	69			59%	NA	89	30.13	1019.2			
27	17:54	SW 7 G 17	10.00	Partly Cloudy	FEW049 SCT065	87	68			53%	NA	90	30.13	1019.3			
27	16:54	S 8	10.00	A Few Clouds	FEW050	87	68			53%	NA	90	30.14	1019.6			
27	15:54	SW 10	10.00	A Few Clouds	FEW050	89	69			52%	NA	94	30.14	1019.5			
27	14:54	SW 10	10.00	Partly Cloudy	FEW048 SCT060	88	69			54%	NA	93	30.14	1019.6			
27	13:54	W 14	10.00	Partly Cloudy	SCT050	90	68	90	77	48%	NA	94	30.15	1019.8			
27	12:54	SW 13 G 23	10.00	A Few Clouds	FEW048 FEW070	87	67			51%	NA	90	30.16	1020.1			
27	11:54	SW 10	10.00	A Few Clouds	FEW041	86	67			53%	NA	89	30.16	1020.3			
27	10:54	SW 13 G 17	10.00	Fair	CLR	85	68			57%	NA	88	30.17	1020.5			
27	09:54	SW 10	10.00	A Few Clouds	FEW024	82	69			65%	NA	85	30.17	1020.4			
27	08:54	SW 9	10.00	Mostly Cloudy	BKN023	79	69			72%	NA	82	30.17	1020.6			
27	07:54	SW 6	10.00	Fair	CLR	77	69	77	70	77%	NA	79	30.17	1020.7			

27	06:54	S 3	10.00	Overcast	OVC028	74	69			85%	NA	NA	30.16	1020.5
27	05:54	SW 3	10.00	Mostly Cloudy	BKN027	73	68			84%	NA	NA	30.15	1020.1
27	04:54	Calm	10.00	Mostly Cloudy	BKN025	71	68			90%	NA	NA	30.15	1020.0
27	03:54	Calm	10.00	Partly Cloudy	SCT025	72	68			87%	NA	NA	30.14	1019.5
27	02:54	Calm	10.00	Partly Cloudy	SCT025 SCT031	70	67			90%	NA	NA	30.14	1019.8
27	01:54	Calm	10.00	Fair	CLR	71	67	80	71	87%	NA	NA	30.14	1019.7
27	00:54	Calm	10.00	Fair	CLR	73	68			84%	NA	NA	30.15	1019.9
26	23:54	Vrbl 6	10.00	Fair	CLR	76	69			79%	NA	77	30.14	1019.7
26	22:54	Vrbl 7 G 17	10.00	Fair	CLR	76	69			79%	NA	77	30.15	1019.8
26	21:54	Vrbl 5	10.00	Fair	CLR	77	69			77%	NA	79	30.15	1020.1
26	20:54	Vrbl 7	10.00	Partly Cloudy	SCT045	78	68			71%	NA	80	30.13	1019.6
26	19:54	SW 8	10.00	A Few Clouds	FEW041	80	68	87	80	67%	NA	83	30.13	1019.3
26	18:54	S 9	10.00	Fair	CLR	82	68			63%	NA	85	30.13	1019.2
26	17:54	S 9 G 17	10.00	A Few Clouds	FEW039	83	67			59%	NA	86	30.13	1019.4
26	16:54	S 10 G 17	10.00	A Few Clouds	FEW044	84	68			59%	NA	87	30.14	1019.6
26	15:54	SW 8 G 16	10.00	Fair	CLR	86	68			55%	NA	89	30.14	1019.6
26	14:54	S 9 G 17	10.00	Partly Cloudy	FEW045 SCT060	84	65			53%	NA	86	30.16	1020.3
26	13:54	SW 8 G 17	10.00	A Few Clouds	FEW040	83	66	83	73	57%	NA	85	30.17	1020.9
26	12:54	S 9 G 17	10.00	Mostly Cloudy	BKN033 BKN060	80	67			64%	NA	82	30.19	1021.4
26	11:54	Vrbl 5	10.00	Mostly Cloudy	SCT033 BKN040	79	68			69%	NA	81	30.20	1021.6
26	10:54	SW 7	10.00	Partly Cloudy	SCT032	77	67			71%	NA	79	30.21	1022.1
26	09:54	SW 12	10.00	Overcast	OVC025	75	66			74%	NA	NA	30.22	1022.5
26	08:54	SW 7	10.00	Overcast	OVC022	74	66			76%	NA	NA	30.23	1022.8
26	07:54	S 7	10.00	Overcast	FEW019 BKN027 OVC055	73	66	73	67	79%	NA	NA	30.21	1022.2
26	06:54	SW 8	10.00	Overcast	BKN015 OVC022	71	65			81%	NA	NA	30.21	1022.3
26	05:54	SW 5	10.00	Overcast	OVC017	70	65			84%	NA	NA	30.22	1022.5
26	04:54	Vrbl 3	10.00	Overcast	SCT014 BKN020 OVC060	69	63			81%	NA	NA	30.20	1021.9
26	03:54	S 5	10.00	Overcast	BKN022 OVC028	68	62			81%	NA	NA	30.21	1022.1
26	02:54	Vrbl 6	10.00	Fair	CLR	68	61			78%	NA	NA	30.21	1022.1
26	01:54	W 5	10.00	Fair	CLR	67	58	74	67	73%	NA	NA	30.21	1022.1
26	00:54	Vrbl 7	10.00	Fair	CLR	69	56			63%	NA	NA	30.19	1021.7
25	23:54	S 9	10.00	Fair	CLR	70	53			55%	NA	NA	30.20	1022.0

25	22:54	Vrbl 3	10.00	Fair	CLR	68	51			55%	NA	NA	30.22	1022.5			
25	21:54	Calm	10.00	Fair	CLR	67	54			63%	NA	NA	30.21	1022.3			
25	20:54	Vrbl 3	10.00	Fair	CLR	70	54			57%	NA	NA	30.22	1022.6			
25	19:54	Vrbl 3	10.00	Fair	CLR	74	54	79	74	50%	NA	NA	30.22	1022.5			
25	18:54	S 5	10.00	Fair	CLR	77	54			45%	NA	78	30.22	1022.6			
25	17:54	S 9	10.00	Fair	CLR	78	55			45%	NA	79	30.22	1022.6			
25	16:54	Vrbl 7	10.00	Fair	CLR	78	55			45%	NA	79	30.22	1022.9			
25	15:54	S 8 G 17	10.00	Fair	CLR	78	55			45%	NA	79	30.23	1023.0			
25	14:54	SW 7	10.00	Fair	CLR	78	55			45%	NA	79	30.24	1023.5			
25	13:54	SW 10	10.00	Fair	CLR	78	56	78	63	47%	NA	79	30.26	1023.9			
25	12:54	S 9	10.00	Fair	CLR	76	55			48%	NA	78	30.27	1024.4			
25	11:54	SW 8	10.00	Fair	CLR	74	54			50%	NA	NA	30.29	1025.1			
25	10:54	N 6	10.00	Fair	CLR	72	54			53%	NA	NA	30.30	1025.5			
Date	Time (edt)	Wind (mph)	Vis. (mi.)	Weather	Sky Cond.	Air	Dwpt	Max. 6 hour	Min. 6 hour	Relative Humidity	Wind Chill (°F)	Heat Index (°F)	allimeter (in.)	sea level (mb)	1 hr	3 hr	6 hr
						Temperature (°F)							Pressure		Precipitation (in.)		

National Weather Service
Southern Region Headquarters
Fort Worth, Texas
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(/weather/us/ny/manhattan

