



ANNUAL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) STATUS REPORT

FOR THE PERIOD July 1, 2021 TO JUNE 30, 2022

GENERAL INFORMATION					
Permittee Name:	Franconia Township	NPDES Permit No.:	PAI 130005		
Mailing Address:	671 Allentown Road	Effective Date:	March 1, 2021		
City, State, Zip:	Telford, PA 18969	Expiration Date:	February 28, 2026		
MS4 Contact Person:	Beth T. Gooch	Renewal Due Date:	August 28, 2025		
Title:	Director of Planning and Zoning	Municipality:	Franconia Township		
Phone:	215-723-1137	County:	Montgomery County		
Email:	bgooch@franconia-township.org				
Co-Permittees (if applicable):					
Appendix(ces) that permittee is subject to (select all that apply):					
<input type="checkbox"/> Appendix A <input type="checkbox"/> Appendix B <input type="checkbox"/> Appendix C <input type="checkbox"/> Appendix D <input checked="" type="checkbox"/> Appendix E <input type="checkbox"/> Appendix F					
WATER QUALITY INFORMATION					
Are there any discharges to waters within the Chesapeake Bay Watershed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?
Indian Creek	WWF, MF	Yes	Ag/Siltation/Sediment	Yes	Yes
West Branch Neshaminy Creek	WWF, MF	Yes	Ag/Siltation-Algae Urban Runoff/Storm Sewers	Yes	No
Skippack Creek	TSF, MF	Yes	Rural Residential Siltation	Yes	Yes
East Branch Perkiomen Creek	TSF, MF	No		No	No

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	Franconia Township	Beth Gooch	215-723-1137
#2 Public Involvement/Participation	Franconia Township	Beth Gooch	215-723-1137
#3 Illicit Discharge Detection and Elimination (IDD&E)	Franconia Township	Beth Gooch	215-723-1137
#4 Construction Site Storm Water Runoff Control	Franconia Township / Gilmore & Associates	Douglas Rossino	215-345-4330
#5 Post-Construction Storm Water Management in New Development and Redevelopment	Franconia Township / Gilmore & Associates	Tony Frydlewicz / Douglas Rossino	215-723-1137 / 215-345-4330
#6 Pollution Prevention / Good Housekeeping	Franconia Township	Tony Frydelwicz	215-723-1137

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: June 2022 Were updates made? Yes No

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

The Township's goals were to notify the public of stormwater related issues via various avenues, but mainly the "News & Announcements" link on the Township's website, and biannual Newsletter mailed to residents and distributed electronically. The Township Stormwater website is updated on an as-needed basis. No public in-person events were held involving the public in stormwater-related events and activities due to the global pandemic, with the exception of local government meetings where MS4 updates were announced.

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:

The Township intends to continue to connect with residents to notify users of current, on-going stormwater-related issues through Township website "News & Announcements", biannual newsletters and Township-sponsored, public events.

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: June 2022 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: June 2022 Were updates made? Yes No

3. Do you have a municipal website? Yes No (URL:
<https://www.franconiatownship.org>)

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

See Township website. www.franconiatownship.org. TMDL Plans, Township MS4 project info, link to local watershed conservancy and other stormwater-related links, "10 Things I can do to help protect my water", etc.

4. Describe any other method(s) used during the reporting period to provide information on stormwater to the public:
5. Identify specific plans for the publication of stormwater materials for the upcoming year:
The Township will continue to update the Stormwater Management webpage on the Township's website, continue posting articles in FrancTalk Township Newsletter/E-newsletter and stock the Township lobby with the materials related to each of the target audiences. The Township will consider placing a placard at new Township BMPs including Godshall Park once completed.

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).

The Township's website includes a link to a volunteer form accessible to all target audiences. No other additional methods were utilized during this reporting period.

MCM #1 Comments:

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: June 2022 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:
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

--	--	--	--

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:

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

The Township previously authorized a Pond retrofit project as part of their approved TMDL/PRP Plan. The Township notified residents of the improvements, and related correspondence transpired between the Township and residents .

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.

MCM #2 Comments:

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: June 2022 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:

2. Date of last update or revision to map(s): Spring 2020

3. Total No. of Outfalls in MS4: 168 Total No. of Outfalls Mapped: 168

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:

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): Spring 2020

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? 72 (Quad3)

2. Indicate the percentage of all outfalls screened in the past five years. 100%

3. Indicate the percent of outfalls screened during the reporting period that revealed dry weather flows: 0 %

4. Did any dry weather flows reveal color, turbidity, sheen, odor, floating or submerged solids? 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: August 2014

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

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.

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? FrancTalk newsletter, including E-newsletter, is available to elected officials, public employees and local businesses. The Township's Stormwater Website states "Any illicit discharge as defined in the newly adopted ordinance is a violation of the code, and those who dump will be guilty of a misdemeanor and subject to a fine. Please call the Stormwater Hotline to report illicit discharges or anything that might pollute our streams at 215-723-1137!" Links are also provided to EPA/DEP websites related to illicit discharges, and information is provided in the newsletter which is sent to all residents and businesses in the Township. Further the public works department, public officials and staff attends seminars and meetings regarding these issues in a typical year.

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:

The Township did not observe dry-weather flow during it's annual quadrant outfall screening. The Township's Stormwater Program MCM#3 identifies the next steps to take if dry-weather flow is observed such as investigating the source, taking a sample of the water for testing as directed by the MS4 Outfall Screening Field Report .

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: Ord. 377, August 2014, Chapter 122

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:

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:

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:

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:

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:

MCM #4 Comments:

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: Ord. 377, August 2014, Chapter 122
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: Ord. 377, August 2014, Chapter 122
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.

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):
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			o ' "	o ' "			
2				o ' "	o ' "			
3				o ' "	o ' "			
4				o ' "	o ' "			
5				o ' "	o ' "			
6				o ' "	o ' "			
7				o ' "	o ' "			
8				o ' "	o ' "			
9				o ' "	o ' "			
10				o ' "	o ' "			
11				o ' "	o ' "			
12				o ' "	o ' "			
13				o ' "	o ' "			
14				o ' "	o ' "			
15				o ' "	o ' "			
16				o ' "	o ' "			

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:

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 permittee that have the potential to generate stormwater runoff into the MS4? Yes No
2. When was the inventory last reviewed? June 2022
3. When was it last updated? June 2022

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: June 2022

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: June 2021 Date of latest training: April 2018

3. Training topics covered:
4. Name(s) of training presenter(s):
5. Names of training attendees:

MCM #6 Comments:

Due to COVID-19 the spring training sessions were canceled.

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)	9/20/17	<input type="checkbox"/>	
Source Inventory		<input type="checkbox"/>	
Investigation of Suspected Sources		<input type="checkbox"/>	
Ordinance/SOP for Controlling Animal Wastes		<input type="checkbox"/>	

PCM Comments:

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
<input type="checkbox"/> Chesapeake Bay PRP (Appendix D)			Chesapeake Bay
<input type="checkbox"/> Impaired Waters PRP (Appendix E)			
<input type="checkbox"/> TMDL Plan (Appendix F)			
<input type="checkbox"/> Combined Chesapeake Bay / Impaired Waters PRP			Chesapeake Bay,
<input checked="" type="checkbox"/> Combined PRP / TMDL Plan	6/2018	3/1/2021	Skippack & Indian Creeks

- 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:

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)
<input type="checkbox"/> Chesapeake Bay PRP (Appendix D)			
<input type="checkbox"/> Impaired Waters PRP (Appendix E)			
<input type="checkbox"/> TMDL Plan (Appendix F)			
<input type="checkbox"/> Combined Chesapeake Bay / Impaired Waters PRP			
<input checked="" type="checkbox"/> Combined PRP / TMDL Plan	93,317 lb/yr (18.1%)SC	407 lbs/year (74%) IC	

3. Date Final Report Demonstrating Achievement of Pollutant Load Reductions Due: 09/2046

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.

5. Summary of progress achieved during reporting period.

Franconia Township intends to continue implementing stormwater BMPs for the Skippack and Indian Creek watersheds as funding becomes available. One of the Township's identified streambank stabilization projects was completed within the Skippack Creek. A Township stormwater facility retrofit project has commenced. The pond has been dewatered and the sediment dredged.

6. Anticipated activities for next reporting period.

Design and budget for two BMPs and set a tentative construction schedule developed. Riparian buffer and stream stabilization at the Public Works facility and a Pond Retrofit at the Township Godshall Park are currently the first two priorities.

PRP/TMDL Plan Comments:

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)
1	Godshall Pond	269	44	465	LF	40°18'1"	75°20'16"	2021-2022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	111,336
						o ' "	o ' "		<input type="checkbox"/>	<input type="checkbox"/>	
						o ' "	o ' "		<input type="checkbox"/>	<input type="checkbox"/>	
						o ' "	o ' "		<input type="checkbox"/>	<input type="checkbox"/>	
						o ' "	o ' "		<input type="checkbox"/>	<input type="checkbox"/>	

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 Inspection	Satisfactory?
1	Rain Garden -IC	7				40°18'48"	75°21'56"	2014	6,000	06/20	<input checked="" type="checkbox"/>
2	Replace Ag land with Meadow-SC	6				40°17'56"	75°19'28"	2010	3,907	06/20	<input checked="" type="checkbox"/>
3	Riparian Plantings-IC	14				40°17'57"	75°22'54"	2009	4,000	06/20	<input checked="" type="checkbox"/>
4	Stream Stabilization(B&H)-SC	X	-	95	LF	40°17'27"	75°20'30"	2019	10,925	8/20	<input checked="" type="checkbox"/>
						o ' "	o ' "				<input type="checkbox"/>

						o ' "	o ' "				<input type="checkbox"/>
--	--	--	--	--	--	-------	-------	--	--	--	--------------------------

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).

Beth Gooch

Name of Responsible Official

215-723-1137

Telephone No.



Signature

September 29, 2022

Date

franc talk



Fall 2021

Weathering the COVID-19 Storm: A Message From The Board Of Supervisors

As we move into fall, the excitement of a new school year, football season, and the overall beauty of the fall season seems sweeter than before. The past year and a half has been difficult for everyone. Hardly a person went untouched, either directly, or by a close family member or a friend who was infected by COVID-19. The day-to-day life we were accustomed to was suddenly altered with unprecedented shutdowns of schools, businesses, and restaurants that threatened the livelihood of so many. Family get togethers were cancelled and travel was restricted. Isolation became the new norm. In the midst of this uncertain time, Franconia Township has maintained a strong sense of community, in large part because of each of you.

The Township is committed to meeting the needs of our businesses and residents. We want to thank the Franconia Township Police Department, Public Works Department, and administrative staff for their commitment to our community throughout the pandemic. With safety measures in place, they have faithfully served our residents. Their strong sense of community was evident last spring when the Franconia Township Police Department, along with local restaurants, provided meals for 300 needy families on four separate Friday evenings.

The Franconia Township Administration Building is open to the public, and willing to help and serve our residents. Public Township meetings are open to the public and are held in person with social distancing procedures in place. We are also resuming the Franconia Township Fall Festival the weekend of October 9th.

But please be vigilant. As much as we all want to see "normal" again, we need to all be responsible in social gatherings as we deal with the new Delta variant of COVID. We have learned what we all need to do over the last year and a half to be safe. However, understandably, everyone is experiencing a level of fatigue. Please don't let your guard down so close to the finish line.

We want to thank the residents of our great Township for your resolve and unity through this uncertain time. Like the excitement of a beautiful, crisp fall day, we look forward in anticipation to more normal times. We are closely monitoring conditions statewide and locally as we remain committed to serving our community as safely and effectively as possible.

Stay safe everyone!

FRANCONIA TOWNSHIP

671 Allentown Road
Telford, PA 18969-2205
215-723-1137
www.franconiatownship.org

BOARD OF SUPERVISORS

Grey R. Godshall, Chairman
David B. Fazio, First Vice Chairman
Robert H. Nice, Second Vice Chairman
Dr. Charles Amuso, Supervisor
Jill Halteman, Supervisor

TOWNSHIP MANAGER

Jon A. Hammer

POLICE DEPARTMENT

Administration 215-723-6777
Emergency 9-1-1
Michael L. Martin, Chief
Steven Cronin, Administrative Sergeant

BUILDING/PLUMBING INSPECTION

215-723-1137
Roger M. Koffel,
Code Enforcement Director
Jerry Rittenhouse, Building
Inspector/Code Enforcement Director

HIGHWAY DEPARTMENT

215-723-1153
Paul R. Nice, Public Works Director

FALL FESTIVAL

OCTOBER 9 & OCTOBER 10





Fall 2021

franc talk

Development Of 2022 Township Budget Underway

It is hard to believe how quickly this year is going! As summer comes to a close and fall is upon us, Franconia Township has been in full swing with the 2022 budget process. Each month, Franconia Township's Board of Supervisors, township manager and department heads review the financial reports created by our independent CPA firm to assess the financial condition of the township.

In July, we began compiling information from multiple sources to begin the 2022 budget process. We use a modified zero-based budgeting strategy, where everything needs to be justified, including staffing, capital needs and day-to-day expenditures. Monthly financial reports, multi-year budgets, expenditure and revenue histories are studied. Department heads compile lists of needs and wants for the upcoming year which are then reviewed and discussed with the other department heads, township manager and financial coordinator. Revenue predictions are a bit trickier in these times. With the bulk of our revenue coming from earned income taxes and real estate taxes, a good portion of revenue comes from variable revenues such as building and other type permits that fluctuate with the national economy.

Further, the Township pension funds are closely tied to the overall economy and market conditions. With good market returns the past few years, we've been able to solidify our pension plans which correlate to lower annual payments to the funds.

Franconia Township embraces a forward-thinking mindset when looking at the budget and makes financial projections for five years. A five-year Capital Projection Budget is created and reviewed for large expenditures, such as road maintenance, equipment repair and replacement, computer upgrades and infrastructure improvements.

In October, there is a full review of the budget draft where additional tweaks are made to the budget as we receive premium costs for our various insurance policies and other such items for the following year. The Board of Supervisors will publicly review the budget, and the budget will be advertised in the local newspaper. The proposed budget draft will also be available at the township office for review by residents. Lastly, the 2022 Budget will be adopted by the Supervisors in December.

Should you have any questions on the Township budget process, feel free to reach out to the Township Manager Jon Hammer at admin@franconia-township.org or 215-723-1137, or feel free to review the Township audit which is posted on the website.





Fall 2021

franc talk

Public Works Department Takes Pride In Parks And Roads

This summer, the Public Works Department was very busy maintaining our expansive park and trail system. Many thanks to our residents for the numerous compliments we received for keeping everything well maintained from mowing the grass, making repairs and ensuring playground equipment is safe for our children. The Public Works staff takes great pride in keeping everything looking good!

Aside from parks and trails, Public Works continues with its program of maintaining its massive infrastructure of storm water management along with pavement preservation. We completed our nova pave project for this year along with our chip seal, fog seal and cape seal projects in the spring. We received approval from PennDOT for planned paving projects and then began the prep work involved for those upcoming overlays.

With winter arriving in the coming months, we need to remind you to prepare for the inevitable upcoming change in weather from liquid precipitation to that dreaded black ice and snow. We are located in a region where weather can change quickly. In the wintertime, precipitation can produce snow, rain or freezing rain and driving conditions can go from dry to wet to treacherous very quickly.

The Franconia Highway Department is under contract with PennDOT for winter maintenance of all State highways within the Township, along with our Township-owned roadways, giving us a total of 80 single-lane miles to keep safe. This total needs to be doubled to complete one pass when plowing open the roadways and a second pass to widen and clean up intersections. We always appreciate when the residents give us room to get our job done so we can be out of the way and traffic can flow more freely.

With regard to streets not being blocked in any way, it is a good reminder that it is unlawful to have any type of basketball structure located within the right-of-way of all Township roads. When clearing snow from curb to curb to allow our mail carriers to make these deliveries, we need the curb line accessible for our equipment. If you have any basketball structure and/or have questions as to where they are permitted, please contact the Public Works Department and they would be happy to assist you.