41.34 °N, 75.73 °W

Avoca, PA Weather History

77° WILKES-BARRE/SCRANTON INTERNATIONAL AIRPORT STATION (/DASHBOARD/PWS/KPADUPON1?CM_VEN=LOCALWX_PWSDASH) | CHANGE

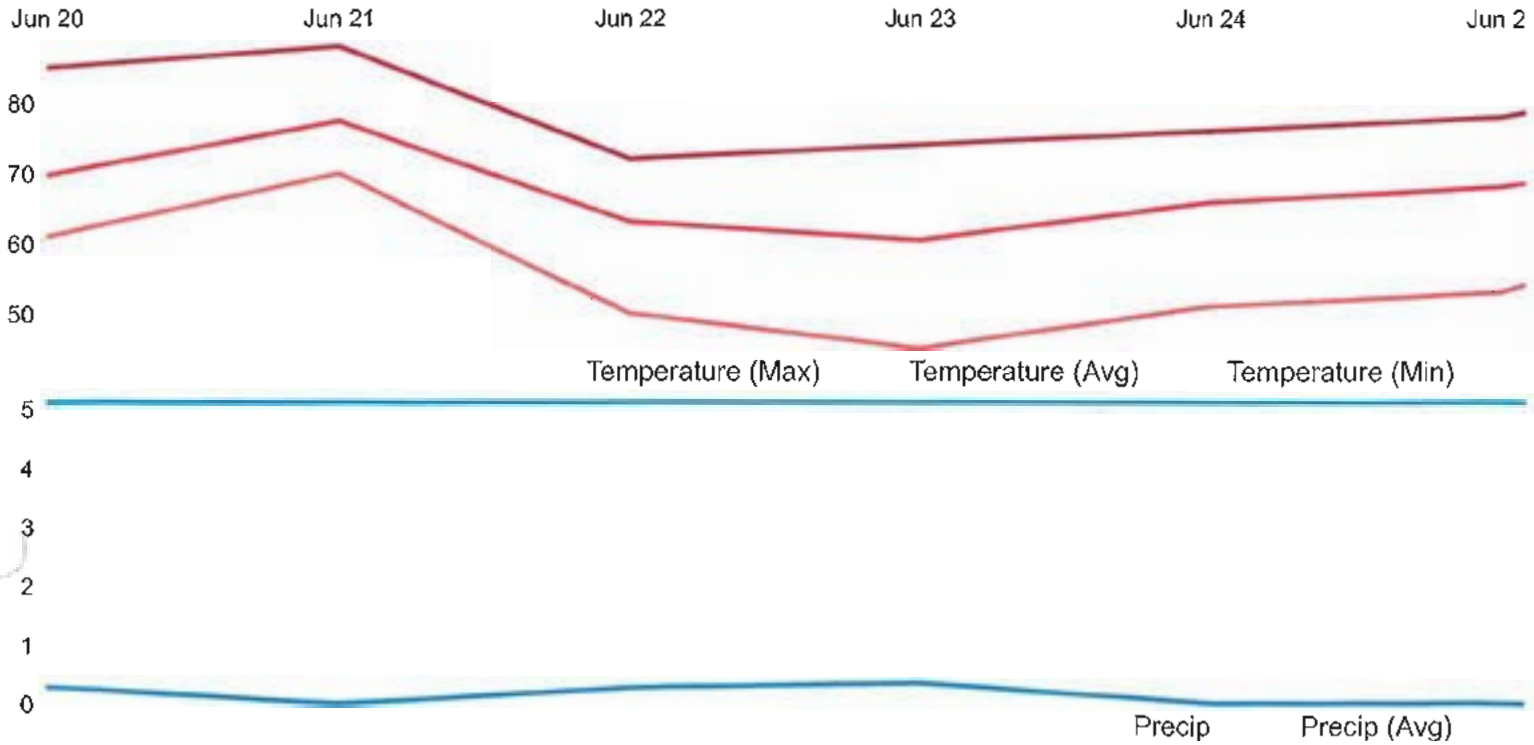
HISTORY (/HISTORY/DAILY/US/PA/AVOCA/KAVP)

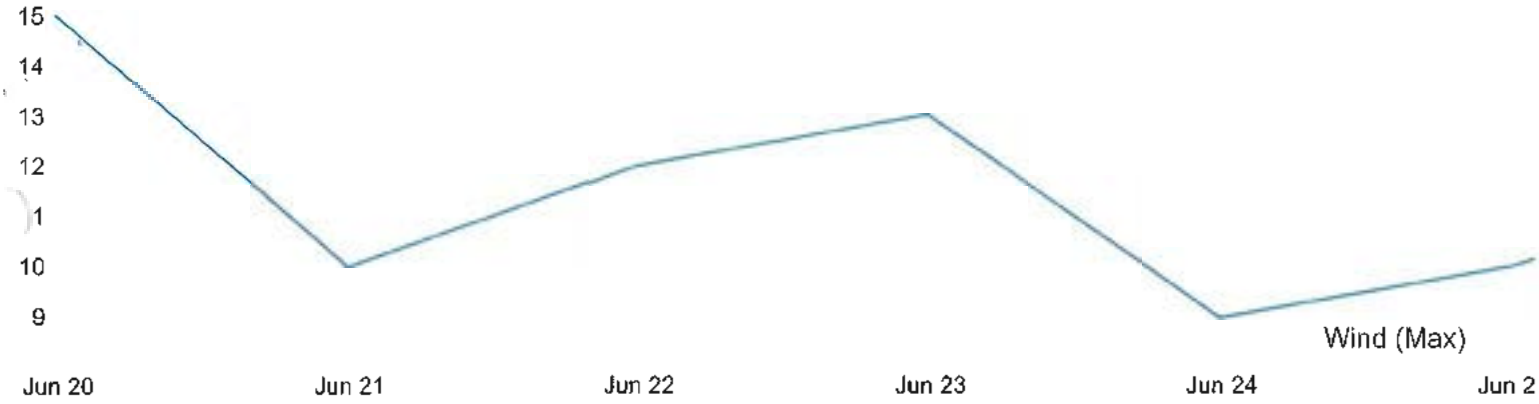
- TODAY (/WEATHER/US/PA/AVOCA/KAVP)
- HOURLY (/HOURLY/US/PA/AVOCA/KAVP)
- 10-DAY (/FORECAST/US/PA/AVOCA/KAVP)
- CALENDAR (/CALENDAR/US/PA/AVOCA/KAVP)
- HISTORY (/HISTORY/DAILY/US/PA/AVOCA/KAVP)
- WUNDERMAP (/WUNDERMAP?LAT=41.337&LON=-75.733)

Daily | **Weekly** | Monthly

(/history/daily/us/pa/avoca/KAVP/date/2021-6-26) (/history/weekly/us/pa/avoca/KAVP/date/2021-6-26) (/history/monthly/us/pa/avoca/KAVP/date/2021-6)

June | 26 | 2021 | View





Summary

Temperature (° F)	Max	Average	Min
Max Temperature	88	79.86	72
Avg Temperature	77.42	68.5	60.46
Min Temperature	70	56.71	45

Dew Point (° F)	Max	Average	Min
Dew Point	72	57.34	43

Precipitation (Inches)	Max	Average	Min	Sum
Precipitation	0.34	0.13	0.00	0.88
Snowdepth	0.00	0.00	0.00	0.00

Wind	Max	Average	Min
Wind	15	5.15	0
Gust Wind	24	1.57	0

Sea Level Pressure	Max	Average	Min
Sea Level Pressure	29.33	29.01	28.56

)aily Observations

Time	Temperature (° F)	Dew Point (° F)	Humidity (%)	Wind Speed (mph)	Pressu

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

Southside Park

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Dallas Township	NPDES Permit No.: PA PAG132323
Date of Inspection: 6/14/21	Outfall ID No.: DT-64
Land Uses in Outfall Drainage Area (Select All):	Latitude: ___° ___' ___" 41.338N
☐ Industrial ☐ Urban Residential	Longitude: ___° ___' ___" -75.960W
☐ Commercial ☐ Suburban Residential	Dry Weather Inspection? ☑ Yes ☐ No
☑ Open Space ☐ Other:	Date of Previous Precipitation: 6/11/21
	Amount of Previous Precipitation: 0.05 in
Inspector Name(s):	Were Photographs Taken? ☑ Yes ☐ No
	Are Photographs Attached? ☑ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☑ Closed Pipe	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☑ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: 24 in	☐ In Water ☐ With Sediment
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: ___ in Top Width: ___ in Bottom Width: ___	

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☐ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☑ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☑ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☑ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☑ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☑ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☑ No (If Yes, No. Samples: _____)

FIELD / LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: _____			Oil and Grease		mg/L
Other: _____			Other: _____		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☑ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

RESPONSIBLE OFFICIAL CERTIFICATION

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 knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Thomas Mayka	Thomas Mayka
Responsible Official Name	Signature
570-696-1133 x 309	6/14/21
Telephone No.	Date

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Weather observations for the past three days

Wilkes-Barre - Scranton, Wilkes-Barre / Scranton International Airport

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metric

Date	Time (edt)	Wind (mph)	Vis. (mi.)	Weather	Sky Cond.	Temperature (°F) Air	Dwpt	6 hour Max.	Min.	Relative Humidity	Wind Chill (°F)	Heat Index (°F)	Pressure altimeter (in)	sea level (mb)	Precipitation (in.) 1 hr	3 hr	6 hr
14	06:54	SW 6	10.00	Overcast	BKN022 BKN029 OVC041	68	62			81%	NA	NA	29.82	1008.9			
14	05:54	Vrbl 3	10.00	Overcast	FEW014 BKN025 OVC037	68	62			81%	NA	NA	29.82	1008.8			
14	04:54	Calm	10.00	Overcast	OVC016	69	63			81%	NA	NA	29.82	1008.9			
14	03:54	S 3	10.00	Overcast	OVC017	69	63			81%	NA	NA	29.82	1009.0			
14	02:53	SW 8	10.00	Partly Cloudy	FEW014 SCT022	69	64			84%	NA	NA	29.81	1008.5			
14	01:54	Vrbl 6	10.00	Overcast	OVC015	70	64	73	69	82%	NA	NA	29.83	1009.2			
14	00:54	SW 5	10.00	Fair	CLR	70	64			82%	NA	NA	29.83	1009.2			
13	23:54	SW 6	10.00	A Few Clouds	FEW017 FEW046	69	64			84%	NA	NA	29.86	1010.5			
13	22:54	Calm	10.00	Mostly Cloudy	SCT017 BKN040	70	64			82%	NA	NA	29.88	1010.9			
13	21:54	Vrbl 6	10.00	Fair	CLR	73	64			74%	NA	NA	29.87	1010.5			
13	20:54	Vrbl 6	10.00	Fair	CLR	71	64			79%	NA	NA	29.86	1010.4			
13	19:54	Vrbl 5	10.00	Fair	CLR	72	64	78	72	76%	NA	NA	29.85	1009.9			
13	18:54	Calm	10.00	Fair	CLR	74	64			71%	NA	NA	29.84	1009.6			
13	17:54	S 6	10.00	Fair	CLR	75	64			69%	NA	NA	29.84	1009.9			
13	16:54	SW 6	10.00	Mostly Cloudy	BKN055	77	64			64%	NA	79	29.86	1010.4			
13	15:54	SW 6	10.00	Mostly Cloudy	BKN050	76	64			67%	NA	78	29.88	1011.0			
13	14:54	SW 8	10.00	Mostly Cloudy	BKN023 BKN048	77	65			66%	NA	79	29.89	1011.4			
13	13:54	Vrbl 3	10.00	Mostly Cloudy	SCT022 BKN034 BKN045	74	64	75	66	71%	NA	NA	29.89	1011.6			
13	12:54	SW 6	10.00	Overcast	BKN017 OVC032	71	63			76%	NA	NA	29.91	1012.1			
13	11:54	SW 8	10.00	Overcast	OVC017	71	62			73%	NA	NA	29.92	1012.5			
13	10:54	SW 6	10.00	Overcast	OVC017	70	62			76%	NA	NA	29.92	1012.4			
13	09:54	SW 5	10.00	Overcast	OVC021	68	62			81%	NA	NA	29.92	1012.3			
13	08:54	Calm	10.00	Overcast	OVC014	67	61			81%	NA	NA	29.92	1012.4			

13	07:54	Calm	10.00	Overcast	OVC015	65	60	65	63	84%	NA	NA	29.92	1012.3
13	06:54	Calm	10.00	Overcast	BKN023 BKN055 OVC090	65	60			84%	NA	NA	29.92	1012.3
13	05:54	Calm	10.00	Overcast	BKN026 OVC036	64	59			84%	NA	NA	29.91	1012.0
13	04:54	Calm	10.00	Overcast	BKN055 OVC085	64	59			84%	NA	NA	29.91	1012.0
13	03:54	Calm	10.00	Overcast	BKN024 BKN050 OVC085	63	60			90%	NA	NA	29.90	1011.7
13	02:54	Calm	10.00	Overcast	SCT023 OVC085	65	60			84%	NA	NA	29.89	1011.6
13	01:54	E 3	9.00	Mostly Cloudy	BKN020	64	60	73	63	87%	NA	NA	29.90	1011.9
13	00:54	E 5	10.00	Fair	CLR	63	60			90%	NA	NA	29.90	1011.7
12	23:54	E 3	10.00	Mostly Cloudy	BKN070	64	61			90%	NA	NA	29.91	1012.1
12	22:54	Calm	10.00	Fair	CLR	65	61			87%	NA	NA	29.90	1011.9
12	21:54	E 3	10.00	Fair	CLR	68	61			78%	NA	NA	29.88	1011.3
12	20:54	Vrbl 3	10.00	A Few Clouds	FEW028	68	62			81%	NA	NA	29.86	1010.4
12	19:54	Calm	10.00	Partly Cloudy	SCT030	73	62	76	70	69%	NA	NA	29.84	1009.9
12	18:54	SW 5	10.00	A Few Clouds	FEW075	74	61			64%	NA	NA	29.85	1010.1
12	17:54	Calm	10.00	A Few Clouds	FEW075	74	61			64%	NA	NA	29.85	1010.1
12	16:54	E 5	10.00	Mostly Cloudy	FEW022 SCT040 BKN060	72	62			71%	NA	NA	29.86	1010.5
12	15:54	Calm	10.00	Overcast	OVC041	71	60			68%	NA	NA	29.88	1011.0
12	14:54	Calm	10.00	Overcast	OVC025	70	60			71%	NA	NA	29.88	1011.2
12	13:54	E 3	10.00	Overcast	SCT021 OVC028	70	60	72	61	71%	NA	NA	29.88	1011.1
12	12:54	SW 3	10.00	Overcast	OVC020	68	60			76%	NA	NA	29.88	1011.2
12	11:54	NW 3	10.00	Overcast	OVC016	67	59			76%	NA	NA	29.89	1011.5
12	10:54	W 3	10.00	Overcast	BKN017 OVC065	66	58			75%	NA	NA	29.87	1011.1
12	09:54	Calm	10.00	Overcast	OVC017	64	57			78%	NA	NA	29.88	1011.4
12	08:54	NW 5	10.00	Overcast	OVC020	63	56			78%	NA	NA	29.88	1011.3
12	07:54	S 3	10.00	Overcast	OVC025	61	56	61	59	84%	NA	NA	29.86	1010.7
12	06:54	Calm	10.00	Overcast	OVC016	60	56			86%	NA	NA	29.87	1011.1
12	05:54	Calm	10.00	Overcast	OVC017	60	56			86%	NA	NA	29.86	1010.8
12	04:54	Calm	10.00	Overcast	OVC018	60	55			84%	NA	NA	29.85	1010.3
12	03:54	SW 3	10.00	Overcast	BKN016 OVC022	60	55			84%	NA	NA	29.85	1010.3
12	02:54	SW 3	10.00	Overcast	OVC015	60	55			84%	NA	NA	29.88	1011.3
12	01:54	SW 3	10.00	Overcast	BKN014 OVC019	60	56	64	59	86%	NA	NA	29.89	1011.6

12	00:54	Calm	10.00	Overcast	OVC018	61	55			81%	NA	NA	29.92	1012.6			
11	23:54	Calm	10.00	Overcast	OVC020	60	56			86%	NA	NA	29.91	1012.4			
11	22:54	E 3	10.00	Overcast	OVC019	60	56			86%	NA	NA	29.92	1012.5			
11	21:54	Calm	10.00	Overcast	OVC018	59	56			90%	NA	NA	29.91	1012.2			
11	20:54	Calm	10.00	Overcast	OVC021	61	56			84%	NA	NA	29.91	1012.3			
11	19:54	Calm	10.00	Partly Cloudy	FEW090 SCT120	64	55	65	61	73%	NA	NA	29.89	1011.7			0.05
11	18:54	Vrbl 3	10.00	Light Rain	BKN025 BKN050 OVC090	62	56			80%	NA	NA	29.92	1012.8			
11	17:54	Calm	10.00	Overcast	OVC024	64	58			81%	NA	NA	29.93	1012.9			
11	16:54	W 3	10.00	Overcast	OVC025	63	58			84%	NA	NA	29.94	1013.3	0.05	0.05	
11	15:54	Calm	2.50	Light Rain	OVC026	62	57			84%	NA	NA	29.95	1013.7			
11	14:54	Calm	10.00	Overcast	OVC027	64	54			70%	NA	NA	29.97	1014.2			
11	13:54	SW 7	10.00	Light Rain	OVC031	64	54	68	63	70%	NA	NA	29.97	1014.3			
11	12:54	Vrbl 3	10.00	Overcast	OVC039	65	52			63%	NA	NA	29.98	1014.7			
11	11:54	Calm	10.00	Overcast	OVC040	67	51			57%	NA	NA	29.99	1014.7			
11	10:54	E 3	10.00	Overcast	BKN042 OVC050	67	51			57%	NA	NA	29.99	1015.0			
11	09:54	Vrbl 3	10.00	Overcast	OVC041	66	50			56%	NA	NA	30.00	1015.1			
11	08:54	NE 3	10.00	Overcast	OVC050	67	49			53%	NA	NA	29.99	1014.9			
11	07:54	NE 5	10.00	Overcast	FEW050 BKN070 OVC095	63	49	67	61	60%	NA	NA	30.00	1015.0			
Date	Time (edt)	Wind (mph)	Vis. (mi.)	Weather	Sky Cond.	Air	Dwpt	Max.	Min.	Relative Humidity	Wind Chill (°F)	Heat Index (°F)	altimeter (in.)	sea level (mb)	1 hr	3 hr	6 hr
						Temperature (°F)		6 hour					Pressure		Precipitation (in.)		

National Weather Service
Southern Region Headquarters
Fort Worth, Texas
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DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

Fern Knoll Cemetery

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Dallas Township	NPDES Permit No.: PAG ~~172234~~ 132323
Date of Inspection: 6/14/21	Outfall ID No.: DT-66
Land Uses in Outfall Drainage Area (Select All):	Latitude: ~~41~~° ___ ' ___ " 41.346° N
☐ Industrial ☐ Urban Residential	Longitude: ___ ° ___ ' ___ " -75.966 W
☐ Commercial ☑ Suburban Residential	Dry Weather Inspection? ☑ Yes ☐ No
☐ Open Space ☐ Other:	Date of Previous Precipitation: ~~N/A~~ 6/11/21
	Amount of Previous Precipitation: 0.05 in
Inspector Name(s): Thomas, Marlea	Were Photographs Taken? ☑ Yes ☐ No
	Are Photographs Attached? ☑ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☑ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☑ HDPE ☐ Steel ☐ Other	☑ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: 12 in	☐ In Water ☐ With Sediment
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: ___ in Top Width: ___ in Bottom Width: ___	

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☑ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☐ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☐ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☐ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☐ No
If Yes, provide a description below.