We ask that each one of you please do your part in paying attention to temperatures and road conditions as you travel over the fall and winter months. We, as highway personnel, will continue to do our best in keeping the roadways safe to travel.



Land Development Update

The following is a look at Land Development projects in the Township.

Approved or Under Construction

The Pizza Box – 402 Morwood Road

Medical Office Building – County Line Road and Township Line Road

Peter Becker Community – 30 Cottages at Pondview

Amplifier Research – Building addition, 160 Schoolhouse Road

Alderfer Glass – 134 Telford Pike, Warehouse and office expansion with associated parking

Bayard Estates – WB Homes, Indian Creek Road, 22 Single Family Homes and 23.6 acres designated for Open Space

Preliminary Approval

Belton Manor Estates – 9 Single Family Homes, Godshall Road

Allebach Tract – 10 Single Family Homes, Cowpath Road and Forrest Road

Rezone Projects

Neighborhood Overlay District – To permit mixed residential development. Applied to property along Beck Road and Cowpath Road.

Professional Office Overlay District – To allow professional office use through the Conditional Use process. Applied to parcels along Township Line Road and County Line Road

BEWARE. IT'S A SCAM!

The Franconia Township Police Department and other police agencies within Montgomery County have been receiving reports from residents whose identity have been stolen or compromised and then used to open unemployment claims, credit cards, phone services, and bank accounts. We also receive frequent reports of scammers attempting to trick or intimidate people into revealing personal information or making payments. Here are a few of the most common scams and how they work:



Unemployment Fraud

The COVID-19 pandemic created much financial turmoil within the United States and around the world. The pandemic forced many Americans out of work, thereby creating a fast and furious demand for unemployment benefits. The number of unemployment claims has been overwhelming, and the Department of Labor and Industry has had difficulty keeping pace with the claims filed. This has created fertile ground for opportunistic criminals to cash in for themselves.

Police reports filed with Franconia Township Police Department indicate that many victims of unemployment identity theft learn of their victimization from either their employer and/or by receiving US Bank ReliaCard or unemployment checks in the mail. You should not attempt to cash a check or activate the US Bank ReliaCard if you did not sign up for unemployment benefits. Instead, you should mark "Void" on all checks and return them to:

Department of Treasury Comptroller's Office
Attn: Mark Accorsi
Room 113, Finance Building
Harrisburg, PA 17120

Anyone who receives a US Bank ReliaCard should take photos of both front and back of the US Bank ReliaCard and then email pictures to the PA Treasury Office of Investigations at the following email address:

officeofinvestigations@patreasury.gov

Internal Revenue Service

Scammers will call or send letters to potential victims with threats of an arrest for not properly filing taxes over the years. The I.R.S. will not make threats of an arrest and will not ask for back payments in the way of gift cards. If the I.R.S. had questions regarding your tax filing, a date and time would be arranged to meet directly with an I.R.S. representative.

Family member needing bail money

This scam is designed to trick you into paying money to free a family member who has been allegedly arrested. The scammer will try to make you believe he/she is a bail bondsman, an officer, or a clerk for legal aid of the courts. The scammer will then go into some detail that a family member was charged in a crime and bail money is needed in order to release the family member. The scammer will ask for bail money to be paid by either banking account information, credit card information, or purchasing of gift cards. No legitimate bail bondsman will ask for payment information over the phone, especially not gift cards. If you would ever need to post a bail for a family member or a friend, you will need to sign paperwork and/or a contract to protect everyone involved.



Fall 2021

franc talk

How is your information being stolen?

Criminals are constantly trying to steal your personal identity by using fake emails, phone calls, text messages, or hacking into websites, such as Amazon and Walmart, where you may do online shopping. Some sophisticated criminals will even try hacking into your personal computer or cellular phones to obtain information from Social Media platforms. Never supply your personal information to anyone via text, email, social media platforms or over the phone, especially from a phone number you do not recognize.

“Phishing” is a term used to describe the electronic or telephonic methods by which criminals try to get your personal information (name, date of birth, Social Security number, home address). Unsolicited emails or phone calls requesting personal information or instructing you to click on a link are undoubtedly Phishing expeditions.

“Dumpster Diving” is a term used to describe how criminal sort through trash containers looking for personal information listed on discarded documents. Be sure to shred any document containing personal and/or financial information.

“Skimming” is a term used to describe how criminals copy your credit/debit card numbers during a legitimate transaction. Card numbers can be skimmed with a secondary recording device, either affixed to an actual point-of-sale terminal or a small hand-held device. Always check statements carefully and check your credit report at least annually.

Theft of personal property remains the most highly effective method for obtaining personal information. Should your wallet or purse be stolen, immediately call the police and your credit card companies.

If it sounds too good to be true, it probably is!

If you receive a phone call, text message, or other communication informing you that you are a lottery winner or a winner of a prize from another country, do not fall for it. The scammer will instruct you to pay additional fees, or “up front” taxes associated with obtaining your winnings. Scammers will request you pay the additional fees in the following manner:

- Gift cards
- Your bank account information
- Your credit card numbers

Gift Cards

The scammer will instruct to purchase a certain dollar amount and ask you to call them back to confirm the purchase(s). Once you call them back, the scammer will ask that you supply the serial numbers on the back of the gift cards. When the scammer receives the serial numbers, the gift cards are redeemed and no longer valid. The scammer quickly uses the serial numbers to make purchases. The same would be done if you supplied your banking or credit card information.

Phone numbers for Victims of Financial Crimes

Credit Bureaus

Equifax (800) 525-6285
Experian (888) 397-3742
Trans Union (800) 680-7289

Social Security Administration

(800) 269-0271

Federal Trade Commission

(877) IDTHEFT (438-4338)

National Consumer League

(800) 876-7060

Consumer Credit Counseling Service

(800) 388-CCCS (2227)

United States Secret Service (Phila)

(800) 861-3300



Fall 2021

franc talk

Welcome To Franconia Township

The real estate market has truly been a tricky endeavor during the past year but along with that has been many new residents moving into our beautiful Township. We welcome those of you that are new to Franconia Township and believe the information that follows will be a helpful resource to you as you become acquainted with our community. Additional information about the amenities afforded to you can be found on the Township website at www.franconiatownship.org.

UTILITIES

Water:	North Penn Water Authority	215-855-3617
Sewer:	Franconia Sewer Authority	215-723-1137
Cable/Phone:	Comcast	215-257-8046
	Verizon	800-660-2215
Electric:	PP&L	800-342-5775
Gas:	PECO	800-484-4000
Oil:	Resident's choice	

SCHOOL DISTRICT

Souderton Area School District
215-723-6061
www.soudertonsd.org

TAXES

Earned income tax: 1.25% for residents living in Franconia Township

Collected By:
Berkheimer Tax Associates
325 Pottstown Pike
Exton, PA 19341
610-599-3140

School & Real Estate Taxes Collected By:

Wm. Keith Freed
Franconia Township Tax Collector
215-723-2024
wkeithfreed@franconia-township.org

POLICE	Emergencies:	911
	Non-Emergencies:	215-723-6777

PUBLIC WORKS DEPARTMENT 215-723-1153

TRASH COLLECTION

Resident's choice
(Recycling bins are available at the Township Building)

Advanced Disposal:	610-440-3700
Allied Waste Service: (now Republic Services)	215-723-0400
Waste Management:	215-257-1142
Whitetail Disposal:	610-754-0103

Free leaf bags are available at the Township Building. Please contact your trash hauler to determine guidelines for pickup of full bags.

20'X35' (40' DIAGONAL SCREEN SIZE) GATES OPEN 5:30PM



October 1st
(Friday)

\$20 DONATION PER CARLOAD
MOVIES START AT 7:00 PM



October 2nd
(Saturday)

FOR TICKETS VISIT www.ftpba.com
(Tickets limited to the first 350 cars)

Food & Drinks will be available for purchase at the pavillion



Fall 2021

franc talk

Household Hazardous Waste Collections Set For September and October

Montgomery County sponsors a number of household hazardous waste recycling events annually. The last two events for 2021 will be held on Saturday, September 25th at Spring Ford 9th Grade Center, 400 South Lewis Rd., Royersford, PA and Sunday, October 24th at Lower Merion Transfer Station, 1300 N. Woodbine Ave., Penn Valley, PA by appointment only. Registration is required, and the list of events with their registration link can be found on the Township's home page website under News and Announcements. A list of guidelines for acceptable materials follows this article.

One item that can be handled properly by residents is latex paint. If you have latex paint you wish to dispose of, you can take the lid off and let it dry out in the sun or fill the can with cat litter to dry it out. Once this is done, these paint cans be thrown in the trash. This is not the case for oil paint. It must be taken to a hazardous waste recycling event.

Due to the difficulty of complying with State regulations, electronic recycling events are rarely sponsored. Although State law requires electronics manufacturers to offer recycling opportunities for TVs and computers, those manufacturers are no longer sponsoring County recycling collections in the Southeastern Pennsylvania region. Concern about the lack of disposal options for TVs and computers should be directed to the appropriate State Representative and Senator. If you are uncertain who that is, go to www.legis.state.pa.us and on the left under "Find Your Legislator," enter your address.

ACCEPTABLE MATERIALS

PAINT PRODUCTS	OUTDOOR PRODUCTS	AUTOMOTIVE PRODUCTS	HOUSEHOLD PRODUCTS	HOUSEHOLD OTHER
Turpentine	Swimming Pool Chemicals	Grease & Rust Solvents	Drain Openers	Acids, Caustics, Solvents
Paint Thinners	Weed Killers	Fuel Additives	Rug Cleaners	Flammables
Strippers & Removers	Septic Tank Degreasers	Carburetor Cleaners	Wood & Metal Cleaners	Oxidizers
Oil-Based Paints	Asphalt Sealers	Transmission/Brake Fluid	Mothballs/Flakes	Reactives
Stains, Varnish	Caulking Compounds	Antifreeze	Adhesives/Solvents	Lead
Shellac	Joint Compound	Car(lead-acid), Truck, Motorcycle, Marine, Batteries	Rechargeable Batteries, Lithium, Ni-Cad, Button, Lead Acid	Mercury (Thermostats & Thermometers)
Other Solvent-Based Paint Products	Roof Cements	Gas, Oil, Gas Oil Mixture	Spot Removers, Dry Cleaning Fluid	Fluorescent Tubes, Ballast, and CFLs
Wallpaper Cement	MINI Propane Tanks, No BBQ Tanks	Road Flares, No Marine Flares	Fire Extinguishers	Aerosols
Spray Paint	Pesticide		Kerosene	Electric Oil-filled Heaters

UNACCEPTABLE MATERIALS

Explosives & Ammunition	Electronics/Televisions	Asbestos	Appliances/White Goods
Infectious or Medical Waste, Prescription Drugs	BBQ-Sized Propane Tanks (leave at local exchange sites)	Radioactive Waste	Freon/Refrigerants
Tires	Helium Tanks	Unidentified Waste	25- or 50-Gallon Drums
Latex Paint* (Water-Based)	Gas Cylinders	Alkaline Batteries (Trash)	Smoke Detectors

* Take off lid, dry out paint, discard can without lid; or pour paint into plastic bag with absorbent material (clay based kitty litter, saw dust, rags) place bag and can without lid, in trash. Paint hardener can also be purchased at hardware stores.

COVID-19 SAFETY GUIDELINES

- Montgomery County events are following state guidelines and public health restrictions.
- Events may be cancelled based on the status of the pandemic as per state requirements.
- Materials must be in the trunk of the car or bed of the truck or SUV. Leave items at home that are not for the event.
- If you need your gas can or container returned, please tape a note to it stating that you want to keep it.
- You must stay in your car and wear a mask while in the event site.
- You may arrive any time within your registered appointment window.
- Please print out your ticket if possible (or write your name and appointment time on a piece of paper) and place it on your dashboard.
- If you cannot attend the event, please cancel your appointment through [Eventbrite](https://www.eventbrite.com) or by contacting [Montco Recycling](https://www.montco.org/recycling), as others may be waiting for an opening.

DROP OFF GUIDELINES

- NO TVs, electronics, or appliances will be accepted.
- Event workers will unload your materials so please remain in your vehicle with your windows up.
- BUSINESSES AND CONTRACTORS WILL BE TURNED AWAY, no commercial/industrial waste accepted.
- Bring all substances in original containers with labels. Items must be identifiable. Do not mix materials.
- Tighten lids on all containers. If containers are leaking, pack in larger container with newspaper to soak up leaks.
- Maximum amount accepted is 25 gallons or 220 pounds. No 25- or 50-gallon drums.
- There are no permanent drop off locations in the region for household hazardous waste, only the listed collections.



FRANCONIA TOWNSHIP

671 Allentown Road
Telford, PA 18969-2205

PRSR STD
U.S. POSTAGE
PAID
PERMIT #117
SOUTHEASTERN PA
19399

www.franconiatownship.org



The Beat Tells took Franconia to “Strawberry Fields Forever” during the annual Summer Concert in August. A great crowd enjoyed the hits of the Beatles with family and friends under nice weather. See you for the 2022 concert.

Sign Up For The Township’s Email Newsletter

The Township’s email newsletter delivers updates on activities, news and meetings right to your inbox. To subscribe, just visit the Township’s website at www.franconiatownship.org. Your address will only be used for the Township’s email newsletters.



You can also keep informed by following the Township on [Twitter at @FranconiaTwp](https://twitter.com/FranconiaTwp).

franc talk



Spring 2022

Municipal Building Facelift Is Complete



Stop in and see us! Construction is complete on the renovations to the Township Building. A new lobby, meeting room, restrooms, flooring, ceilings, lighting, and a new audio/visual system have been added. It's the first major renovation to these areas in over 45 years.

Although the construction has presented its challenges, we appreciate your patience. During the construction, we remained open by allowing access to office personnel through other areas of the building so it is nice to have the front doors open again into the beautifully renovated building.

Although the lobby is now open, please remember the "lock box" is still available for dropping off items 24/7. The lock box is located adjacent to the front doors.

The Franconia Township Municipal Building was originally constructed in 1976.

FRANCONIA TOWNSHIP

671 Allentown Road
Telford, PA 18969-2205
215-723-1137
www.franconiatownship.org

BOARD OF SUPERVISORS

Grey R. Godshall, Chairman
David B. Fazio, First Vice Chairman
Robert H. Nice, Second Vice Chairman
Dr. Charles Amuso, Supervisor
Jill Halteman, Supervisor

TOWNSHIP MANAGER

Jon A. Hammer

POLICE DEPARTMENT

Administration 215-723-6777
Emergency 9-1-1
Michael L. Martin, Chief
Steven Cronin, Administrative Sergeant

BUILDING/PLUMBING INSPECTION

215-723-1137
Roger M. Koffel,
Code Enforcement Director
Jerry Rittenhouse, Building
Inspector/Code Enforcement Director

HIGHWAY DEPARTMENT

215-723-1153
Tony Frydlewicz, Public Works Director



Spring 2022

franc talk

A Message From Township Manager Jon A. Hammer

With nice weather finally here, I am optimistic that 2022 will bring a newness, a springtime for us all. To help usher in these better times, the Township is in the process of some large-scale projects to better serve the residents.

For the first time in decades, the municipal building on Allentown Road has seen significant improvements, including upgrades to the lobby area, main meeting room and restrooms. New flooring, lighting, doors, and technology improvements, including the addition of big screen video monitors have been added. But that's not all.

This year, we will also be making upgrades to the playground area at Franconia Community Park. New playground equipment will be added, and a rubberized surface installed to allow children of all abilities to play together in a fun and safe environment. And lastly, we are continuing to make improvements to the pond area at Enos

B. Godshall Park which will include the removal of dead trees, creating a biodiversity area at the current pond, and increasing areas for picnicking and passive recreation. This improvement is part of the Township's MS4 stormwater upgrades.