Fern Knoll Cemetery

Were sample(s) collected of the dry weather flow? ☐ Yes ☐ No (If Yes, No. Samples: _____)

FIELD / LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: _____			Oil and Grease		mg/L
Other: _____			Other: _____		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☐ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

RESPONSIBLE OFFICIAL CERTIFICATION

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 knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Thomas Mayka	Thomas Mayka
Responsible Official Name	Signature
570-696-1133 x309	6/14/21
Telephone No.	Date

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Weather observations for the past three days

Wilkes-Barre - Scranton, Wilkes-Barre / Scranton International Airport

Enter Your "City, ST" or zip code Go

metric

Date	Time (edt)	Wind (mph)	Vis. (mi.)	Weather	Sky Cond.	Temperature (°F) Air	Dwpt	6 hour Max.	Min.	Relative Humidity	Wind Chill (°F)	Heat Index (°F)	Pressure altimeter (in)	sea level (mb)	Precipitation (in.) 1 hr	3 hr	6 hr
14	06:54	SW 6	10.00	Overcast	BKN022 BKN029 OVC041	68	62			81%	NA	NA	29.82	1008.9			
14	05:54	Vrbl 3	10.00	Overcast	FEW014 BKN025 OVC037	68	62			81%	NA	NA	29.82	1008.8			
14	04:54	Calm	10.00	Overcast	OVC016	69	63			81%	NA	NA	29.82	1008.9			
14	03:54	S 3	10.00	Overcast	OVC017	69	63			81%	NA	NA	29.82	1009.0			
14	02:53	SW 8	10.00	Partly Cloudy	FEW014 SCT022	69	64			84%	NA	NA	29.81	1008.5			
14	01:54	Vrbl 6	10.00	Overcast	OVC015	70	64	73	69	82%	NA	NA	29.83	1009.2			
14	00:54	SW 5	10.00	Fair	CLR	70	64			82%	NA	NA	29.83	1009.2			
13	23:54	SW 6	10.00	A Few Clouds	FEW017 FEW046	69	64			84%	NA	NA	29.86	1010.5			
13	22:54	Calm	10.00	Mostly Cloudy	SCT017 BKN040	70	64			82%	NA	NA	29.88	1010.9			
13	21:54	Vrbl 6	10.00	Fair	CLR	73	64			74%	NA	NA	29.87	1010.5			
13	20:54	Vrbl 6	10.00	Fair	CLR	71	64			79%	NA	NA	29.86	1010.4			
13	19:54	Vrbl 5	10.00	Fair	CLR	72	64	78	72	76%	NA	NA	29.85	1009.9			
13	18:54	Calm	10.00	Fair	CLR	74	64			71%	NA	NA	29.84	1009.6			
13	17:54	S 6	10.00	Fair	CLR	75	64			69%	NA	NA	29.84	1009.9			
13	16:54	SW 6	10.00	Mostly Cloudy	BKN055	77	64			64%	NA	79	29.86	1010.4			
13	15:54	SW 6	10.00	Mostly Cloudy	BKN050	76	64			67%	NA	78	29.88	1011.0			
13	14:54	SW 8	10.00	Mostly Cloudy	BKN023 BKN048	77	65			66%	NA	79	29.89	1011.4			
13	13:54	Vrbl 3	10.00	Mostly Cloudy	SCT022 BKN034 BKN045	74	64	75	66	71%	NA	NA	29.89	1011.6			
13	12:54	SW 6	10.00	Overcast	BKN017 OVC032	71	63			76%	NA	NA	29.91	1012.1			
13	11:54	SW 8	10.00	Overcast	OVC017	71	62			73%	NA	NA	29.92	1012.5			
13	10:54	SW 6	10.00	Overcast	OVC017	70	62			76%	NA	NA	29.92	1012.4			
13	09:54	SW 5	10.00	Overcast	OVC021	68	62			81%	NA	NA	29.92	1012.3			
13	08:54	Calm	10.00	Overcast	OVC014	67	61			81%	NA	NA	29.92	1012.4			

13	07:54	Calm	10.00	Overcast	OVC015	65	60	65	63	84%	NA	NA	29.92	1012.3
13	06:54	Calm	10.00	Overcast	BKN023 BKN055 OVC090	65	60			84%	NA	NA	29.92	1012.3
13	05:54	Calm	10.00	Overcast	BKN026 OVC036	64	59			84%	NA	NA	29.91	1012.0
13	04:54	Calm	10.00	Overcast	BKN055 OVC085	64	59			84%	NA	NA	29.91	1012.0
13	03:54	Calm	10.00	Overcast	BKN024 BKN050 OVC085	63	60			90%	NA	NA	29.90	1011.7
13	02:54	Calm	10.00	Overcast	SCT023 OVC085	65	60			84%	NA	NA	29.89	1011.6
13	01:54	E 3	9.00	Mostly Cloudy	BKN020	64	60	73	63	87%	NA	NA	29.90	1011.9
13	00:54	E 5	10.00	Fair	CLR	63	60			90%	NA	NA	29.90	1011.7
12	23:54	E 3	10.00	Mostly Cloudy	BKN070	64	61			90%	NA	NA	29.91	1012.1
12	22:54	Calm	10.00	Fair	CLR	65	61			87%	NA	NA	29.90	1011.9
12	21:54	E 3	10.00	Fair	CLR	68	61			78%	NA	NA	29.88	1011.3
12	20:54	Vrbl 3	10.00	A Few Clouds	FEW028	68	62			81%	NA	NA	29.86	1010.4
12	19:54	Calm	10.00	Partly Cloudy	SCT030	73	62	76	70	69%	NA	NA	29.84	1009.9
12	18:54	SW 5	10.00	A Few Clouds	FEW075	74	61			64%	NA	NA	29.85	1010.1
12	17:54	Calm	10.00	A Few Clouds	FEW075	74	61			64%	NA	NA	29.85	1010.1
12	16:54	E 5	10.00	Mostly Cloudy	FEW022 SCT040 BKN060	72	62			71%	NA	NA	29.86	1010.5
12	15:54	Calm	10.00	Overcast	OVC041	71	60			68%	NA	NA	29.88	1011.0
12	14:54	Calm	10.00	Overcast	OVC025	70	60			71%	NA	NA	29.88	1011.2
12	13:54	E 3	10.00	Overcast	SCT021 OVC028	70	60	72	61	71%	NA	NA	29.88	1011.1
12	12:54	SW 3	10.00	Overcast	OVC020	68	60			76%	NA	NA	29.88	1011.2
12	11:54	NW 3	10.00	Overcast	OVC016	67	59			76%	NA	NA	29.89	1011.5
12	10:54	W 3	10.00	Overcast	BKN017 OVC065	66	58			75%	NA	NA	29.87	1011.1
12	09:54	Calm	10.00	Overcast	OVC017	64	57			78%	NA	NA	29.88	1011.4
12	08:54	NW 5	10.00	Overcast	OVC020	63	56			78%	NA	NA	29.88	1011.3
12	07:54	S 3	10.00	Overcast	OVC025	61	56	61	59	84%	NA	NA	29.86	1010.7
12	06:54	Calm	10.00	Overcast	OVC016	60	56			86%	NA	NA	29.87	1011.1
12	05:54	Calm	10.00	Overcast	OVC017	60	56			86%	NA	NA	29.86	1010.8
12	04:54	Calm	10.00	Overcast	OVC018	60	55			84%	NA	NA	29.85	1010.3
12	03:54	SW 3	10.00	Overcast	BKN016 OVC022	60	55			84%	NA	NA	29.85	1010.3
12	02:54	SW 3	10.00	Overcast	OVC015	60	55			84%	NA	NA	29.88	1011.3
12	01:54	SW 3	10.00	Overcast	BKN014 OVC019	60	56	64	59	86%	NA	NA	29.89	1011.6

Date	Time (edt)	Wind (mph)	Vis. (mi.)	Weather	Sky Cond.	Air	Dwpt	Max. 6 hour	Min. 6 hour	Relative Humidity	Wind Chill (°F)	Heat Index (°F)	altimeter (in.)	sea level (mb)	1 hr	3 hr	6 hr
						Temperature (°F)							Pressure		Precipitation (in.)		
12	00:54	Calm	10.00	Overcast	OVC018	61	55			81%	NA	NA	29.92	1012.6			
11	23:54	Calm	10.00	Overcast	OVC020	60	56			86%	NA	NA	29.91	1012.4			
11	22:54	E 3	10.00	Overcast	OVC019	60	56			86%	NA	NA	29.92	1012.5			
11	21:54	Calm	10.00	Overcast	OVC018	59	56			90%	NA	NA	29.91	1012.2			
11	20:54	Calm	10.00	Overcast	OVC021	61	56			84%	NA	NA	29.91	1012.3			
11	19:54	Calm	10.00	Partly Cloudy	FEW090 SCT120	64	55	65	61	73%	NA	NA	29.89	1011.7			0.05
11	18:54	Vrbl 3	10.00	Light Rain	BKN025 BKN050 OVC090	62	56			80%	NA	NA	29.92	1012.8			
11	17:54	Calm	10.00	Overcast	OVC024	64	58			81%	NA	NA	29.93	1012.9			
11	16:54	W 3	10.00	Overcast	OVC025	63	58			84%	NA	NA	29.94	1013.3	0.05	0.05	
11	15:54	Calm	2.50	Light Rain	OVC026	62	57			84%	NA	NA	29.95	1013.7			
11	14:54	Calm	10.00	Overcast	OVC027	64	54			70%	NA	NA	29.97	1014.2			
11	13:54	SW 7	10.00	Light Rain	OVC031	64	54	68	63	70%	NA	NA	29.97	1014.3			
11	12:54	Vrbl 3	10.00	Overcast	OVC039	65	52			63%	NA	NA	29.98	1014.7			
11	11:54	Calm	10.00	Overcast	OVC040	67	51			57%	NA	NA	29.99	1014.7			
11	10:54	E 3	10.00	Overcast	BKN042 OVC050	67	51			57%	NA	NA	29.99	1015.0			
11	09:54	Vrbl 3	10.00	Overcast	OVC041	66	50			56%	NA	NA	30.00	1015.1			
11	08:54	NE 3	10.00	Overcast	OVC050	67	49			53%	NA	NA	29.99	1014.9			
11	07:54	NE 5	10.00	Overcast	FEW050 BKN070 OVC095	63	49	67	61	60%	NA	NA	30.00	1015.0			

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3800-FM-BCW0521 12/2015
MS4 Outfall Field Screening Report

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Dallas Township	NPDES Permit No.: PA PAG132323
Date of Inspection: 6/14/21	Outfall ID No.: D7_67
Land Uses in Outfall Drainage Area (Select All):	Latitude: ___° ___' ___" 41.355°N
☑ Industrial ☐ Urban Residential	Longitude: ___° ___' ___" -75.941°W
☐ Commercial ☐ Suburban Residential	Dry Weather Inspection? ☑ Yes ☐ No
☐ Open Space ☐ Other:	Date of Previous Precipitation: 6/11/21
	Amount of Previous Precipitation: 0.05 in
Inspector Name(s):	Were Photographs Taken? ☑ Yes ☐ No
	Are Photographs Attached? ☑ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☑ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☑ HDPE ☐ Steel ☐ Other	☑ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: 12 in	☐ In Water ☑ With Sediment
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: ___ in Top Width: ___ in Bottom Width: ___	

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☑ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☐ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☐ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☐ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☐ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☐ No (If Yes, No. Samples: _____)

FIELD / LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: _____			Oil and Grease		mg/L
Other: _____			Other: _____		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☐ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

RESPONSIBLE OFFICIAL CERTIFICATION

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 knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Thomas Mayle	Thomas Mayle
Responsible Official Name	Signature
570-696-1133	6/14/21
Telephone No.	Date

DT 67
6/14/21

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Weather observations for the past three days

Wilkes-Barre - Scranton, Wilkes-Barre / Scranton International Airport

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metric

Date	Time (edt)	Wind (mph)	Vis. (mi.)	Weather	Sky Cond.	Temperature (°F) Air	Dwpt	6 hour Max.	Min.	Relative Humidity	Wind Chill (°F)	Heat Index (°F)	Pressure altimeter (in)	sea level (mb)	Precipitation (in.) 1 hr	3 hr	6 hr
14	06:54	SW 6	10.00	Overcast	BKN022 BKN029 OVC041	68	62			81%	NA	NA	29.82	1008.9			
14	05:54	Vrbl 3	10.00	Overcast	FEW014 BKN025 OVC037	68	62			81%	NA	NA	29.82	1008.8			
14	04:54	Calm	10.00	Overcast	OVC016	69	63			81%	NA	NA	29.82	1008.9			
14	03:54	S 3	10.00	Overcast	OVC017	69	63			81%	NA	NA	29.82	1009.0			
14	02:53	SW 8	10.00	Partly Cloudy	FEW014 SCT022	69	64			84%	NA	NA	29.81	1008.5			
14	01:54	Vrbl 6	10.00	Overcast	OVC015	70	64	73	69	82%	NA	NA	29.83	1009.2			
14	00:54	SW 5	10.00	Fair	CLR	70	64			82%	NA	NA	29.83	1009.2			
13	23:54	SW 6	10.00	A Few Clouds	FEW017 FEW046	69	64			84%	NA	NA	29.86	1010.5			
13	22:54	Calm	10.00	Mostly Cloudy	SCT017 BKN040	70	64			82%	NA	NA	29.88	1010.9			
13	21:54	Vrbl 6	10.00	Fair	CLR	73	64			74%	NA	NA	29.87	1010.5			
13	20:54	Vrbl 6	10.00	Fair	CLR	71	64			79%	NA	NA	29.86	1010.4			
13	19:54	Vrbl 5	10.00	Fair	CLR	72	64	78	72	76%	NA	NA	29.85	1009.9			
13	18:54	Calm	10.00	Fair	CLR	74	64			71%	NA	NA	29.84	1009.6			
13	17:54	S 6	10.00	Fair	CLR	75	64			69%	NA	NA	29.84	1009.9			
13	16:54	SW 6	10.00	Mostly Cloudy	BKN055	77	64			64%	NA	79	29.86	1010.4			
13	15:54	SW 6	10.00	Mostly Cloudy	BKN050	76	64			67%	NA	78	29.88	1011.0			
13	14:54	SW 8	10.00	Mostly Cloudy	BKN023 BKN048	77	65			66%	NA	79	29.89	1011.4			
13	13:54	Vrbl 3	10.00	Mostly Cloudy	SCT022 BKN034 BKN045	74	64	75	66	71%	NA	NA	29.89	1011.6			
13	12:54	SW 6	10.00	Overcast	BKN017 OVC032	71	63			76%	NA	NA	29.91	1012.1			
13	11:54	SW 8	10.00	Overcast	OVC017	71	62			73%	NA	NA	29.92	1012.5			
13	10:54	SW 6	10.00	Overcast	OVC017	70	62			76%	NA	NA	29.92	1012.4			
13	09:54	SW 5	10.00	Overcast	OVC021	68	62			81%	NA	NA	29.92	1012.3			
13	08:54	Calm	10.00	Overcast	OVC014	67	61			81%	NA	NA	29.92	1012.4			

13	07:54	Calm	10.00	Overcast	OVC015	65	60	65	63	84%	NA	NA	29.92	1012.3
13	06:54	Calm	10.00	Overcast	BKN023 BKN055 OVC090	65	60			84%	NA	NA	29.92	1012.3
13	05:54	Calm	10.00	Overcast	BKN026 OVC036	64	59			84%	NA	NA	29.91	1012.0
13	04:54	Calm	10.00	Overcast	BKN055 OVC085	64	59			84%	NA	NA	29.91	1012.0
13	03:54	Calm	10.00	Overcast	BKN024 BKN050 OVC085	63	60			90%	NA	NA	29.90	1011.7
13	02:54	Calm	10.00	Overcast	SCT023 OVC085	65	60			84%	NA	NA	29.89	1011.6
13	01:54	E 3	9.00	Mostly Cloudy	BKN020	64	60	73	63	87%	NA	NA	29.90	1011.9
13	00:54	E 5	10.00	Fair	CLR	63	60			90%	NA	NA	29.90	1011.7
12	23:54	E 3	10.00	Mostly Cloudy	BKN070	64	61			90%	NA	NA	29.91	1012.1
12	22:54	Calm	10.00	Fair	CLR	65	61			87%	NA	NA	29.90	1011.9
12	21:54	E 3	10.00	Fair	CLR	68	61			78%	NA	NA	29.88	1011.3
12	20:54	Vrbl 3	10.00	A Few Clouds	FEW028	68	62			81%	NA	NA	29.86	1010.4
12	19:54	Calm	10.00	Partly Cloudy	SCT030	73	62	76	70	69%	NA	NA	29.84	1009.9
12	18:54	SW 5	10.00	A Few Clouds	FEW075	74	61			64%	NA	NA	29.85	1010.1
12	17:54	Calm	10.00	A Few Clouds	FEW075	74	61			64%	NA	NA	29.85	1010.1
12	16:54	E 5	10.00	Mostly Cloudy	FEW022 SCT040 BKN060	72	62			71%	NA	NA	29.86	1010.5
12	15:54	Calm	10.00	Overcast	OVC041	71	60			68%	NA	NA	29.88	1011.0
12	14:54	Calm	10.00	Overcast	OVC025	70	60			71%	NA	NA	29.88	1011.2
12	13:54	E 3	10.00	Overcast	SCT021 OVC028	70	60	72	61	71%	NA	NA	29.88	1011.1
12	12:54	SW 3	10.00	Overcast	OVC020	68	60			76%	NA	NA	29.88	1011.2
12	11:54	NW 3	10.00	Overcast	OVC016	67	59			76%	NA	NA	29.89	1011.5
12	10:54	W 3	10.00	Overcast	BKN017 OVC065	66	58			75%	NA	NA	29.87	1011.1
12	09:54	Calm	10.00	Overcast	OVC017	64	57			78%	NA	NA	29.88	1011.4
12	08:54	NW 5	10.00	Overcast	OVC020	63	56			78%	NA	NA	29.88	1011.3
12	07:54	S 3	10.00	Overcast	OVC025	61	56	61	59	84%	NA	NA	29.86	1010.7
12	06:54	Calm	10.00	Overcast	OVC016	60	56			86%	NA	NA	29.87	1011.1
12	05:54	Calm	10.00	Overcast	OVC017	60	56			86%	NA	NA	29.86	1010.8
12	04:54	Calm	10.00	Overcast	OVC018	60	55			84%	NA	NA	29.85	1010.3
12	03:54	SW 3	10.00	Overcast	BKN016 OVC022	60	55			84%	NA	NA	29.85	1010.3
12	02:54	SW 3	10.00	Overcast	OVC015	60	55			84%	NA	NA	29.88	1011.3
12	01:54	SW 3	10.00	Overcast	BKN014 OVC019	60	56	64	59	86%	NA	NA	29.89	1011.6