And one more improvement is PennDOT has begun construction on the 309 Connector Road which will help alleviate truck traffic and congestion in the Township, creating a direct route to the Pennsylvania Turnpike without using our local roads. More information on this project can be found at www.pa309connector.com.

As most everyone is aware, Franconia Township has amongst the lowest municipal real estate taxes of any municipality in the region with its own police department. We take great pride in providing outstanding basic local government services at a low tax rate, including being recognized as one of the safest communities in the entire state. I would encourage anyone with questions on the Township's financial status to view our financial audit posted on the Township website. By any account, the Township is in a very strong financial position, with very little debt, and we expect to keep taxes low for years to come. However, we do recognize and have prepared well for the economic uncertainties the future holds.

In conclusion, I'd like to thank and congratulate our former Public Works Director Paul Nice on a very successful career. Paul retired in January after more than 50 years with the Township. Paul's fingerprints are everywhere in the Township, from the park system, to trails, to the condition of our roads. No one knows the Township better than Paul. I wish him and his family well and thank him for his service to the Township. Paul will be missed. Tony Frydlewicz has been named our new Public Works Director. Tony was promoted from within the Township, as he was previously the Crew Leader under the Public Works Director.

I wish everyone a great year. Should you have any Township related questions, please feel free to reach out.

Public Works Director Paul Nice Recognized After Decades Of Service

In January, Paul Nice retired and Franconia Township recognized and honored him for his service as our Public Works Director for more than 50 years. Paul had a very successful career with the Township, and his fingerprints are everywhere from the park system, to trails, to the condition of our roads. No one knows Franconia Township better than Paul! Paul will be missed, and we wish him and his family well and thank him for his years of service, dedication and a job well done.

A familiar face in the Township, Tony Frydlewicz, has been named as our new Public Works Director. Tony has served in the position of Crew Leader since July 2018 and, having been with the Township for a number of years under the mentorship of Paul Nice, he is very familiar with the workings of Franconia Township and is highly qualified to take over the position. We wish Tony well in his new capacity!



Grey Godhall (left), chairman of the Board of Supervisors, presents a congratulatory plaque to Paul Nice in appreciation for his many years of dedication and commitment and for going above and beyond serving Franconia Township.

Franconia Continues To Address Stormwater Runoff

The Township is continuing its efforts to address Municipal Separate Storm Sewer System (MS4) requirements established by the Environmental Protection Agency (EPA).

As a reminder, MS4 deals with stormwater runoff of all kinds – from rooftops, to driveways, to roads, and yes, even lawns and farm fields. EPA's concern is two-fold. If rainwater is not able to soak into the ground (impermeable surfaces), then it flows rapidly into streams causing flooding and erosion. The rainwater can also pick up pollutants as it travels over the ground surface.

The Public Works crew has started a project at Enos B. Godshall Park. The goal is to convert the existing pond, which is not much more than a wide spot in the stream, into a bio-retention pond. A bio-retention pond is one that collects rainwater and slowly releases it downstream or allows it to percolate into the soil, thus reducing rapid runoff and allowing the soil to treat some of the pollutants. Along with redesigning the pond, the adjacent areas will receive tree and shrub plantings.



Lock Box Available For Payments

Life is busy as are the schedules we have to keep so for the convenience of our residents, the Township has a lock box for use after hours in making sewer or tax payments as well as dropping off permits or other documentation you might need to provide to the township. The lock box is black and mounted on the left side of the township building next to the entrance doors and is secure and checked daily.



Spring 2022

franc talk

Prescription Drug Drop-Off Box Available At Police Department

Any residents looking to discard their unused or expired prescription medications are welcome to take them to the Police Department for proper disposal. There is a convenient, secure green container in the station lobby where items can be deposited. The lobby is open Monday through Friday from 8 a.m. until 4 p.m.

Sharps or syringes are not considered household hazardous waste and should be disposed of with your regular trash pickup. Sharps should be placed in a puncture-resistant hard plastic or metal container. The container should be sealed and placed in a securely fastened opaque trash bag. It is also recommended to disinfect sharps with a solution of one teaspoon of bleach in a half gallon of water. Please do not recycle sharps. For more information, see Montgomery County's website at <https://www.montcopa.org/2009/Sharps-Syringes>.

When in Doubt, Call!

In the daily grind of life, day or night, you may see or hear something that appears to be out of the ordinary. Despite how insignificant an event may seem, if it piques suspicion, it is worthy of reporting by calling 911. Often crimes are averted or solved because someone made a timely report. Officers are patrolling 24 hours a day, and your call is never a bother.

All calls to the Police Department will be answered. Calls will automatically be answered by Montgomery County 911 dispatchers at night and on weekends and also during business hours if no Franconia Township Police Department Administrative Staff are available. Do not be alarmed if you hear a 911 dispatcher answer the phone. Although we always have police officers on duty, our administrative office is typically open for business Monday through Friday from 8 a.m. to 4 p.m.

Non-emergency inquiries, such as general questions, contacting a specific officer/detective, requests for soliciting permits or police records/crash reports should be made by calling the Police Administrative Office at 215-723-6778 during regular business hours.

Police Department Offers Special Needs Registry

Did You Know: The Police Department offers a service to our residents with special needs. Any household that has a person with special needs can complete an In House Special Needs Information Questionnaire which is found under "Forms" for the Police Department on the Township website at www.franconiatownship.org.

Once completed and filed with the police department, the information is kept in a database which can be accessed by officers responding to calls for service at that residence. This allows officers to prepare resources prior to arrival, which will better serve the specific needs of the registrant(s).





Spring 2022

franc talk

Franconia Prepared To Weather Economic Downturns

Cities and townships across the country are especially susceptible to economic downturns and inflationary pressures. Franconia Township is not immune to these issues.

High oil and gas prices have made fueling public works' trucks and police vehicles more expensive. Paving has become more expensive. And like in your own household, everything on the expenditure side of the ledger is more expensive for local governments. That includes electricity for traffic and streetlights, personnel and pension costs, purchasing of vehicles and computer supplies, etc.

However, despite the reality of these economic challenges, Franconia Township has prepared well by investing and maintaining infrastructure and providing outstanding basic local government services at a reasonable tax rate. That means providing outstanding police protection, maintaining Township roads in both summer and winter conditions, and keeping our park system beautiful for our residents to enjoy.

Although we expect challenges ahead, the Township remains on firm financial footing, with very low debt and strong financial results year after year. We encourage residents to review the Township budget and the Township annual audit, both of which are posted on the website at www.franconiatownship.org. We take great pride in keeping Township finances transparent.

Should you have any questions on the Township budget, feel free to reach out to Township Manager Jon Hammer at admin@franconia-township.org or 215 723 1137.

Sewer Extension To Schoolhouse Road And Kulp Road Finished

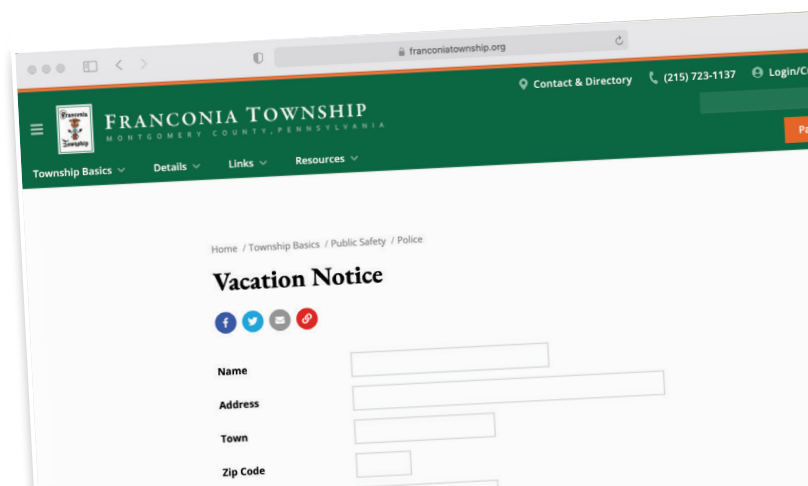
Franconia Sewer Authority has completed its extension of public sewer to residents of Schoolhouse Road and Kulp Road. Property owners have been able to connect since early April.

Our Morwood Project (Phases 1 and 2) is essentially complete. As of this date, 101 property owners have chosen to connect to public sewer in the Morwood area. We are happy that we were able to help these residents and the environment!

Going On Vacation? Let Us Know

Do you have an upcoming vacation planned? The Police Department invites residents to fill out a Vacation Notification Form which can be completed and submitted online.

The notification form is found on the Township website at www.franconiatownship.org by typing vacation notice in the search bar. Having this form completed and on file provides the Police Department with important logistical information about such things as lights on timers, vehicles that will remain in your driveway and any contractors expected at your home while you are away. Providing this form to the Police Department can provide extra peace of mind so you can relax and fully enjoy your vacation.





Spring 2022

franc talk

Public Works Department Again Busy In Spring

It's another season for spring and summer maintenance for the Township Public Works Department and, to be honest, it's better than snow plowing!

Some have noticed that we have started a project at Enos B. Godshall Park. The goal is to remove all of the old and dead trees and to convert the old fire pond into a beautiful bio-retention area. One of the main reasons for doing this is to help with stormwater runoff from the pond by installing a bio-mix soil, which will help with our MS4 requirements from the state.

Preventative maintenance of our infrastructure is always a high priority for our maintenance crew. In fact, it is priority # 1, and we take great pride in maintaining our infrastructure. Proper drainage is a key factor in producing safer roadways; therefore, a lot of effort is put into controlling and directing stormwater into our grassy swales and storm drainage structures. The importance of doing this is to keep the water away from the sub-base which affects the integrity of our highway system and reduces icing and potholes throughout the winter season.

Pavement preservation is another priority in Franconia Township. We use various types of surface treatments to control oxidation and keep water from penetrating the surface of our roads. Crack sealing and chip sealing are two of the most cost-effective types of preservation on the market, but we have found alternatives depending upon the roads. We are currently using a fog seal on top of our chip seal in more densely populated areas along with a cape seal in some others.

We have been using another newer seal coat process on high volume roadways. This method is an ultra-thin overlay that seal coats the road surface with liquid asphalt and then applies a pave-layed single stone hot mix on top of the asphalt. All of the products mentioned above will be used on the various roads throughout the Township this summer.

PennDOT will be milling and paving Cowpath Road from Route 113 to County Line Road. Franconia Township's public works crew will be milling and paving Middle Park Drive that runs through Banbury development and a section of Halteman Road this year.

We ask that you respect all notices of work that are planned in your area and avoid road closures so we can leave you with a better finished product.

Land Development Update

Approved or Under Construction

- **The Pizza Box** – 402 Morwood Road
- **Peter Becker Community** – 30 Cottages at Pondview
- **Amplifier Research** – Building addition, 160 Schoolhouse Road
- **Alderfer Glass** – 134 Telford Pike, Warehouse and office expansion with associated parking
- **Bayard Estates** – WB Homes, Indian Creek Road, 22 Single Family Homes and 23.6 acres designated for Open Space
- **Belton Manor Estates** – 8 Single Family Homes, Godshall Road
- **Allebach Tract** – 10 Single Family Homes, Cowpath Road and Forrest Road

Currently Before the Board of Supervisors

- **Reserves at Franconia, Pulte Homes** – 42 Single Family Homes & 42 Townhouses Beck Road and Cowpath Road
- **Souderton Mennonite Homes** – Land Development, W Reliance and Colonial Avenue

Rezoning Projects

- **Rezone of parcels along W Reliance Road** – From R-130 to Institutional
- **Neighborhood Overlay District** – To permit mixed residential development. Applied to property along Beck Road and Cowpath Road.
- **Professional Office Overlay District** – To allow professional office use through the Conditional Use process. Applied to parcels along Township Line Road and County Line Road





Spring 2022

franc talk

Franconia Township Events Calendar

FRANCONIA TOWNSHIP CLEAN-UP DAY

WHEN: Saturday, May 21, 2022
7 a.m.-11:45 a.m.

WHERE: J.P. Mascaro & Sons Transfer Station Lower & Wile Roads

Any Franconia resident may dispose of normal household trash at this year's Township Clean-Up Day at the Mascaro Transfer Station at Lower and Wile roads.

Prior registration is required and can be done in person beginning Monday, April 18 at the Franconia Township Municipal Building located at 671 Allentown Road between 8 a.m. and 4 p.m. Registration is first come, first served and spaces are limited. Normal household trash may include:

- Old appliances and "white goods" (i.e. old dishwasher, washing machine)
- Refrigerators or freezers (only with condenser and coils removed)

Electronics, construction debris, grass clippings, motor oil, tires, paint and hazardous materials and car parts will not be accepted.

YOUTH TENNIS CLINIC

WHEN: June 20-23, 2022 (Rain date: 6/24)
9 a.m.- Noon

WHERE: Franconia Community Park Tennis Courts

The Franconia Parks

& Recreation Board

will once again be

sponsoring a youth

tennis clinic this

summer. The clinic

will be for children

6-12 years old. Skilled

instruction will be

provided by Monica

Bach. The cost of the

clinic is \$100 per person, and all you need to bring along for

the clinic is a tennis racket! Please check with the Township

Office or the website to get any information or updates on

this clinic.



CONCERT IN THE PARK

WHEN: Sunday, August 14, 2022
6 p.m.- 7:30 p.m.

WHERE: Franconia Community Park

The Franconia Parks & Recreation Board is pleased to announce that it will be sponsoring a summer concert this year featuring Mike Guldin & Rollin' & Tumblin'.

They will be performing your favorite blues, rock & roll, soul, roots and Americana hits. North Penn Goodwill Truck and Downtown Scoop will be at the event providing food, drink and ice cream for purchase. So grab a lawn chair and join us on the lawn of Franconia Community Park to enjoy this night of music and family fun!



FALL FESTIVAL

WHEN: Saturday, October 8, 11 a.m. to 7 p.m.
Sunday, October 9, 11a.m. to 6 p.m.

WHERE: Franconia Community Park

Franconia Township Police Benevolent Association & Franconia Township will once again be holding our Fall Festival this year which includes our very

popular fireworks show on Saturday evening. Highlights of the weekend are hay rides, music, food, bouncy houses, hay maze, vendors and a schedule of events and fun activities throughout the weekend. We hope you can join us for this great Fall event!





FRANCONIA TOWNSHIP
671 Allentown Road
Telford, PA 18969-2205

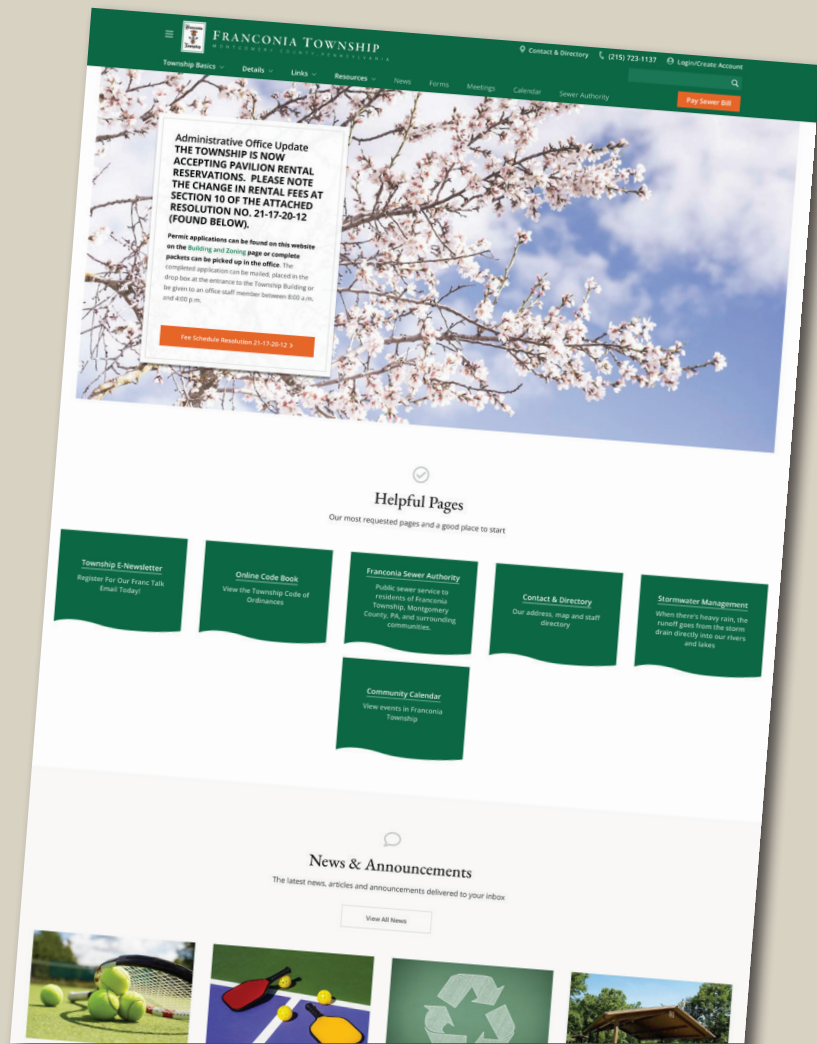
PRSR STD
U.S. POSTAGE
PAID
PERMIT #117
SOUTHEASTERN PA
19399

www.franconiatownship.org

Visit The Township Website And Be In The Know

Are you interested in the latest news, events and information for Franconia Township? If you visit the home page of the township website at www.franconiatownship.org and scroll down to "News & Announcements," you will find the most recent information the township has to offer. We invite you to visit the page regularly to be "in the know!"

www.franconiatownship.org



On May 21, 2020, the Department received a complaint regarding stormwater from Telford Pike discharging through a neighbors' property and onto his property.