12	00:54	Calm	10.00	Overcast	OVC018	61	55			81%	NA	NA	29.92	1012.6				
11	23:54	Calm	10.00	Overcast	OVC020	60	56			86%	NA	NA	29.91	1012.4				
11	22:54	E 3	10.00	Overcast	OVC019	60	56			86%	NA	NA	29.92	1012.5				
11	21:54	Calm	10.00	Overcast	OVC018	59	56			90%	NA	NA	29.91	1012.2				
11	20:54	Calm	10.00	Overcast	OVC021	61	56			84%	NA	NA	29.91	1012.3				
11	19:54	Calm	10.00	Partly Cloudy	FEW090 SCT120	64	55	65	61	73%	NA	NA	29.89	1011.7			0.05	
11	18:54	Vrbl 3	10.00	Light Rain	BKN025 BKN050 OVC090	62	56			80%	NA	NA	29.92	1012.8				
11	17:54	Calm	10.00	Overcast	OVC024	64	58			81%	NA	NA	29.93	1012.9				
11	16:54	W 3	10.00	Overcast	OVC025	63	58			84%	NA	NA	29.94	1013.3	0.05	0.05		
11	15:54	Calm	2.50	Light Rain	OVC026	62	57			84%	NA	NA	29.95	1013.7				
11	14:54	Calm	10.00	Overcast	OVC027	64	54			70%	NA	NA	29.97	1014.2				
11	13:54	SW 7	10.00	Light Rain	OVC031	64	54	68	63	70%	NA	NA	29.97	1014.3				
11	12:54	Vrbl 3	10.00	Overcast	OVC039	65	52			63%	NA	NA	29.98	1014.7				
11	11:54	Calm	10.00	Overcast	OVC040	67	51			57%	NA	NA	29.99	1014.7				
11	10:54	E 3	10.00	Overcast	BKN042 OVC050	67	51			57%	NA	NA	29.99	1015.0				
11	09:54	Vrbl 3	10.00	Overcast	OVC041	66	50			56%	NA	NA	30.00	1015.1				
11	08:54	NE 3	10.00	Overcast	OVC050	67	49			53%	NA	NA	29.99	1014.9				
11	07:54	NE 5	10.00	Overcast	FEW050 BKN070 OVC095	63	49	67	61	60%	NA	NA	30.00	1015.0				
Date	Time (edt)	Wind (mph)	Vis. (mi.)	Weather	Sky Cond.	Air	Dwpt	Max.	Min.	Relative Humidity	Wind Chill (°F)	Heat Index (°F)	altimeter (in.)	sea level (mb)	1 hr	3 hr	6 hr	
						Temperature (°F)		6 hour					Pressure		Precipitation (in.)			

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

Pulverman

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Dallas Township	NPDES Permit No.: PA PAG 132323
Date of Inspection: 6/14/21	Outfall ID No.: D7_68
Land Uses in Outfall Drainage Area (Select All):	Latitude: ____° ____' ____" 41.336°N
☑ Industrial ☐ Urban Residential	Longitude: ____° ____' ____" -75.941°W
☐ Commercial ☐ Suburban Residential	Dry Weather Inspection? ☑ Yes ☐ No
☐ Open Space ☐ Other:	Date of Previous Precipitation: 6/11/21
	Amount of Previous Precipitation: 0.05 in
Inspector Name(s): Thomas Mayka	Were Photographs Taken? ☑ Yes ☐ No
	Are Photographs Attached? ☑ Yes ☐ No

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☑ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☑ Other	☐ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☑ Other ☐ Other	Diameter: 7 in	☐ In Water ☐ With Sediment
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: ____ in Top Width: ____ in Bottom Width: ____	

Dry Weather Flow Present at Outfall During Inspection? ☑ Yes ☐ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☑ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☑ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☑ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☑ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☑ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☑ No (If Yes, No. Samples: _____)

FIELD / LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: _____			Oil and Grease		mg/L
Other: _____			Other: _____		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☑ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments: outfall in poor condition

RESPONSIBLE OFFICIAL CERTIFICATION

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 knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Thomas Mayle	Thomas Mayle
Responsible Official Name	Signature
570-696-1133 x309	6/14/22
Telephone No.	Date

DT_68

6/14/21

weather.gov

Weather observations for the past three days

Wilkes-Barre - Scranton, Wilkes-Barre / Scranton International Airport

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metric

Date	Time (edt)	Wind (mph)	Vis. (mi.)	Weather	Sky Cond.	Temperature (°F) Air	Dwpt	6 hour Max.	Min.	Relative Humidity	Wind Chill (°F)	Heat Index (°F)	Pressure altimeter (in)	sea level (mb)	Precipitation (in.) 1 hr	3 hr	6 hr
14	06:54	SW 6	10.00	Overcast	BKN022 BKN029 OVC041	68	62			81%	NA	NA	29.82	1008.9			
14	05:54	Vrbl 3	10.00	Overcast	FEW014 BKN025 OVC037	68	62			81%	NA	NA	29.82	1008.8			
14	04:54	Calm	10.00	Overcast	OVC016	69	63			81%	NA	NA	29.82	1008.9			
14	03:54	S 3	10.00	Overcast	OVC017	69	63			81%	NA	NA	29.82	1009.0			
14	02:53	SW 8	10.00	Partly Cloudy	FEW014 SCT022	69	64			84%	NA	NA	29.81	1008.5			
14	01:54	Vrbl 6	10.00	Overcast	OVC015	70	64	73	69	82%	NA	NA	29.83	1009.2			
14	00:54	SW 5	10.00	Fair	CLR	70	64			82%	NA	NA	29.83	1009.2			
13	23:54	SW 6	10.00	A Few Clouds	FEW017 FEW046	69	64			84%	NA	NA	29.86	1010.5			
13	22:54	Calm	10.00	Mostly Cloudy	SCT017 BKN040	70	64			82%	NA	NA	29.88	1010.9			
13	21:54	Vrbl 6	10.00	Fair	CLR	73	64			74%	NA	NA	29.87	1010.5			
13	20:54	Vrbl 6	10.00	Fair	CLR	71	64			79%	NA	NA	29.86	1010.4			
13	19:54	Vrbl 5	10.00	Fair	CLR	72	64	78	72	76%	NA	NA	29.85	1009.9			
13	18:54	Calm	10.00	Fair	CLR	74	64			71%	NA	NA	29.84	1009.6			
13	17:54	S 6	10.00	Fair	CLR	75	64			69%	NA	NA	29.84	1009.9			
13	16:54	SW 6	10.00	Mostly Cloudy	BKN055	77	64			64%	NA	79	29.86	1010.4			
13	15:54	SW 6	10.00	Mostly Cloudy	BKN050	76	64			67%	NA	78	29.88	1011.0			
13	14:54	SW 8	10.00	Mostly Cloudy	BKN023 BKN048	77	65			66%	NA	79	29.89	1011.4			
13	13:54	Vrbl 3	10.00	Mostly Cloudy	SCT022 BKN034 BKN045	74	64	75	66	71%	NA	NA	29.89	1011.6			
13	12:54	SW 6	10.00	Overcast	BKN017 OVC032	71	63			76%	NA	NA	29.91	1012.1			
13	11:54	SW 8	10.00	Overcast	OVC017	71	62			73%	NA	NA	29.92	1012.5			
13	10:54	SW 6	10.00	Overcast	OVC017	70	62			76%	NA	NA	29.92	1012.4			
13	09:54	SW 5	10.00	Overcast	OVC021	68	62			81%	NA	NA	29.92	1012.3			
13	08:54	Calm	10.00	Overcast	OVC014	67	61			81%	NA	NA	29.92	1012.4			

13	07:54	Calm	10.00	Overcast	OVC015	65	60	65	63	84%	NA	NA	29.92	1012.3
13	06:54	Calm	10.00	Overcast	BKN023 BKN055 OVC090	65	60			84%	NA	NA	29.92	1012.3
13	05:54	Calm	10.00	Overcast	BKN026 OVC036	64	59			84%	NA	NA	29.91	1012.0
13	04:54	Calm	10.00	Overcast	BKN055 OVC085	64	59			84%	NA	NA	29.91	1012.0
13	03:54	Calm	10.00	Overcast	BKN024 BKN050 OVC085	63	60			90%	NA	NA	29.90	1011.7
13	02:54	Calm	10.00	Overcast	SCT023 OVC085	65	60			84%	NA	NA	29.89	1011.6
13	01:54	E 3	9.00	Mostly Cloudy	BKN020	64	60	73	63	87%	NA	NA	29.90	1011.9
13	00:54	E 5	10.00	Fair	CLR	63	60			90%	NA	NA	29.90	1011.7
12	23:54	E 3	10.00	Mostly Cloudy	BKN070	64	61			90%	NA	NA	29.91	1012.1
12	22:54	Calm	10.00	Fair	CLR	65	61			87%	NA	NA	29.90	1011.9
12	21:54	E 3	10.00	Fair	CLR	68	61			78%	NA	NA	29.88	1011.3
12	20:54	Vrbl 3	10.00	A Few Clouds	FEW028	68	62			81%	NA	NA	29.86	1010.4
12	19:54	Calm	10.00	Partly Cloudy	SCT030	73	62	76	70	69%	NA	NA	29.84	1009.9
12	18:54	SW 5	10.00	A Few Clouds	FEW075	74	61			64%	NA	NA	29.85	1010.1
12	17:54	Calm	10.00	A Few Clouds	FEW075	74	61			64%	NA	NA	29.85	1010.1
12	16:54	E 5	10.00	Mostly Cloudy	FEW022 SCT040 BKN060	72	62			71%	NA	NA	29.86	1010.5
12	15:54	Calm	10.00	Overcast	OVC041	71	60			68%	NA	NA	29.88	1011.0
12	14:54	Calm	10.00	Overcast	OVC025	70	60			71%	NA	NA	29.88	1011.2
12	13:54	E 3	10.00	Overcast	SCT021 OVC028	70	60	72	61	71%	NA	NA	29.88	1011.1
12	12:54	SW 3	10.00	Overcast	OVC020	68	60			76%	NA	NA	29.88	1011.2
12	11:54	NW 3	10.00	Overcast	OVC016	67	59			76%	NA	NA	29.89	1011.5
12	10:54	W 3	10.00	Overcast	BKN017 OVC065	66	58			75%	NA	NA	29.87	1011.1
12	09:54	Calm	10.00	Overcast	OVC017	64	57			78%	NA	NA	29.88	1011.4
12	08:54	NW 5	10.00	Overcast	OVC020	63	56			78%	NA	NA	29.88	1011.3
12	07:54	S 3	10.00	Overcast	OVC025	61	56	61	59	84%	NA	NA	29.86	1010.7
12	06:54	Calm	10.00	Overcast	OVC016	60	56			86%	NA	NA	29.87	1011.1
12	05:54	Calm	10.00	Overcast	OVC017	60	56			86%	NA	NA	29.86	1010.8
12	04:54	Calm	10.00	Overcast	OVC018	60	55			84%	NA	NA	29.85	1010.3
12	03:54	SW 3	10.00	Overcast	BKN016 OVC022	60	55			84%	NA	NA	29.85	1010.3
12	02:54	SW 3	10.00	Overcast	OVC015	60	55			84%	NA	NA	29.88	1011.3
12	01:54	SW 3	10.00	Overcast	BKN014 OVC019	60	56	64	59	86%	NA	NA	29.89	1011.6

12	00:54	Calm	10.00	Overcast	OVC018	61	55			81%	NA	NA	29.92	1012.6				
11	23:54	Calm	10.00	Overcast	OVC020	60	56			86%	NA	NA	29.91	1012.4				
11	22:54	E 3	10.00	Overcast	OVC019	60	56			86%	NA	NA	29.92	1012.5				
11	21:54	Calm	10.00	Overcast	OVC018	59	56			90%	NA	NA	29.91	1012.2				
11	20:54	Calm	10.00	Overcast	OVC021	61	56			84%	NA	NA	29.91	1012.3				
11	19:54	Calm	10.00	Partly Cloudy	FEW090 SCT120	64	55	65	61	73%	NA	NA	29.89	1011.7			0.05	
11	18:54	Vrbl 3	10.00	Light Rain	BKN025 BKN050 OVC090	62	56			80%	NA	NA	29.92	1012.8				
11	17:54	Calm	10.00	Overcast	OVC024	64	58			81%	NA	NA	29.93	1012.9				
11	16:54	W 3	10.00	Overcast	OVC025	63	58			84%	NA	NA	29.94	1013.3	0.05	0.05		
11	15:54	Calm	2.50	Light Rain	OVC026	62	57			84%	NA	NA	29.95	1013.7				
11	14:54	Calm	10.00	Overcast	OVC027	64	54			70%	NA	NA	29.97	1014.2				
11	13:54	SW 7	10.00	Light Rain	OVC031	64	54	68	63	70%	NA	NA	29.97	1014.3				
11	12:54	Vrbl 3	10.00	Overcast	OVC039	65	52			63%	NA	NA	29.98	1014.7				
11	11:54	Calm	10.00	Overcast	OVC040	67	51			57%	NA	NA	29.99	1014.7				
11	10:54	E 3	10.00	Overcast	BKN042 OVC050	67	51			57%	NA	NA	29.99	1015.0				
11	09:54	Vrbl 3	10.00	Overcast	OVC041	66	50			56%	NA	NA	30.00	1015.1				
11	08:54	NE 3	10.00	Overcast	OVC050	67	49			53%	NA	NA	29.99	1014.9				
11	07:54	NE 5	10.00	Overcast	FEW050 BKN070 OVC095	63	49	67	61	60%	NA	NA	30.00	1015.0				
Date	Time (edt)	Wind (mph)	Vis. (mi.)	Weather	Sky Cond.	Air	Dwpt	Max.	Min.	Relative Humidity	Wind Chill (°F)	Heat Index (°F)	altimeter (in.)	sea level (mb)	1 hr	3 hr	6 hr	
						Temperature (°F)		6 hour					Pressure		Precipitation (in.)			

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MCM #4 BACK-UP DOCUMENTS

MEMORANDUM OF UNDERSTANDING

Between the

LUZERNE CONSERVATION DISTRICT

And the

MUNICIPALITY OF Dallas Township

This Memorandum has been prepared jointly and agreed upon by each party for the following purposes:

To serve as a joint commitment by the signatory parties to control accelerated erosion and to prevent sediment pollution to the Waters of the Commonwealth which may result from the conduct of earth disturbance activities in Dallas Township.

To serve as a basis for stating the role of each party in administering the Chapter provisions of the Dallas Township's Subdivision and Land Development Ordinance # 77, the Dallas Township Stormwater Management Ordinance #2011-1, and PA Code, Title 25, Chapter 102 which regulate Erosion and Sediment Pollution Control ("Ordinance").

I. In carrying out the intent of this memorandum, the **Luzerne Conservation District** shall:

A. Provide to Dallas Township a listing of its plan review/service fees for inclusion or use of the Municipality in Ordinance. The District will promptly notify the municipality of any changes in the plan review/service fee schedule.

B. Receive all Erosion and Sediment Control Plans (Plan) as required under Ordinance and complete an initial administrative review of the Plan within 15 business days of its receipt. Reviews of second and third Plan submissions (technical reviews and revisions) will be completed within 22 business days of their receipt.

C. Within two (2) business days of completion, notify the applicant and Municipality of all Plan approvals or Plan inadequacies, or all determinations that a Plan cannot be approved upon completion of the second technical review because of inadequate information and/or a failure of the applicant to develop a Plan in compliance with the provisions of the Ordinance.

D. Upon request, provide all applicants with access to the DEP Erosion and Sediment Control Program Manual and related forms, worksheets, checklists, etc., necessary to successfully prepare an adequate Plan.

E. In accordance with a routine inspection schedule and/or upon the request of the Municipality and/or upon receipt of a request from a third party, inspect ongoing earth disturbance projects and complete a Standard PA DEP Earth Disturbance Inspection Report. In conjunction with this responsibility, the District shall:

1. Advise the Municipality of all third party complaints within 10 calendar days of their receipt. The source of the complaint shall remain anonymous in accordance with PA Department of Environmental Protection policy.

2. Provide a copy of all inspection reports to the affected responsible party(ies) and the Municipality within 10 calendar days of their completion.

F. Serve as the repository for all Plans, complaints, inspection reports, correspondence, etc., that involve earth disturbance activities. All such information shall be contained in a filing system which shall be available for inspection by Municipal Officials by appointment.

G. Commit the necessary staff time, and provide all information necessary to assist the Municipality in conducting enforcement proceedings as specified in the Ordinance.

II. In carrying out the intent of this Memorandum, the **Municipality of** Dallas Township shall:

A. Retain a sufficient quantity of the District's Erosion and Sediment Control Plan Review Applications and Review Fee Schedule and issue such forms to all parties for projects that require such review in accordance with the provisions of the Ordinance.

B. Forward all questions pertaining to the preparation of Plans and Applications to the District.

C. Forward all third party complaints about ongoing earth disturbance projects to the District for their inspection.

D. Upon notification by the District, withhold all Land Development Plan, Subdivision Plan, Stormwater Management Plan, Building Permit and Occupancy Permit

Approvals when and where it has been determined that an applicant has failed to secure an adequate Plan review or approval from the District, when such review or approval is required by the Ordinance or State regulations.

III. This Memorandum of Understanding shall become effective immediately. It shall be reviewed periodically, as the need arises by either or both parties, and may be amended by mutual consent of both parties. This Memorandum of Understanding may be terminated at any time, by either party, following a 30 day written notice to the other party.

FOR THE MUNICIPALITY OF Dallas Township

Frank E. Wagner — 5/3/16
Supervisor — Date

Edward Martin — 5/3/16
Supervisor — Date

[illegible] — 5/9/16
Supervisor — Date

FOR THE LUZERNE CONSERVATION DISTRICT

Timothy Ference — 5/12/2016
Chairman — Date

MCM #6 BACK-UP DOCUMENTS

Municipal Employee Training March 26, 2021 (Dallas Township and Kingston Township)

DALLAS AREA MUNICIPAL AUTHORITY

Dallas Township Maintenance Facility 2919 Route 309 Dallas, PA, PA 1:00 PM

NO.	NAME	MUNICIPALITY/ORGANIZATION	PHONE	EMAIL
01	Ray Miller	Dallas Twp		rmiller@dallastwp.org
02	Donna Hunter	Dallas Twp		D.Hunter@dallastwp.org
03	Don Fritzges	Kingston Twp		dfritzges@kingstontownship.com
04	Bill Fedrow	Dallas Twp		B.Fedrow@Dallastwp.org
05	Nathan Pavlichko	Dallas twp		NPavlichko@dallastwp.org
06	Mark Good	Dallas twp		mgood@dallastwp.org
07	Gary VanDeutsch	Dallas Twp		gvandeutsch@dallastwp.org
08	Bob Wagner	Dallas Twp		R.Wagner@Dallastwp.org
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COPY

MUNICIPAL EMPLOYEE TRAINING FOR MS4 COMPLIANCE

DALLAS BOROUGH, DALLAS TOWNSHIP, KINGSTON TOWNSHIP

PROVIDED BY DALLAS AREA MUNICIPAL AUTHORITY ON BEHALF OF THE ABOVE COOPERATING MUNICIPALITIES

MARCH/APRIL 2021

WHAT IS MS4?