On Wednesday June 10, 2020, I visited the site. The area of concern lies behind the homes at Bergey Rd and Telford Pike, Telford, PA Franconia Twp. Both Bergey Rd and Telford Pike are municipal Rds. And therefore, part of the municipalities MS4.

On the eastern side of Telford Pike, there is a stormwater ditch which makes its way to a cross pipe. The entrance to the cross pipe is located at 274 Telford Pike. It goes under Telford Pike through the property of 261/263 Telford Pike and discharges behind the homes. Once it discharges it travels over the back yards of the homes on Bergey Rd. before finally making its way into an endwall located the back yard of a home located on Elm Wood Dr. (See below map for more details).

In addition to my inspection, I also spoke to the complainant and Paul Nice, Franconia Twp regarding this issue.

According to Paul Nice, Telford Pike used to be a county road but sometime in the 1970's the county and the township came to an agreement that the township would take over maintenance of the road. Prior to the houses along Bergey Rd and Telford Pike being built, the area was farmland. There is a tributary to Indian Creek to the west which is where the stormwater eventually makes its way. The homes were built approximately 60 years ago, prior to the current Chapter 102 requirements. According to the township, they do not have any development plans that show what type of stormwater management was supposed to occur in that area, if any.

It appears that the natural flow of water would be from the east to the west (toward the Indian Creek tributary). However, it probably would have been sheetflow at the time the area was farmland. I believe that when the houses were built, a swale and cross pipe were installed in order to prevent stormwater issues in the front yards of the homes along Telford Pike.

Behind 511 Bergey Rd., there is a Willow Tree where a ditch is beginning to erode. Just past this tree is where the stormwater from Telford Pike discharges. There are also other small discharge pipes coming from the various houses that all seem to discharge in this same area. Looking at topo maps for this area, it appears there may have been a very soft natural swale and most if not all of the houses along this stretch of Bergey Rd. seem to have a discharge pipe along this swale. That natural swale would have conveyed the stormwater to the Indian Creek tributary.

At this point the erosion in the area seems relatively minimal, however as time goes on the ditch may grow and may require some maintenance in the future.

In accordance with the MS4 program, the municipality has to reduce its sediment load to these tributaries by 10%. This is typically accomplished by installing BMPs (Best Management Practices). There may be an opportunity for the township to install BMPs such as a rain garden and/or vegetated swale, etc. in this area, or vegetated swales along Telford Pike helping to address a local flooding issue while also receiving MS4 credits.

Photographs



Eroded Channel on the property of 284 Telford Pike. This channel discharges along Telford Pike and seems to be the origin of the ditch along Telford Pike



Beginning of ditch along Telford Pike.



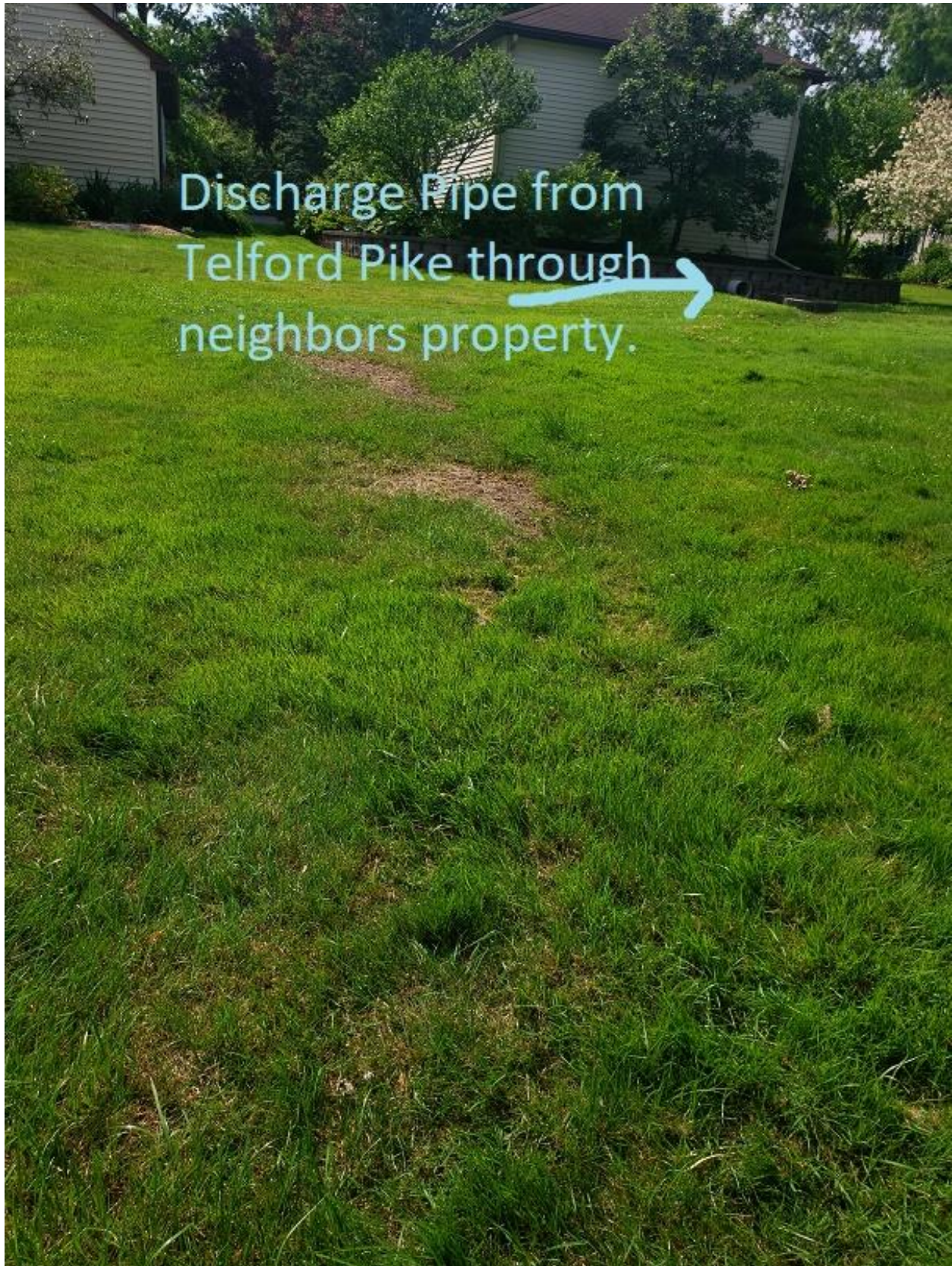
Ditch continues under driveway through culvert.



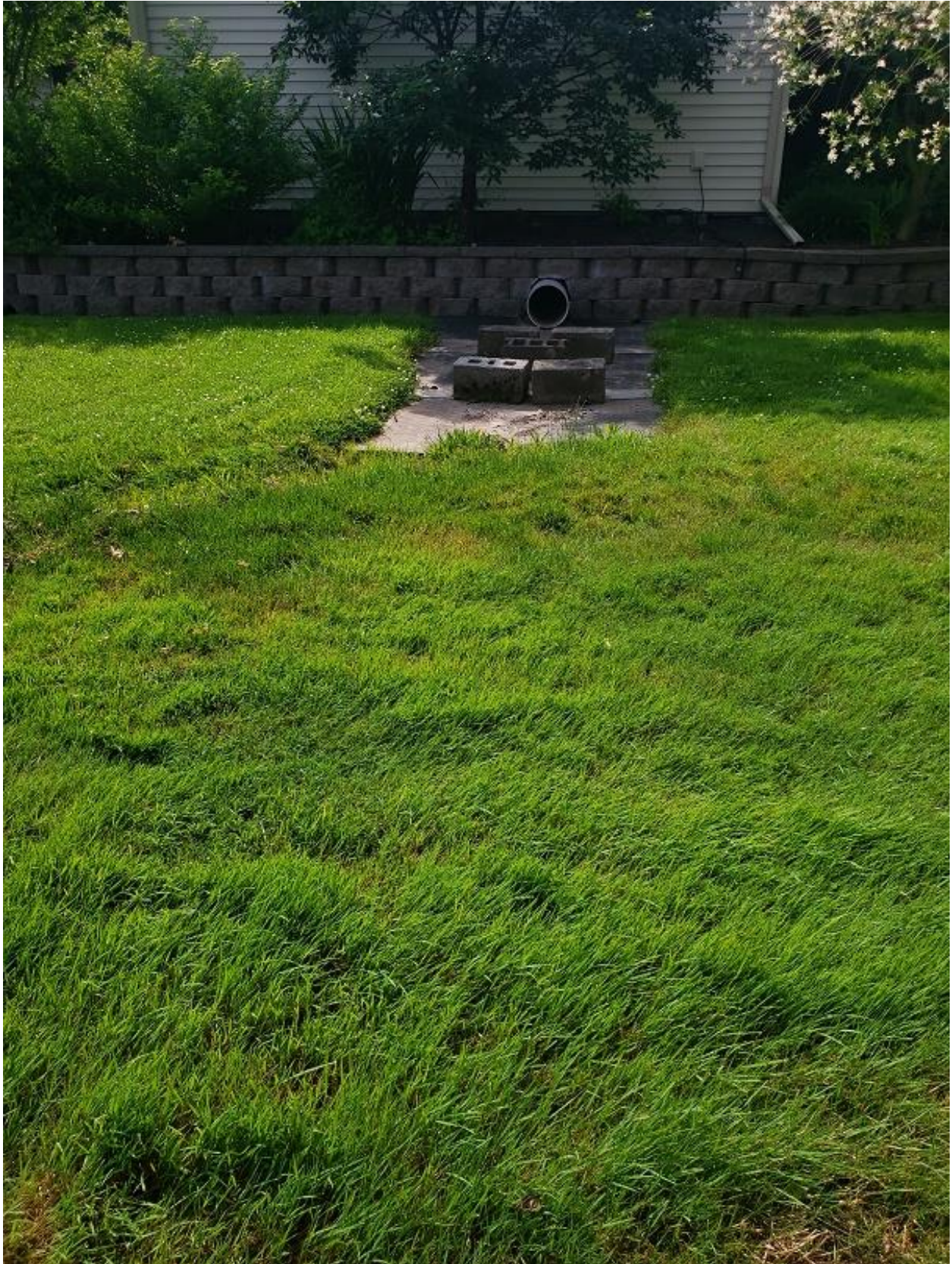
Drainage ditch originating from the property of 274 Telford Pike. This ditch discharges into the ditch on Telford Pike.



End of ditch along Telford Pike. The ditch ends in front of 274 Telford Pike. Under the grate is the beginning of the cross pipe that take the stormwater under Telford Pike and under the property of 261/263 Telford Pike.



Discharge pipe from Telford Pike located behind 261/263 Telford Pike.



Close-up of discharge pipe.



Willow tree behind 511 Bergey Rd. Ditch is beginning to erode.



Discharge pipe near Willow Tree.



Standing at Willow tree behind 511 Bergey Rd looking toward the development on Elmwood Lane.



As you get closer to development and next Willow tree, the ditch disappears.



Standing in back yard of 334 Elmwood Lane looking toward Telford Pike.



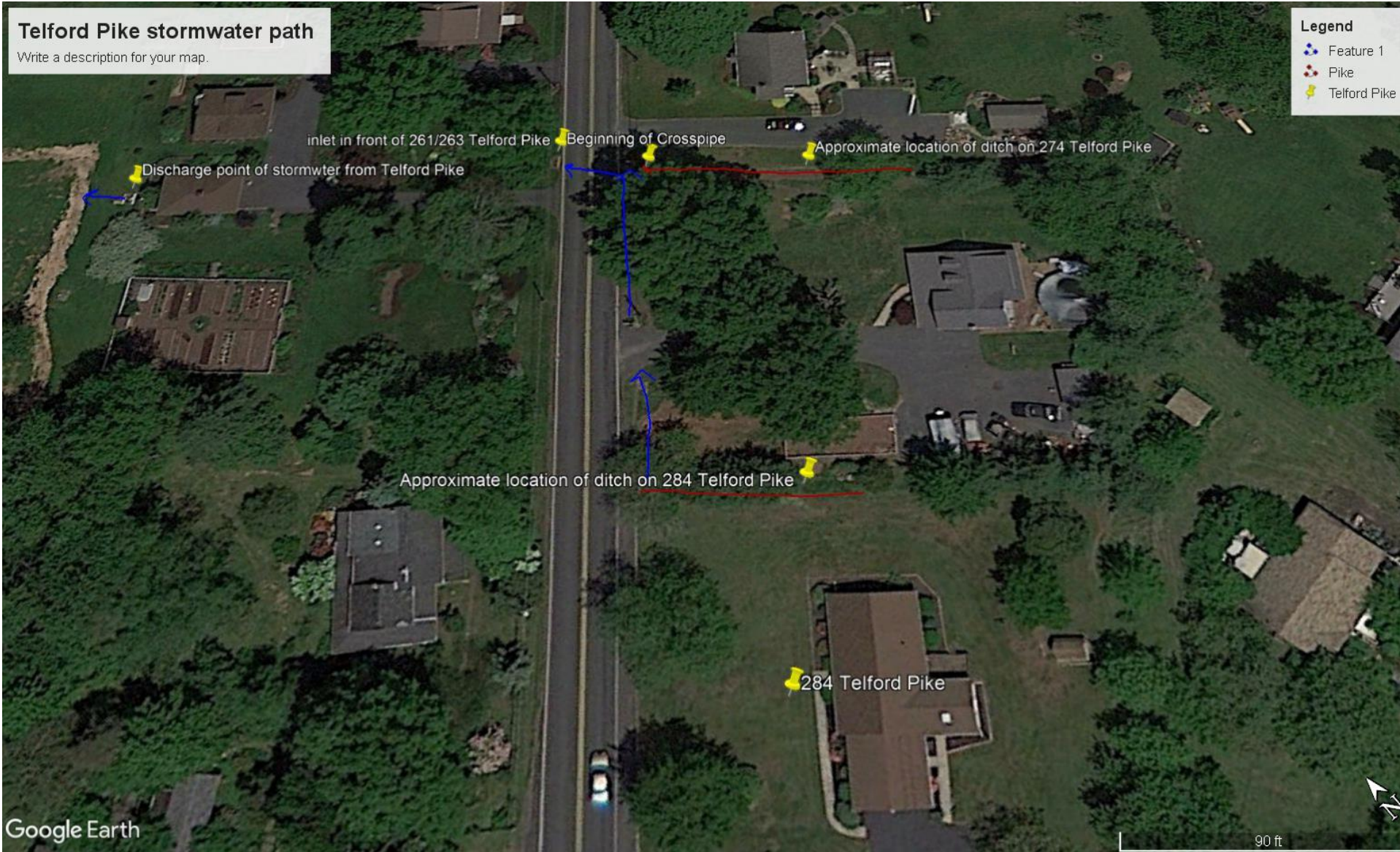
Endwall located on 334 Elmwood Lane. I believe the beginning of the Indian Creek tributary begins in this area. The stormwater from Telford Pike makes its way to this endwall.

Telford Pike stormwater path

Write a description for your map.

Legend

- Feature 1
- Pike
- Telford Pike



Google Earth

90 ft

Telford stormwater path behind Bergey Rd homes

Write a description for your map.

Legend

- Feature 1
- Pike
- Telford Pike

location of endwall at 334 Elmwood Lane

inlet in front of 261/263 Telford Pike

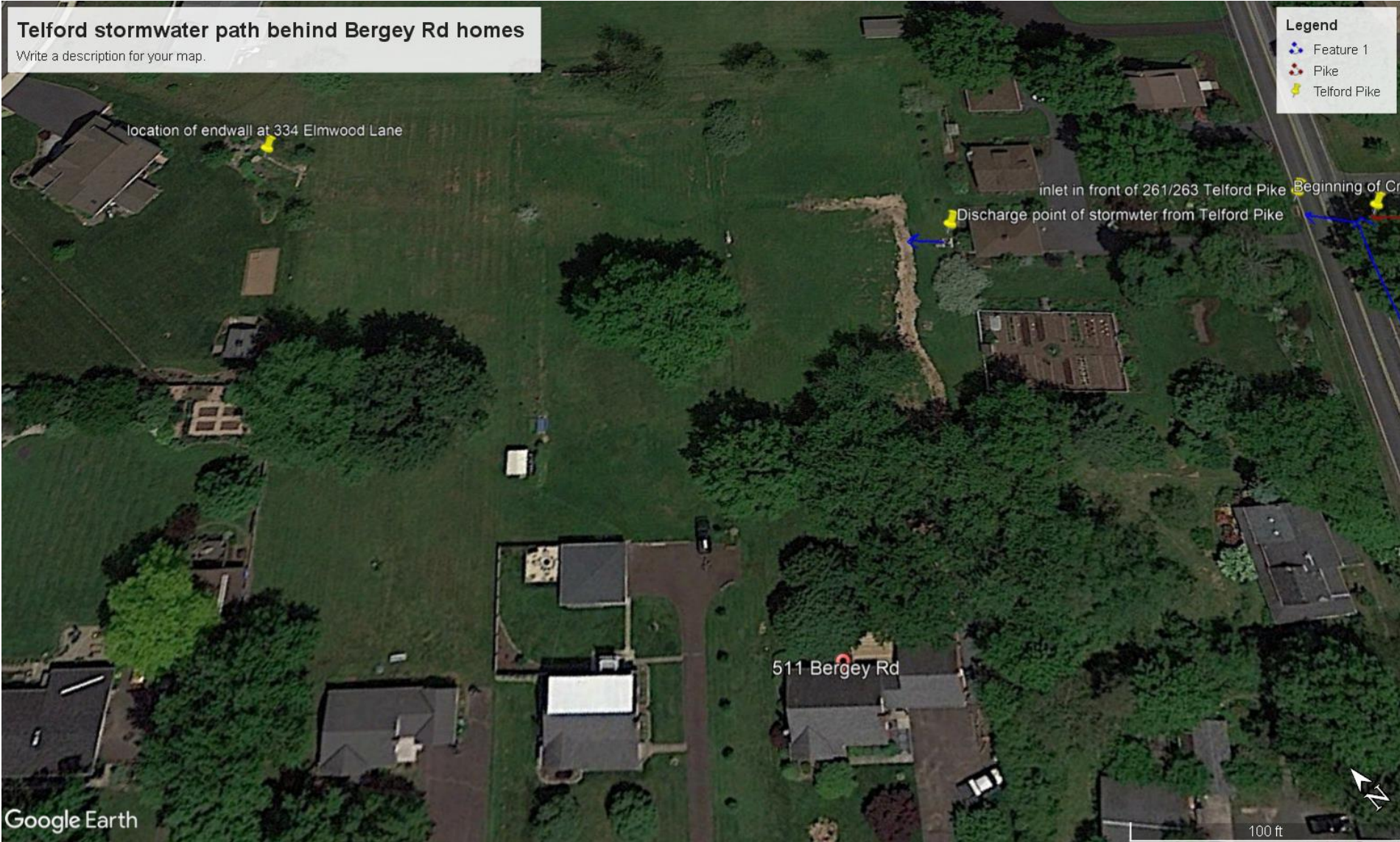
Discharge point of stormwater from Telford Pike

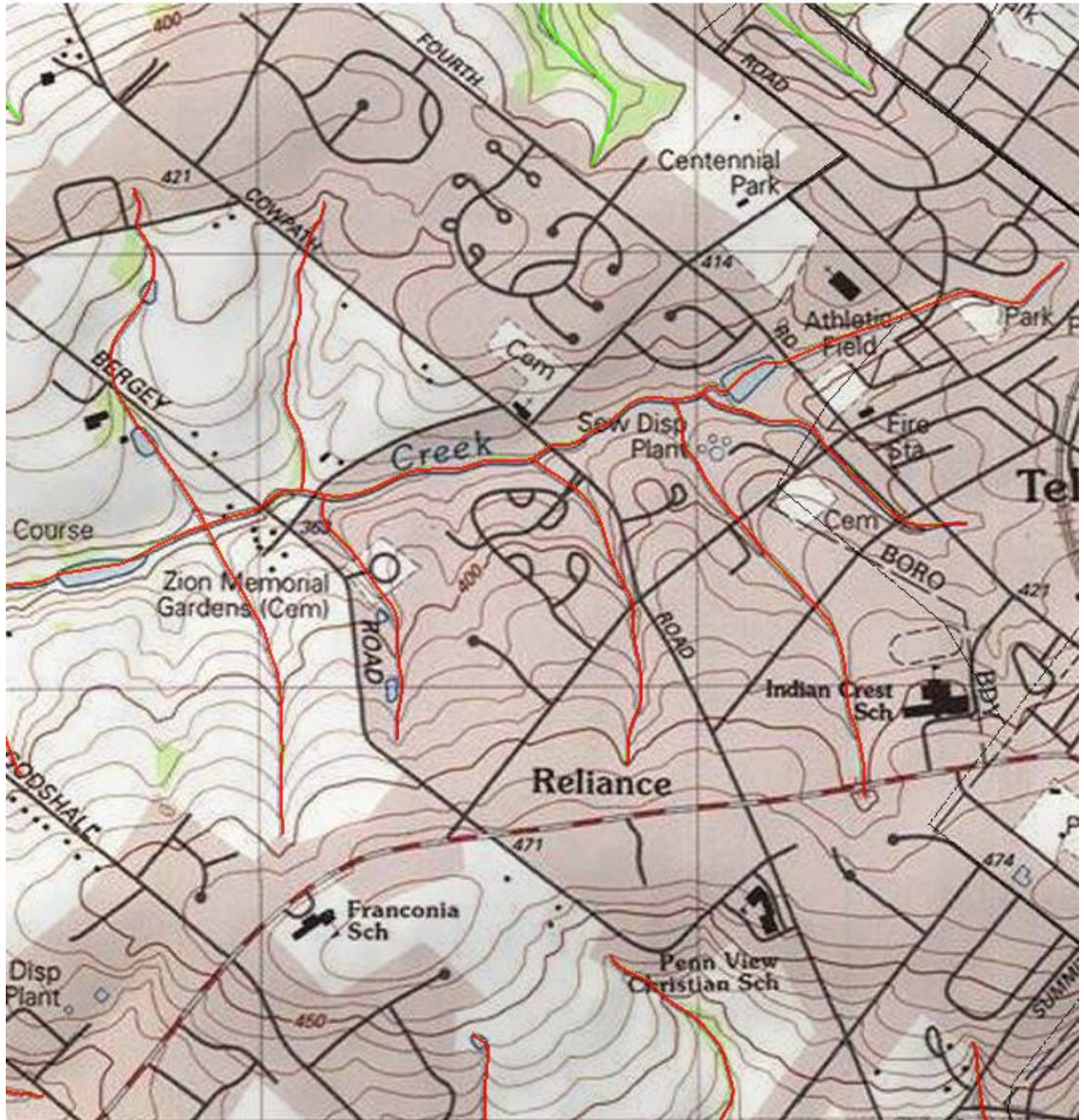
Beginning of Cr

511 Bergey Rd

Google Earth

100 ft





FRANCONIA TOWNSHIP COMPLAINT TRACKING

DATE	NATURE	DESCRIPTION	ADDRESS	OWNER INFO
3/14/2014	STORMWATER	RESIDENT CALLED WITH CONCERN ABOUT DRAINAGE BTWN HER AND NEIGHBOR. THE DRAINAGE ISSUES HAS TO DO WITH LANDSCAPING AND PROPERTY IMPROVEMENTS. PRIVATE PROPERTY TO BE ADDRESSED BTWN OWNERS.	117 ABBEY LANE, TELFORD, PA 18969	RICHARD AND LOIS KOELLE
6/27/2014	STORMWATER	RESIDENT CALLED WITH CONCERN ABOUT PROPOSED RAIN GARDEN TO BE INSTALLED NEAR HIS PROPERTY BY PENNDOT AS PART OF A ROAD PROJECT. DISCUSSED ISSUE WITH TOWNSHIP ENGINEER AND WAS INFORMED OF THE BENEFITS OF A RAIN GARDEN TO THE RESIDENT.	191 COWPATH ROAD, SOUDERTON, PA 18964	CARL LEVIN
7/16/2019	STORMWATER	DRAINAGE COMPLAINT OF SW FROM LINCOLN WOODS DEVELOPMENT	100 Kulp Road	Douglas and Lysa Schmitt
6/30/2020	STORMWATER	SNOW MELT CAUSED BASEMENT FLOODING	BERGEY ROAD/TELFORD PK (FROM DENNIS DETWEILER PROPERTY)	Various
9/7/2021	STORMWATER	STORMWATER FLOWS FROM TWP MS4 FLOWING TO PRIVATE PROPERTY	BERGEY ROAD/TELFORD PK	



MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/8/2022

Outfall ID No.: O-MS4-2022-1

Land Uses in Outfall Drainage Area (Select All):

Latitude:

- Industrial
- Commercial
- Open Space
- Urban Residential
- Suburban Residential
- Other

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/28/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED			
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel	<input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other	Diameter:	in Water	Sediement
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other	Depth:	Top Width:	Bottom Width:	<input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

hav.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/1/2022

Outfall ID No.: O-MS4-2022-2

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

- Industrial Urban Residential
 Commercial Suburban Residential
 Open Space Other

Dry Weather Inspection?

Date of Previous Precipitation: 05/28/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Single <input type="checkbox"/> Elliptical <input type="checkbox"/> Double <input type="checkbox"/> Box <input type="checkbox"/> Triple <input type="checkbox"/> Other <input type="checkbox"/> Other	Diameter: Depth: Top Width: Bottom Width:	in Water <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully	Sediement <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other			

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

3666.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/1/2022

Outfall ID No.: O-MS4-2022-3

Land Uses in Outfall Drainage Area (Select All):

Latitude:

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 06/25/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED		
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP	<input type="checkbox"/> CMP	<input type="checkbox"/> Circular	Diameter:	in Water	Sediment
	<input type="checkbox"/> PVC	<input type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical		<input type="checkbox"/> No	<input checked="" type="checkbox"/>
	<input type="checkbox"/> Steel	<input checked="" type="checkbox"/> Other	<input checked="" type="checkbox"/> Box		<input checked="" type="checkbox"/> Partially	<input type="checkbox"/>
			<input type="checkbox"/> Other		<input type="checkbox"/> Fully	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth:			
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic	Top Width:			
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other	Bottom Width:			
	<input type="checkbox"/> Other					

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

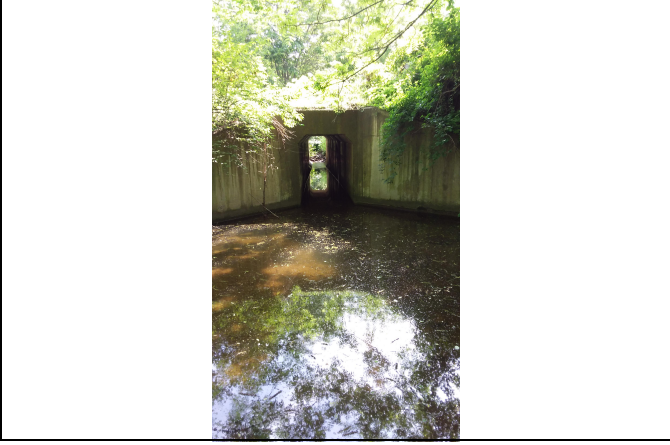
8/19/2022

Date



PHOTOS

16540907069167640660587122700693.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/1/2022

Outfall ID No.: O-MS4-2022-4

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/28/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Inspector Name(s): Anthony Frydlewicz

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
<input type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP	<input type="checkbox"/> CMP	<input type="checkbox"/> Circular	Diameter: _____ in Water <input type="checkbox"/> Sediement <input type="checkbox"/> <input type="checkbox"/> No <input type="checkbox"/> <input type="checkbox"/> Partially <input type="checkbox"/> <input type="checkbox"/> Fully <input type="checkbox"/>
	<input type="checkbox"/> PVC	<input type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical	
	<input type="checkbox"/> Steel	<input type="checkbox"/> Other	<input type="checkbox"/> Box	
<input type="checkbox"/> Open Channel		<input type="checkbox"/> Trapezoid	Depth: _____ Top Width: _____ Bottom Width: _____	
	<input type="checkbox"/> Concrete	<input type="checkbox"/> Other		
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic		
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other		
	<input type="checkbox"/> Other			

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16540909640403959581666802697270.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/1/2022

Outfall ID No.: O-MS4-2022-5

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Dry Weather Inspection?

Date of Previous Precipitation: 05/28/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED			
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel	<input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other	Diameter:	in Water <input type="checkbox"/> No <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Fully	Sediement <input checked="" type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other	Depth: Top Width: 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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16540915328908855587750324075383.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/1/2022

Outfall ID No.: O-MS4-2022-6

Land Uses in Outfall Drainage Area (Select All):

Latitude:

- Industrial
- Commercial
- Open Space
- Urban Residential
- Suburban Residential
- Other

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/28/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED			
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel	<input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other	Diameter:	in Water	Sediement
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other	Depth: Top Width: Bottom Width:	<input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully			<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

hav1.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/1/2022

Outfall ID No.: O-MS4-2022-7

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/28/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Inspector Name(s): Anthony Frydlewicz

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED					
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP	<input type="checkbox"/> CMP	<input type="checkbox"/> Circular	Diameter:	in Water	Sediement			
	<input type="checkbox"/> PVC	<input type="checkbox"/> HDPE	<input checked="" type="checkbox"/> Elliptical				<input type="checkbox"/> Double	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/> Steel	<input type="checkbox"/> Other	<input type="checkbox"/> Box				<input type="checkbox"/> Triple	<input type="checkbox"/> Partially	<input type="checkbox"/>
			<input type="checkbox"/> Other				<input type="checkbox"/> Other	<input type="checkbox"/> Fully	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid		Depth:					
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic					Top Width:		
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other						Bottom Width:	
	<input type="checkbox"/> Other								

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16540935458061500405566392752504.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/1/2022

Outfall ID No.: O-MS4-2022-8

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Dry Weather Inspection?

Date of Previous Precipitation: 05/28/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL		SHAPE		DIMENSIONS	SUBMERGED			
						in Water	Sediement		
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP	<input type="checkbox"/> CMP	<input checked="" type="checkbox"/> Circular	<input type="checkbox"/> Single	Diameter:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	<input type="checkbox"/> PVC	<input checked="" type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical	<input type="checkbox"/> Double		<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/> Steel	<input type="checkbox"/> Other	<input type="checkbox"/> Box	<input type="checkbox"/> Triple		<input type="checkbox"/>	<input type="checkbox"/>		
			<input type="checkbox"/> Other	<input type="checkbox"/> Other		<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete		<input type="checkbox"/> Trapezoid		Depth:				
	<input type="checkbox"/> Earthen		<input type="checkbox"/> Parabolic			Top Width:			
	<input type="checkbox"/> Rip-Rap		<input type="checkbox"/> Other				Bottom Width:		
	<input type="checkbox"/> Other								

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16540941635492453197386254192626.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/1/2022

Outfall ID No.: O-MS4-2022-9

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Dry Weather Inspection?

Date of Previous Precipitation: 05/27/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> CMP	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Single	Diameter:	in Water	Sediement
	<input type="checkbox"/> PVC <input type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical <input type="checkbox"/> Double		<input type="checkbox"/> No	<input type="checkbox"/>
	<input checked="" type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Box <input type="checkbox"/> Triple		<input type="checkbox"/> Partially	<input type="checkbox"/>
		<input type="checkbox"/> Other <input type="checkbox"/> Other		<input checked="" type="checkbox"/> Fully	<input checked="" type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth:		
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic	Top Width:		
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other	Bottom Width:		
	<input type="checkbox"/> Other				

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16540945881342692392725563490486.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/1/2022

Outfall ID No.: O-MS4-2022-10

Land Uses in Outfall Drainage Area (Select All):

Latitude:

- Industrial Urban Residential
 Commercial Suburban Residential
 Open Space Other

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/28/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> CMP	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Single	Diameter:	in Water	Sediement
	<input type="checkbox"/> PVC <input checked="" type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical <input type="checkbox"/> Double		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>
	<input type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Box <input type="checkbox"/> Triple		<input type="checkbox"/> Partially	<input type="checkbox"/>
		<input type="checkbox"/> Other <input type="checkbox"/> Other		<input type="checkbox"/> Fully	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth:		
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic	Top Width:		
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other	Bottom Width:		
	<input type="checkbox"/> Other				

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16540950462246553402410110017382.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/1/2022

Outfall ID No.: O-MS4-2022-11

Land Uses in Outfall Drainage Area (Select All):

Latitude:

- Industrial Urban Residential
 Commercial Suburban Residential
 Open Space Other

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/28/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> CMP	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Single	Diameter:	in Water <input type="checkbox"/> Sediment <input type="checkbox"/>
	<input type="checkbox"/> PVC <input checked="" type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical <input type="checkbox"/> Double		<input type="checkbox"/> No <input type="checkbox"/>
	<input type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Box <input type="checkbox"/> Triple		<input checked="" type="checkbox"/> Partially <input checked="" type="checkbox"/>
		<input type="checkbox"/> Other <input type="checkbox"/> Other		<input type="checkbox"/> Fully <input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth:	
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic	Top Width:	
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other	Bottom Width:	
	<input type="checkbox"/> Other			

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16540954080235577607839582689866.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/1/2022

Outfall ID No.: O-MS4-2022-12

Land Uses in Outfall Drainage Area (Select All):

Latitude:

- Industrial Urban Residential
 Commercial Suburban Residential
 Open Space Other

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/27/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> CMP	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Single	Diameter:	in Water	Sediement
	<input type="checkbox"/> PVC <input checked="" type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical <input type="checkbox"/> Double		<input type="checkbox"/> No	<input type="checkbox"/>
	<input type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Box <input type="checkbox"/> Triple		<input checked="" type="checkbox"/> Partially	<input checked="" type="checkbox"/>
		<input type="checkbox"/> Other <input type="checkbox"/> Other		<input type="checkbox"/> Fully	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth:		
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic	Top Width:		
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other	Bottom Width:		
	<input type="checkbox"/> Other				

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16540956038722126483125176047757.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/1/2022

Outfall ID No.: O-MS4-2022-13

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/27/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Inspector Name(s): Anthony Frydlewicz

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Single	Diameter:	in Water	Sediement
	<input type="checkbox"/> PVC <input type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical <input type="checkbox"/> Double		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>
	<input type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Box <input type="checkbox"/> Triple		<input type="checkbox"/> Partially	<input type="checkbox"/>
		<input type="checkbox"/> Other <input type="checkbox"/> Other		<input type="checkbox"/> Fully	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth:		
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic	Top Width:		
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other	Bottom Width:		
	<input type="checkbox"/> Other				

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16540961751711071261111452445517.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/1/2022

Outfall ID No.: O-MS4-2022-14

Land Uses in Outfall Drainage Area (Select All):

Latitude:

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/28/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Single	Diameter:	in Water	Sediement
	<input type="checkbox"/> PVC <input type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical <input type="checkbox"/> Double		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>
	<input type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Box <input type="checkbox"/> Triple		<input type="checkbox"/> Partially	<input type="checkbox"/>
		<input type="checkbox"/> Other <input type="checkbox"/> Other		<input type="checkbox"/> Fully	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth:		
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic	Top Width:		
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other	Bottom Width:		
	<input type="checkbox"/> Other				

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

1654097171127854245831251580083.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/1/2022

Outfall ID No.: O-MS4-2022-15

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/27/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Inspector Name(s): Anthony Frydlewicz

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED			
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel	<input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other	<input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other	Diameter:	in Water	Sediement
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other	Depth:	Top Width:	Bottom Width:	<input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

1654097785595918906905103807605.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/1/2022

Outfall ID No.: O-MS4-2022-16

Land Uses in Outfall Drainage Area (Select All):

Latitude:

- Industrial Urban Residential
 Commercial Suburban Residential
 Open Space Other

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/27/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Single	Diameter:	in Water	Sediement
	<input type="checkbox"/> PVC <input type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical <input type="checkbox"/> Double		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>
	<input type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Box <input type="checkbox"/> Triple		<input type="checkbox"/> Partially	<input type="checkbox"/>
		<input type="checkbox"/> Other <input type="checkbox"/> Other		<input type="checkbox"/> Fully	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth:		
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic	Top Width:		
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other	Bottom Width:		
	<input type="checkbox"/> Other				

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16540985839487508200867456279582.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/1/2022

Outfall ID No.: O-MS4-2022-17

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Dry Weather Inspection?

Date of Previous Precipitation: 05/27/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED			
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel	<input type="checkbox"/> CMP <input checked="" type="checkbox"/> HDPE <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other	<input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other	Diameter:	in Water	Sediement
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other	Depth:	Top Width:	Bottom Width:	<input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16540990539753404421674057279825.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/1/2022

Outfall ID No.: O-MS4-2022-18

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/27/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Inspector Name(s): Anthony Frydlewicz

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED			
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel	<input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other	<input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other	Diameter:	in Water	Sediement
						<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>
						<input type="checkbox"/> Partially	<input type="checkbox"/>
						<input type="checkbox"/> Fully	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other		Depth:	Top Width:		
					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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16540991843715284478883726656251.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/1/2022

Outfall ID No.: O-MS4-2022-19

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Dry Weather Inspection?

Date of Previous Precipitation: 05/27/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED			
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input checked="" type="checkbox"/> Steel	<input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other	<input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other	Diameter:	in Water	Sediement
	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other		Depth:			
<input type="checkbox"/> Open Channel				Top Width:			
				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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16541034573063802286391393756208.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/8/2022

Outfall ID No.: O-MS4-2022-21

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Dry Weather Inspection?

Date of Previous Precipitation: 05/28/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Single	Diameter:	in Water	Sediement
	<input type="checkbox"/> PVC <input type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical <input type="checkbox"/> Double		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>
	<input type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Box <input type="checkbox"/> Triple		<input type="checkbox"/> Partially	<input type="checkbox"/>
		<input type="checkbox"/> Other <input type="checkbox"/> Other		<input type="checkbox"/> Fully	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth:		
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic	Top Width:		
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other	Bottom Width:		
	<input type="checkbox"/> Other				

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16541049002758685489103805924235.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/8/2022

Outfall ID No.: O-MS4-2022-22

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Dry Weather Inspection?

Date of Previous Precipitation: 05/27/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED			
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel	<input type="checkbox"/> CMP <input checked="" type="checkbox"/> HDPE <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other	<input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other	Diameter:	in Water	Sediement
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other	Depth:	Top Width:	Bottom Width:	<input type="checkbox"/> No <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Fully	<input checked="" type="checkbox"/> <input type="checkbox"/>

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16541053617697221287681724204297.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/8/2022

Outfall ID No.: O-MS4-2022-23

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Dry Weather Inspection?

Date of Previous Precipitation: 05/27/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED			
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel	<input type="checkbox"/> CMP <input checked="" type="checkbox"/> HDPE <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other	<input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other	Diameter:	in Water	Sediement
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other	Depth:	Top Width:	Bottom Width:	<input type="checkbox"/> No <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Fully	<input checked="" type="checkbox"/> <input type="checkbox"/>

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16541055003382894059140734257900.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/8/2022

Outfall ID No.: O-MS4-2022-24

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Dry Weather Inspection?

Date of Previous Precipitation: 05/27/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED			
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel	<input type="checkbox"/> CMP <input checked="" type="checkbox"/> HDPE <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other	<input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other	Diameter:	in Water <input type="checkbox"/> No <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Fully	Sediement <input checked="" type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other	Depth: Top Width: 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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16541056437212351708414113284680.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/8/2022

Outfall ID No.: O-MS4-2022-25

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Dry Weather Inspection?

Date of Previous Precipitation: 05/27/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED			
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel	<input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other	<input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other	Diameter:	in Water	Sediement
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other	Depth: Top Width: Bottom Width:	<input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16541058754226678360435026265098.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/8/2022

Outfall ID No.: O-MS4-2022-26

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Dry Weather Inspection?

Date of Previous Precipitation: 05/27/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> CMP	<input type="checkbox"/> Circular <input type="checkbox"/> Single	Diameter:	in Water <input type="checkbox"/> Sediment
	<input type="checkbox"/> PVC <input type="checkbox"/> HDPE	<input checked="" type="checkbox"/> Elliptical <input type="checkbox"/> Double		<input checked="" type="checkbox"/> No <input type="checkbox"/>
	<input checked="" type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Box <input type="checkbox"/> Triple		<input type="checkbox"/> Partially <input checked="" type="checkbox"/>
		<input type="checkbox"/> Other <input type="checkbox"/> Other		<input type="checkbox"/> Fully <input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth:	
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic	Top Width:	
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other	Bottom Width:	
	<input type="checkbox"/> Other			

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16541063039517306206910582738519.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/8/2022

Outfall ID No.: O-MS4-2022-27

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Dry Weather Inspection?

Date of Previous Precipitation: 05/27/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED					
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP	<input type="checkbox"/> CMP	<input type="checkbox"/> Circular	Diameter:	in Water	Sediement			
	<input type="checkbox"/> PVC	<input type="checkbox"/> HDPE	<input checked="" type="checkbox"/> Elliptical				<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>	
	<input checked="" type="checkbox"/> Steel	<input type="checkbox"/> Other	<input type="checkbox"/> Box				<input type="checkbox"/> Double	<input type="checkbox"/> Partially	<input type="checkbox"/>
			<input type="checkbox"/> Triple				<input type="checkbox"/> Other	<input type="checkbox"/> Fully	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid		Depth:					
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic					Top Width:		
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other						Bottom Width:	
	<input type="checkbox"/> Other								

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16541065110677961696295958527981.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/1/2022

Outfall ID No.: O-MS4-2022-28

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Dry Weather Inspection?

Date of Previous Precipitation: 05/27/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> CMP	<input type="checkbox"/> Circular <input type="checkbox"/> Single	Diameter:	in Water	Sediement
	<input type="checkbox"/> PVC <input type="checkbox"/> HDPE	<input checked="" type="checkbox"/> Elliptical <input type="checkbox"/> Double		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Box <input type="checkbox"/> Triple		<input type="checkbox"/> Partially	<input type="checkbox"/>
		<input type="checkbox"/> Other <input type="checkbox"/> Other		<input type="checkbox"/> Fully	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth:		
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic	Top Width:		
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other	Bottom Width:		
	<input type="checkbox"/> Other				

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16541067734023355219131131010756.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/8/2022

Outfall ID No.: O-MS4-2022-29

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Dry Weather Inspection?

Date of Previous Precipitation: 05/27/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED			
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel	<input type="checkbox"/> CMP <input checked="" type="checkbox"/> HDPE <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other	<input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other	Diameter:	in Water	Sediement
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other	Depth:	Top Width:	Bottom Width:	<input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16541081051708423162621441603368.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/8/2022

Outfall ID No.: O-MS4-2022-30

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Dry Weather Inspection?

Date of Previous Precipitation: 05/27/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Single	Diameter:	in Water	Sediement
	<input type="checkbox"/> PVC <input type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical <input type="checkbox"/> Double		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>
	<input type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Box <input type="checkbox"/> Triple		<input type="checkbox"/> Partially	<input type="checkbox"/>
		<input type="checkbox"/> Other <input type="checkbox"/> Other		<input type="checkbox"/> Fully	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth:		
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic	Top Width:		
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other	Bottom Width:		
	<input type="checkbox"/> Other				

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16541087945834959244859072272331.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/21/2022

Outfall ID No.: O-MS4-2022-31

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 06/15/2022

Amount of Previous Precipitation: 0.5 in

Were Photographs Taken?

Are Photographs Attached?

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Inspector Name(s): Anthony Frydlewicz

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED			
				in Water	Sediement		
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP	<input type="checkbox"/> CMP	<input checked="" type="checkbox"/> Circular	<input type="checkbox"/> Single	Diameter:	<input type="checkbox"/> in Water	<input type="checkbox"/> Sediement
	<input type="checkbox"/> PVC	<input checked="" type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical	<input type="checkbox"/> Double		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>
	<input type="checkbox"/> Steel	<input type="checkbox"/> Other	<input type="checkbox"/> Box	<input type="checkbox"/> Triple		<input type="checkbox"/> Partially	<input type="checkbox"/>
			<input type="checkbox"/> Other	<input type="checkbox"/> Other		<input type="checkbox"/> Fully	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid			Depth:		
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic			Top Width:		
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other			Bottom Width:		
	<input type="checkbox"/> Other						

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16558211055161550878129848566768.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/21/2022

Outfall ID No.: O-MS4-2022-32

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Dry Weather Inspection?

Date of Previous Precipitation: 06/15/2022

Amount of Previous Precipitation: 0.5 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
<input type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP	<input type="checkbox"/> CMP	<input type="checkbox"/> Circular	Diameter: _____ in Water <input type="checkbox"/> Sediement <input type="checkbox"/> <input type="checkbox"/> No <input type="checkbox"/> <input type="checkbox"/> Partially <input type="checkbox"/> <input type="checkbox"/> Fully <input type="checkbox"/>
	<input type="checkbox"/> PVC	<input type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical	
	<input type="checkbox"/> Steel	<input type="checkbox"/> Other	<input type="checkbox"/> Box	
			<input type="checkbox"/> Other	
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth: _____ Top Width: _____ Bottom Width: _____	
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic		
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other		
	<input type="checkbox"/> Other			

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Responsible Official Name

Telephone No.

Signature

8/19/2022

Date

PHOTOS

16558218041668004620637146175191.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/21/2022

Outfall ID No.: O-MS4-2022-33

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Dry Weather Inspection?

Date of Previous Precipitation: 06/15/2022

Amount of Previous Precipitation: 0.5 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED			
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel	<input type="checkbox"/> CMP <input checked="" type="checkbox"/> HDPE <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other	<input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other	Diameter:	in Water	Sediement
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other	Depth:	Top Width:	Bottom Width:	<input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16558223980541802536442543371226.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/21/2022

Outfall ID No.: O-MS4-2022-34

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 06/15/2022

Amount of Previous Precipitation: 0.5 in

Were Photographs Taken?

Are Photographs Attached?

- Industrial Urban Residential
 Commercial Suburban Residential
 Open Space Other

Inspector Name(s): Anthony Frydlewicz

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Single	Diameter:	in Water	Sediement
	<input type="checkbox"/> PVC <input type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical <input type="checkbox"/> Double		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>
	<input type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Box <input type="checkbox"/> Triple		<input type="checkbox"/> Partially	<input type="checkbox"/>
		<input type="checkbox"/> Other <input type="checkbox"/> Other		<input type="checkbox"/> Fully	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth:		
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic	Top Width:		
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other	Bottom Width:		
	<input type="checkbox"/> Other				

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16558228402707426289708374124872.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/21/2022

Outfall ID No.: O-MS4-2022-35

Land Uses in Outfall Drainage Area (Select All):

Latitude:

- Industrial Urban Residential
 Commercial Suburban Residential
 Open Space Other

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 06/15/2022

Amount of Previous Precipitation: 0.5 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Single	Diameter:	in Water	Sediement
	<input type="checkbox"/> PVC <input type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical <input type="checkbox"/> Double		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>
	<input type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Box <input type="checkbox"/> Triple		<input type="checkbox"/> Partially	<input type="checkbox"/>
		<input type="checkbox"/> Other <input type="checkbox"/> Other		<input type="checkbox"/> Fully	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth:		
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic	Top Width:		
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other	Bottom Width:		
	<input type="checkbox"/> Other				

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16558231138493491534814527614757.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/21/2022

Outfall ID No.: O-MS4-2022-36

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Dry Weather Inspection?

Date of Previous Precipitation: 06/15/2022

Amount of Previous Precipitation: 0.5 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED			
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel	<input type="checkbox"/> CMP <input checked="" type="checkbox"/> HDPE <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other	<input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other	Diameter:	in Water <input type="checkbox"/> No <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Fully	Sediement <input checked="" type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other		Depth: Top Width: 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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16558235221135898845173657548773.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/21/2022

Outfall ID No.: O-MS4-2022-37

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 06/15/2022

Amount of Previous Precipitation: 0.5 in

Were Photographs Taken?

Are Photographs Attached?

- Industrial Urban Residential
 Commercial Suburban Residential
 Open Space Other

Inspector Name(s): Anthony Frydlewicz

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Single	Diameter:	in Water	Sediement
	<input type="checkbox"/> PVC <input type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical <input type="checkbox"/> Double		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>
	<input type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Box <input type="checkbox"/> Triple		<input type="checkbox"/> Partially	<input type="checkbox"/>
		<input type="checkbox"/> Other <input type="checkbox"/> Other		<input type="checkbox"/> Fully	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth:		
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic	Top Width:		
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other	Bottom Width:		
	<input type="checkbox"/> Other				

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

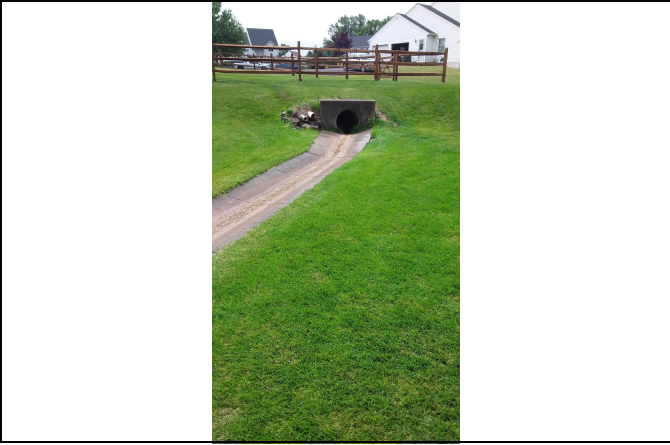
8/19/2022

Date



PHOTOS

16558243061096374682303230352403.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/28/2022

Outfall ID No.: O-MS4-2022-38

Land Uses in Outfall Drainage Area (Select All):

Latitude:

- Industrial Urban Residential
 Commercial Suburban Residential
 Open Space Other

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 06/15/2022

Amount of Previous Precipitation: 0.5 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
<input type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> CMP	<input type="checkbox"/> Circular <input type="checkbox"/> Single	Diameter:	in Water <input type="checkbox"/> Sediement <input type="checkbox"/>
	<input type="checkbox"/> PVC <input type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical <input type="checkbox"/> Double		<input type="checkbox"/> No <input type="checkbox"/>
	<input type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Box <input type="checkbox"/> Triple		<input type="checkbox"/> Partially <input type="checkbox"/>
		<input type="checkbox"/> Other <input type="checkbox"/> Other		<input type="checkbox"/> Fully <input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth:	
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic	Top Width:	
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other	Bottom Width:	
	<input type="checkbox"/> Other			

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Responsible Official Name

Telephone No.

Signature

8/19/2022

Date

PHOTOS

16558244638688771442393581258474.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/21/2022

Outfall ID No.: O-MS4-2022-39

Land Uses in Outfall Drainage Area (Select All):

Latitude:

- Industrial Urban Residential
 Commercial Suburban Residential
 Open Space Other

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 06/15/2022

Amount of Previous Precipitation: 0.5 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Single	Diameter:	in Water	Sediement
	<input type="checkbox"/> PVC <input type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical <input type="checkbox"/> Double		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>
	<input type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Box <input type="checkbox"/> Triple		<input type="checkbox"/> Partially	<input type="checkbox"/>
		<input type="checkbox"/> Other <input type="checkbox"/> Other		<input type="checkbox"/> Fully	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth:		
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic	Top Width:		
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other	Bottom Width:		
	<input type="checkbox"/> Other				

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16558258742009142192540103943904.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/21/2022

Outfall ID No.: O-MS4-2022-40

Land Uses in Outfall Drainage Area (Select All):

Latitude:

- Industrial Urban Residential
 Commercial Suburban Residential
 Open Space Other

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 06/15/2022

Amount of Previous Precipitation: 0.5 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Single	Diameter:	in Water	Sediement
	<input type="checkbox"/> PVC <input type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical <input type="checkbox"/> Double		<input checked="" type="checkbox"/> No	<input type="checkbox"/>
	<input type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Box <input type="checkbox"/> Triple		<input type="checkbox"/> Partially	<input checked="" type="checkbox"/>
		<input type="checkbox"/> Other <input type="checkbox"/> Other		<input type="checkbox"/> Fully	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth:		
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic	Top Width:		
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other	Bottom Width:		
	<input type="checkbox"/> Other				

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16558262160756798320618377761922.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/21/2022

Outfall ID No.: O-MS4-2022-41

Land Uses in Outfall Drainage Area (Select All):

Latitude:

- Industrial
- Commercial
- Open Space
- Urban Residential
- Suburban Residential
- Other

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 06/15/2022

Amount of Previous Precipitation: 0.5 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED			
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel	<input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other	<input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other	Diameter:	in Water	Sediement
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other	Depth:	Top Width:	Bottom Width:	<input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16558266422658114116042738111470.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/21/2022

Outfall ID No.: O-MS4-2022-42

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 06/15/2022

Amount of Previous Precipitation: 0.5 in

Were Photographs Taken?

Are Photographs Attached?

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Inspector Name(s): Anthony Frydlewicz

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Single	Diameter:	in Water	Sediement
	<input type="checkbox"/> PVC <input type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical <input type="checkbox"/> Double		<input checked="" type="checkbox"/> No	<input type="checkbox"/>
	<input type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Box <input type="checkbox"/> Triple		<input type="checkbox"/> Partially	<input checked="" type="checkbox"/>
		<input type="checkbox"/> Other <input type="checkbox"/> Other		<input type="checkbox"/> Fully	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth:		
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic	Top Width:		
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other	Bottom Width:		
	<input type="checkbox"/> Other				

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16558304153875764211115876637731.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/21/2022

Outfall ID No.: O-MS4-2022-43

Land Uses in Outfall Drainage Area (Select All):

Latitude:

- Industrial Urban Residential
 Commercial Suburban Residential
 Open Space Other

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 06/15/2022

Amount of Previous Precipitation: 0.5 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Single	Diameter:	in Water	Sediement
	<input type="checkbox"/> PVC <input type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical <input type="checkbox"/> Double		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>
	<input type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Box <input type="checkbox"/> Triple		<input type="checkbox"/> Partially	<input type="checkbox"/>
		<input type="checkbox"/> Other <input type="checkbox"/> Other		<input type="checkbox"/> Fully	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth:		
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic	Top Width:		
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other	Bottom Width:		
	<input type="checkbox"/> Other				

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16558309499862312150572804179355.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/21/2022

Outfall ID No.: O-MS4-2022-44

Land Uses in Outfall Drainage Area (Select All):

Latitude:

- Industrial Urban Residential
 Commercial Suburban Residential
 Open Space Other

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 06/15/2022

Amount of Previous Precipitation: 0.5 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> CMP	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Single	Diameter:	in Water	Sediment
	<input type="checkbox"/> PVC <input type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical <input type="checkbox"/> Double		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Box <input type="checkbox"/> Triple		<input type="checkbox"/> Partially	<input type="checkbox"/>
		<input type="checkbox"/> Other <input type="checkbox"/> Other		<input type="checkbox"/> Fully	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth:		
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic	Top Width:		
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other	Bottom Width:		
	<input type="checkbox"/> Other				

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

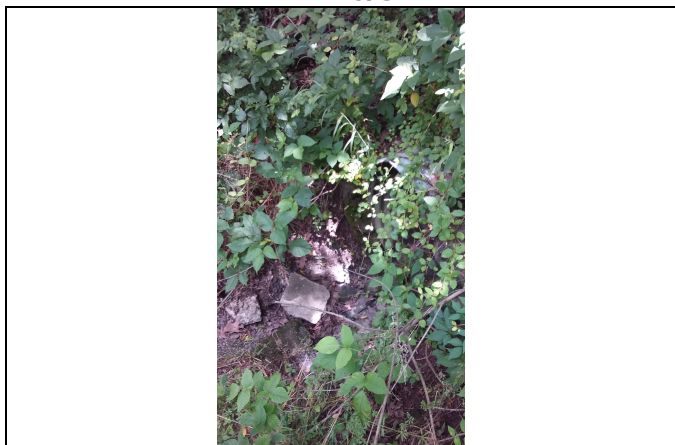
8/19/2022

Date



PHOTOS

1037.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/21/2022

Outfall ID No.: O-MS4-2022-45

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Dry Weather Inspection?

Date of Previous Precipitation: 06/15/2022

Amount of Previous Precipitation: 0.5 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL		SHAPE		DIMENSIONS	SUBMERGED	
						in Water	Sediement
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP	<input type="checkbox"/> CMP	<input checked="" type="checkbox"/> Circular	<input type="checkbox"/> Single	Diameter: Depth: Top Width: Bottom Width:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input type="checkbox"/> PVC	<input type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical	<input type="checkbox"/> Double		<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> Steel	<input type="checkbox"/> Other	<input type="checkbox"/> Box	<input type="checkbox"/> Triple		<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Other	<input type="checkbox"/> Other		<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete		<input type="checkbox"/> Trapezoid				
	<input type="checkbox"/> Earthen		<input type="checkbox"/> Parabolic				
	<input type="checkbox"/> Rip-Rap		<input type="checkbox"/> Other				
	<input type="checkbox"/>						
	<input type="checkbox"/>						

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

16558321126158923157119847128614.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/1/2022

Outfall ID No.: O-MS4-2022-46

Land Uses in Outfall Drainage Area (Select All):

Latitude:

- Industrial Urban Residential
 Commercial Suburban Residential
 Open Space Other

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/28/2022

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
<input type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> CMP	<input type="checkbox"/> Circular <input type="checkbox"/> Single	Diameter:	in Water <input type="checkbox"/> Sediment <input type="checkbox"/>
	<input type="checkbox"/> PVC <input type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical <input type="checkbox"/> Double		<input type="checkbox"/> No <input type="checkbox"/>
	<input type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Box <input type="checkbox"/> Triple		<input type="checkbox"/> Partially <input type="checkbox"/>
		<input type="checkbox"/> Other <input type="checkbox"/> Other		<input type="checkbox"/> Fully <input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth:	
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic	Top Width:	
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other	Bottom Width:	
	<input type="checkbox"/> Other			

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Responsible Official Name

Telephone No.

Signature

8/19/2022

Date

PHOTOS



MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/21/2022

Outfall ID No.: O-MS4-2022-47

Land Uses in Outfall Drainage Area (Select All):

Latitude:

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 06/15/2022

Amount of Previous Precipitation: 0.5 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Single	Diameter:	in Water	Sediement
	<input type="checkbox"/> PVC <input type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical <input type="checkbox"/> Double		<input type="checkbox"/> No	<input checked="" type="checkbox"/>
	<input type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Box <input type="checkbox"/> Triple		<input checked="" type="checkbox"/> Partially	<input type="checkbox"/>
		<input type="checkbox"/> Other <input type="checkbox"/> Other		<input type="checkbox"/> Fully	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth:		
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic	Top Width:		
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other	Bottom Width:		
	<input type="checkbox"/> Other				

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

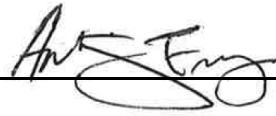
215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS



MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/21/2022

Outfall ID No.: O-MS4-2022-48

Land Uses in Outfall Drainage Area (Select All):

Latitude:

- Industrial Urban Residential
 Commercial Suburban Residential
 Open Space Other

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 06/15/2022

Amount of Previous Precipitation: 0.5 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED			
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP	<input type="checkbox"/> CMP	<input checked="" type="checkbox"/> Circular	Diameter:	in Water	Sediement	
	<input type="checkbox"/> PVC	<input checked="" type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical		<input type="checkbox"/> Single	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>
	<input type="checkbox"/> Steel	<input type="checkbox"/> Other	<input type="checkbox"/> Box		<input type="checkbox"/> Double	<input type="checkbox"/> Partially	<input type="checkbox"/>
			<input type="checkbox"/> Other		<input type="checkbox"/> Triple	<input type="checkbox"/> Fully	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid		Depth:			
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic		Top Width:			
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other		Bottom Width:			
	<input type="checkbox"/> Other						

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

3600.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/21/2022

Outfall ID No.: O-MS4-2022-49

Land Uses in Outfall Drainage Area (Select All):

Latitude:

Longitude:

- Industrial
- Urban Residential
- Commercial
- Suburban Residential
- Open Space
- Other

Dry Weather Inspection?

Date of Previous Precipitation: 06/15/2022

Amount of Previous Precipitation: 0.5 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED			
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> PVC <input type="checkbox"/> Steel	<input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other	<input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other	Diameter:	in Water <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully	Sediement <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other		Depth: Top Width: 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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

3770.jpg





MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

NPDES Permit No.: PA G-130147

Date of Inspection: 6/21/2022

Outfall ID No.: O-MS4-2022-50

Land Uses in Outfall Drainage Area (Select All):

Latitude:

- Industrial Urban Residential
 Commercial Suburban Residential
 Open Space Other

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 06/15/2022

Amount of Previous Precipitation: 0.5 in

Were Photographs Taken?

Inspector Name(s): Anthony Frydlewicz

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED	
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Single	Diameter:	in Water	Sediement
	<input type="checkbox"/> PVC <input type="checkbox"/> HDPE	<input type="checkbox"/> Elliptical <input type="checkbox"/> Double		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>
	<input type="checkbox"/> Steel <input type="checkbox"/> Other	<input type="checkbox"/> Box <input type="checkbox"/> Triple		<input type="checkbox"/> Partially	<input type="checkbox"/>
		<input type="checkbox"/> Other <input type="checkbox"/> Other		<input type="checkbox"/> Fully	<input type="checkbox"/>
<input type="checkbox"/> Open Channel	<input type="checkbox"/> Concrete	<input type="checkbox"/> Trapezoid	Depth:		
	<input type="checkbox"/> Earthen	<input type="checkbox"/> Parabolic	Top Width:		
	<input type="checkbox"/> Rip-Rap	<input type="checkbox"/> Other	Bottom Width:		
	<input type="checkbox"/> Other				

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: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	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:

GENERAL 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).

Anthony Frydlewicz

Responsible Official Name

215-723-1153

Telephone No.

Signature

8/19/2022

Date



PHOTOS

3810.jpg

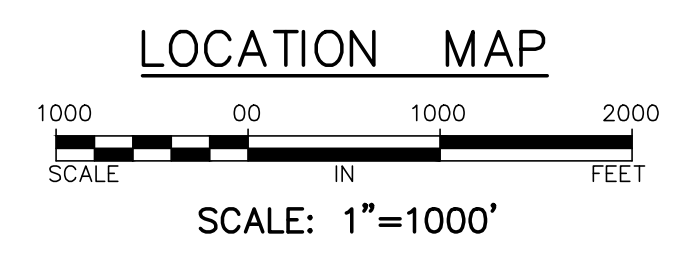
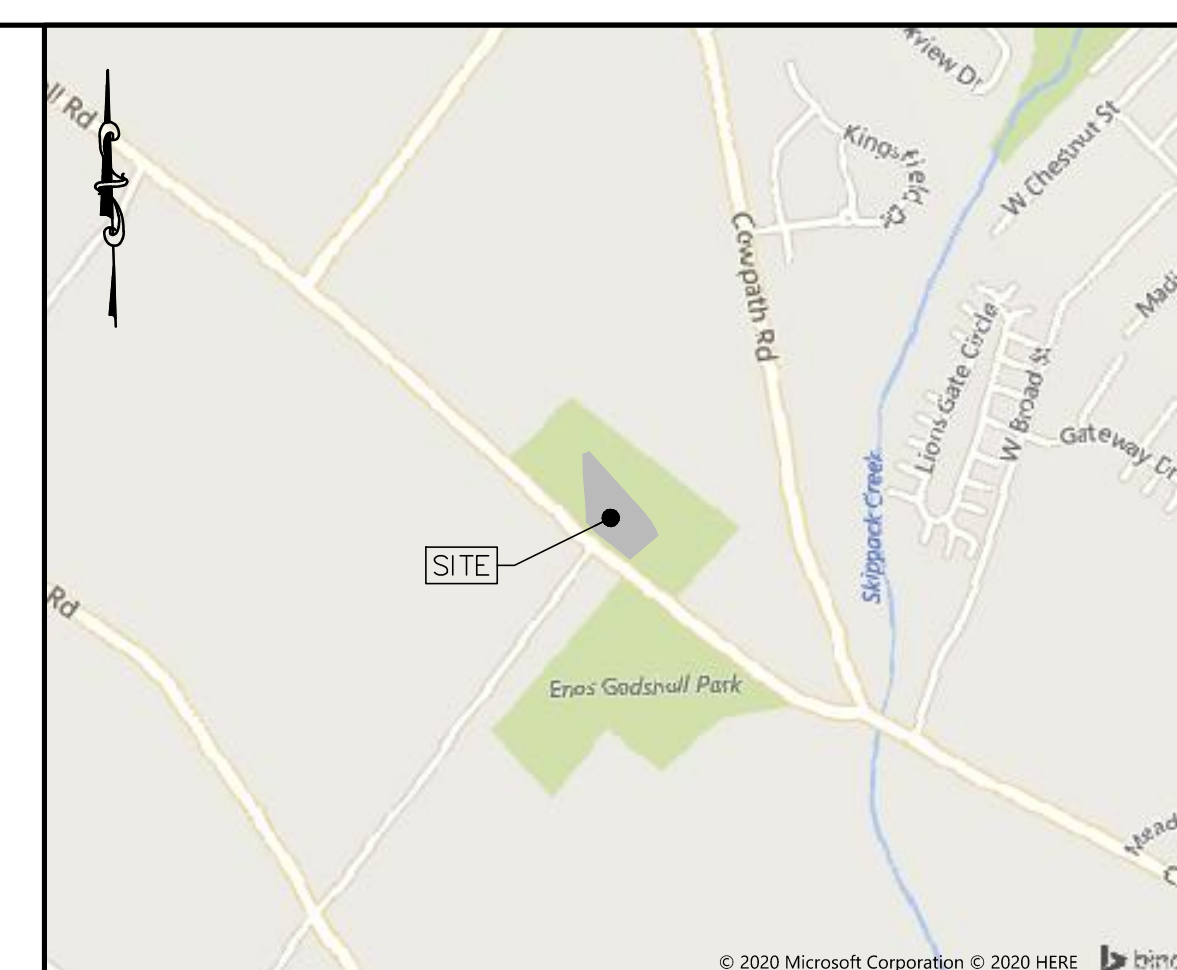
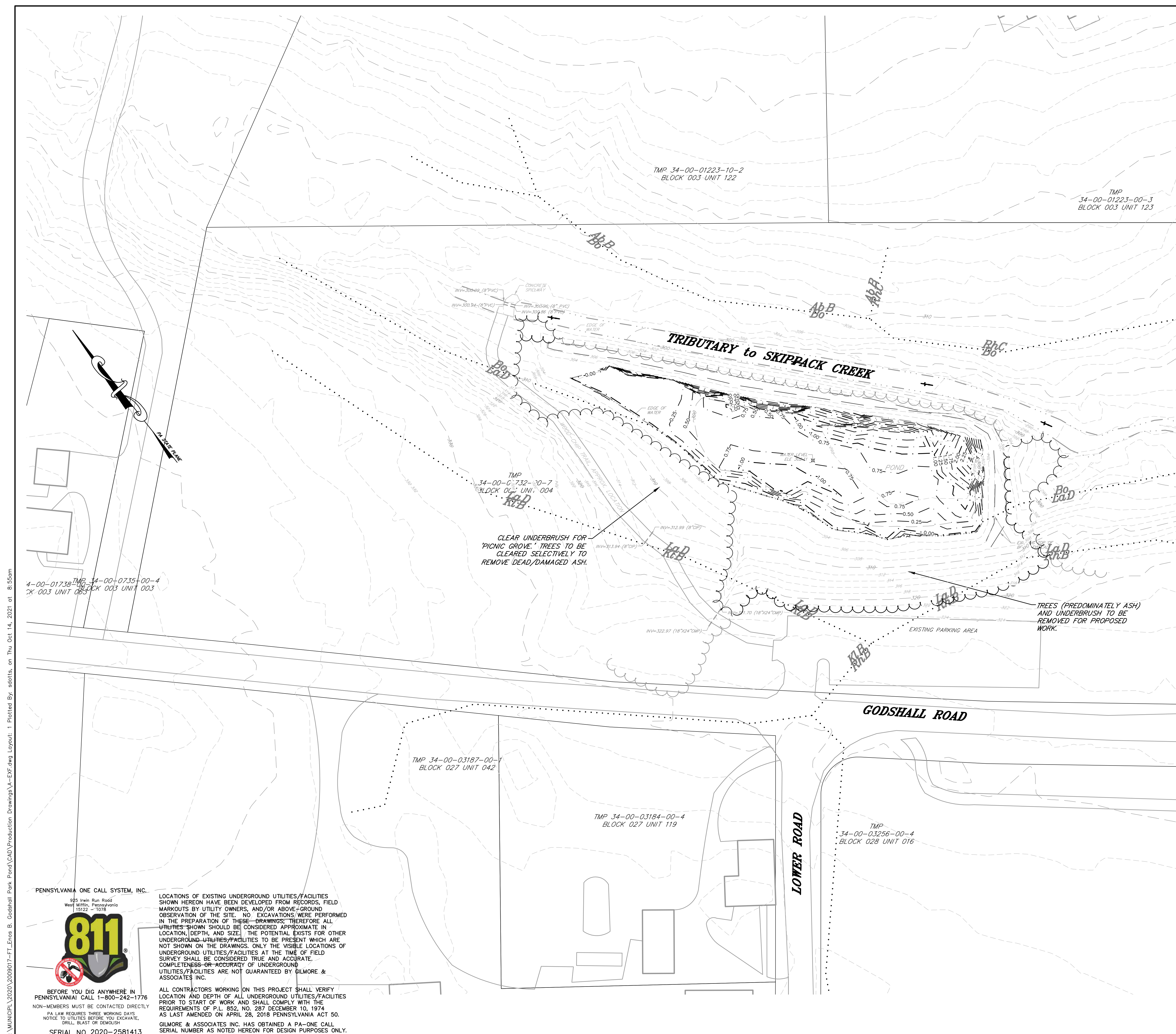


G&A Job #	BMP No.	BMP Name	Property Description	DA(ac)	Entity Responsible for O&M	Address	Status	Date Installed	Did Twp Identify any violations of O&M Agreement?	NPDES Permit No.	Drain to Twp MS4?	Receiving Waters
N/A	70	Rain Garden	Franconia Community Park	7.13	Township	671 Allentown Road	Functioning	2014	No	?	Yes	Indirect, Indian Creek
N/A	71	Riparian Buffer Restoration	Franconia Open Space	14.06	Township	Indian Creek Road	Functioning	2009	No	N/A	Yes	Indian Creek
N/A	72	Existing Detention Basin w/ Low Flow Channels	Lederach Station, L.P.	?	Private	230 Harvard Ct	Functioning	?	No	?	No	Indian Creek
N/A	73	Pond, Aboveground Detention Basins (3)	Banbury Crossing	Various	Township	Creek Road, Middle Park Rd	Functioning	1995	No	Yes	Yes	Skippack Creek
N/A	1	Open Swale	Indian Valley Country Club	7.69	Private	650 Bergey Road	Functioning	2018	No	?	No	Indian Creek
N/A	2	Pond	Rittenhouse Farm Dredging	?	Private	731 I Allentown Road Indian Creek and Godshall Road	Functioning	2019	No	?	No	Indian Creek
N/A	3	Amended Soils	Amended Soils /NPWA Tank	N/A	NPWA	210 Hillstone Circle	Functioning	2014	No	?	No	Direct, Skippack Creek
1510005	4	Rain Garden, Basin with Forebay, U/G Seepage Pits, Bioswales	Vistas at Highland Ridge	18	Private HOA	680 Hunsicker Road	Functioning	2014	No	PAG 02004503163 R-1	Yes?	Indirect, Indian Creek
1510088	5	Detention Basin	Franconia Meadows	3.82	Private	758 Goldenrod Drive	TBD	2015	No	PAG 02004613051	No	Direct, Skippack Creek
1609049	6	Detention/Infiltration Basin with Level Spreader	Hopewell Christian Fellowship Church	8	Private	601 Hunsicker Road	TBD	2002	No	?	No	Indirect, Indian Creek
1511006	7	BMP's (A) through (K)	Leidy's Church Expansion	4.6 (A); 3.15 (B) 2.8 (C)	Private	276 West Cherry Lane	Functioning	2015	No	PAG0200469030R	No	Direct, Skippack Creek
1610010	8	Detention Basin	Godshall Quality Meats New Facility	3.7	Private	6107 Schoolhouse Rd	Functioning	2015	No	PAG02004613096	No	Direct, Skippack Creek
1509064	9	Rain Garden	840 Harleysville Pike	1.44	Private	840 Harleysville Road	Functioning	2015	No	PAG02004614061	No	Indian Creek
1510009	10	Stone Infiltration Bed	Shoemaker Welding	0.77	Private	302 Leidy Road	Functioning	2016	No	N/A	No	Indirect, Skippack Creek
1509073	11	Rain Garden	Paragon	0.56	Private	300 Harleysville Pk	Functioning	2016	No	N/A	No	Indirect, Indian Creek, via Storm Sewer
1509065	12	Infiltration Basin 1, Wetland Bottom Basin 5	Lincoln Woods - Phase 1	11.78 (1) 15.29 (5)	Private, HOA	250, 282 Sumner Ct.	Functioning	2016	No	PAG02004615052(1)	No	Direct, Skippack Creek
1509065	13	Wetland Bottom Basin 2 & 4, Wetland Bottom Forebay, Infiltration Facility 1, 2, 3A, & 3B, Forebay, Infiltration Trench, Rain Garden 3 & 4	Lincoln Woods - Phase 2	11.17 (WBB2); 2.66 (IF1) 3.79 (IF2) 1.52 (Trench) 1.14 (RG4) 8.08 (WBF) 7.66 (3A/3B) 4.88 (Basin4) 1.11 (RG3) 5.54 (WBB4)	Private, HOA	Sumner Ct.	Sediment Basins	2016	No	PAG02004615052(1)	Partially	Direct, Skippack Creek
1509098	14	Detention Basin	NCC Automated Systems	7.5	Private	255 Schoolhouse Rd	Functioning	2016	No	?	No	Direct, Skippack Creek
	15	Detention Basin, Seepage Trench	Godshall Quality Meats Dry Goods Warehouse	1.48 (Pit)	Private	675 Mill Road	Functioning	2016	No	?	No	Direct, Indian Creek
1510016	16	Rain Garden (7)	Pennsylvania Turnpike Commission	20.06	Private	PTC ROW	Under Construction	2016-2017	No	?	Partially	Various
1601089	17	Various	PennDOT	Various	Private	309 Connector	Under Construction	TBD	No	?	Partially	Skippack Creek
1510050	18	Detention Basin and Rain Garden	RV and Boat Storage	8	Private	630 Hagey Rd	Functioning	2017	No	Yes	No	Skippack Creek

G&A Job #	BMP No.	BMP Name	Property Description	DA(ac)	Entity Responsible for O&M	Address	Status	Date Installed	Did Twp Identify any violations of O&M Agreement?	NPDES Permit No.	Drain to Twp MS4?	Receiving Waters
1612054	19	Aboveground Det. Basin, Retention Ponds (2)	Peter Becker Community	Various	Private	800 Maple Ave/Schoolhouse Road	Functioning	2004	No	?	Yes	Skippack Creek
161205401	20	Aboveground Basin, Rain Garden	PBC-140 Crescent Lane	0.86	Private	140 Crescent Lane	Functioning	2021	No	N/A	Indirect	Skippack Creek
161205402	21	Aboveground and Subsurface Facilities	PBC-Pocket Neighborhood	2.14 (BMP 1) 1.61 (BMP 8) (BMP2) (UG3) (UG4) (UG5) (UG6) (UG7)	Private	301 Water Lily Dr/ Kulp Road	Under Construction	2021-2022	N/A	PAC460138	Partially	Skippack Creek
1511061	22	Infiltration Basin, Rain Garden (2), Detention Basin, Slow Release Basin	Hillstone	25	Private, HOA	276, 230, 256 Hillstone Cir	Under Construction	2020	No	PAD460026	No	Skippack Creek
1707075	23	Aboveground Basin	Belton Manor	TBD	Private	320 Cowpath Road	Under Construction	TBD	N/A	PAC460225	No	Skippack Creek
1602046	24	Aboveground Basin	SWS	TBD	Private	2937 Hagey Road	Approved	TBD	N/A	PAG02004616053	No	Skippack Creek
1904083	25	Detention Basin	JT Landis	4	Private	905 Hagey Dr	Functioning	2010	No	?	No	Skippack Creek
1810064	26	Aboveground MRC (2)	Bayard Esates	12	Private, HOA	224 Indian Creek Rd	Under Construction	2021	No	PAC460412	Yes	Indian Creek
1805003	27	Rain Garden	Breon	0.43	Private	823 Rising Sun Road	Functioning	2018	No	N/A	No	Indian Creek
1808095	28	Basin, Two BMPs	B&H Investments	5	Private	220 