- Municipal Separate Storm Sewer System system of conveyance owned by state city town etc.
- Federal program NPDES permit National Pollution Discharge Elimination System
- PA DEP administers program in Pennsylvania
- Municipalities must meet requirements of their permit

It's a requirement under federal law (Clean Water Act of 1972)

reduction in nutrients (N & P) & sediment

MINIMUM CONTROL MEASURES

- Core of the program
- Six MCMs
- Have subparts under each one

MINIMUM CONTROL MEASURES

- **Public Education** develop education program from the audience, publish education material (newsletters, etc) distribute material (newspaper, websites, brochures, etc)
- **Public Involvement** develop involvement program, advertise to get public input on certain documents (ordinances, SOP's, prop: regularly involve public & get them to participate
- **Illicit Discharges and Mapping** IDDE develop written program for IDDE, maintain mapping dry weather outfall screening, enforce stormwater management program that prohibits non-stormwater discharges
- **Construction Stormwater** Construction site stormwater runoff control (E&S) Conservation District
- **Post-Construction Stormwater** PCSM
- **Municipal Operations** ~~Identify & document all municipal operations~~

next Slide

MUNICIPAL OPERATIONS (GOOD HOUSEKEEPING)

- Identify and document all operations that are owned by the permittee and have potential for polluting stormwater runoff
- Develop, implement, and maintain an O&M program that stresses pollution prevention and good housekeeping
- Develop and implement an employee training program to further the goal of preventing or reducing discharge of pollutants from operations to the MS4

AREA OF CONCERN FOR MUNICIPALITIES

- Streets, roads, parking lots
- Maintaenance shops and storage yards
- Parks
- Salt sheds
- Stormwater conveyance systems

MATERIALS THAT CAN CAUSE POLLUTION

- Antifreeze
- Fuel
- Hazardous Chemicals
- Herbicides and Pesticides
- Paint
- Lubricants
- Salt
- Sand/Soil/Aggregate

Keep supplies as low as possible

use containment areas

have spill kits on-hand & know how to use them

absorbent pads, kitty litter

RECORD KEEPING

- Catch Basin Cleaning
- Spills
- Training
- Any other stormwater related activity

Job No.: _____ Town: _____

Inspector: _____ Date: _____

DALLAS AREA MUNICIPAL AUTHORITY

CATCH BASIN INSPECTION FORM

Catch Basin I.D.		Final Discharge from Structure? Yes ☐ No ☐ If Yes, Discharge to Outfall No: _____	
Catch Basin Label:	Stencil ☐ Ground Inset ☐ Sign ☐ None ☐ Other _____		
Basin Material:	Concrete ☐ Corrugated metal ☐ Stone ☐ Brick ☐ Other: ☐	Catch Basin Condition:	Good ☐ Poor ☐ Fair ☐ Crumbling ☐
Pipe Material:	Concrete ☐ HDPE ☐ PVC ☐ Clay Tile ☐ Other:	Pipe Measurements:	Inlet Dia. (in): D= ____ Outlet Dia. (in): D= ____

Required Maintenance/ Problems (check all that apply):

- ☐ Tree Work Required
- ☐ New Grate is Required
- ☐ Pipe is Blocked
- ☐ Frame Maintenance is Required
- ☐ Remove Accumulated Sediment
- ☐ Pipe Maintenance is Required
- ☐ Basin Undermined or Bypassed
- ☐ Cannot Remove Cover
- ☐ Ditch Work
- ☐ Corrosion at Structure
- ☐ Erosion Around Structure
- ☐ Remove Trash & Debris
- ☐ Need Cement Around Grate

Other: _____

Catch Basin Grate Type:	Sediment Buildup Depth:	Description of Flow:	Street Name/ Structure Location:
Bar: ☐ Cascade: ☐ Other: _____ Properly Aligned: Yes ☐ No ☐	0-2 (in): ____ 2-4(in). ____ 4-6 (in): ____ 6-12 (in): ____ 12 + (in): ____	Heavy ☐ Moderate ☐ Slight ☐ Trickling ☐	

*If the outlet is submerged check yes and indicate approximate height of water above the outlet invert. h above invert (in): ____ Yes ☐ No ☐

☐ Flow ☐ Standing Water (check one or both)	Observations: Color: Odor:	Circle those present:	
		Foam	Oil Sheen
		Sanitary Waste	Bacterial Sheen
		Orange Staining	Floatables
		Excessive sediment	Pet Waste
		Other: _____	Optical Enhancers

Weather Conditions: Dry > 24 hours ☐ Wet ☐

Sample of Screenings Collected for Analysis? Yes ☐ No ☐

Comments:

Job No.: _____ Town: _____

Inspector: _____ Date: _____

DALLAS AREA MUNICIPAL AUTHORITY

CATCH BASIN INSPECTION FORM

Catch Basin I.D.		**Final Discharge from Structure?** Yes ☐ No ☐ **If Yes, Discharge to Outfall No:** _____	
Catch Basin Label:	**Stencil** ☐ **Ground Inset** ☐ **Sign** ☐ **None** ☐ **Other** _____		
Basin Material:	Concrete ☐ Corrugated metal ☐ Stone ☐ Brick ☐ Other: _____ ☐	**Catch Basin Condition:**	Good ☐ Poor ☐ Fair ☐ Crumbling ☐
Pipe Material:	Concrete ☐ HDPE ☐ PVC ☐ Clay Tile ☐ Other: _____	**Pipe Measurements:**	Inlet Dia. (in): D= ____ Outlet Dia. (in): D= ____

Required Maintenance/ Problems (check all that apply):

- ☐ Tree Work Required
- ☐ New Grate is Required
- ☐ Pipe is Blocked
- ☐ Frame Maintenance is Required
- ☐ Remove Accumulated Sediment
- ☐ Pipe Maintenance is Required
- ☐ Basin Undermined or Bypassed
- ☐ Cannot Remove Cover
- ☐ Ditch Work
- ☐ Corrosion at Structure
- ☐ Erosion Around Structure
- ☐ Remove Trash & Debris
- ☐ Need Cement Around Grate

Other: _____

Catch Basin Grate Type :	**Sediment Buildup Depth :**	**Description of Flow:**	**Street Name/ Structure Location:**
Bar: ☐ Cascade: ☐ Other: _____ Properly Aligned: Yes ☐ No ☐	0-2 (in): ____ 2-4(in): ____ 4-6 (in): ____ 6-12 (in): ____ 12 + (in): ____	Heavy ☐ Moderate ☐ Slight ☐ Trickling ☐	

***If the outlet is submerged check yes and indicate approximate height of water above the outlet invert.** h above invert (in):___		Yes ☐	No ☐
☐ **Flow** ☐ **Standing Water** **(check one or both)**	**Observations:** Color: Odor:	**Circle those present:**	
Weather Conditions :	Dry > 24 hours ☐ Wet ☐	Foam Sanitary Waste Orange Staining Excessive sediment Other: _____	Oil Sheen Bacterial Sheen Floatables Pet Waste Optical Enhancers
Sample of Screenings Collected for Analysis? Yes ☐ No ☐			
Comments:			

DALLAS AREA
MUNICIPAL AUTHORITY

Catch Basin Inspection and Cleaning Procedures
March 2021

Catch basin inspection cleaning procedures should address both the grate opening and the basin's sump. Document any and all observations about the condition of the catch basin structure and water quality on the Catch Basin Inspection Form (attached).

Catch basin inspection and cleaning procedures include the following:

1. Work upstream to downstream.
2. Clean sediment and trash off grate.
3. Visually inspect the outside of the grate and frame.
4. Visually inspect the inside of the catch basin to determine cleaning needs.
5. Inspect catch basin for structural integrity.
6. Determine the most appropriate equipment and method for cleaning each catch basin.
    a. Manually use a shovel to remove accumulated sediments, or
    b. Use a bucket loader to remove accumulated sediments, or
    c. Use a high pressure washer to clean any remaining material out of catch basin while capturing the slurry with a vacuum.
    d. If necessary, after the catch basin is clean, use the rodder of the vacuum truck to clean downstream pipe and pull back sediment that might have entered downstream pipe.
7. Properly dispose of collected sediments. See following section for guidance.
8. All fluids collected during catch basin cleaning need to be discharged to a sanitary sewer system, with permission of the system operator.
9. If illicit discharges are observed or suspected, notify the proper department.
10. At the end of each day, document the location and number of catch basins cleaned, estimated amount of waste collected, and disposal method for all screenings.
11. Report all additional maintenance or repair needs to the appropriate Department.

Chemical Spill Report Form

Person reporting:

Date and time of event:

Location of event:

Material spilled:

Amount of material spilled:

Describe any soil or water contamination:

Describe how the spill occurred:

What containment measures were taken:

What corrective actions were taken to control and clean the spill:

List any existing or potential hazards that either caused or resulted from the spill:

What was done with the cleanup materials:

Were any outside agencies involved with cleanup:

Comments and any other relevant information about this event: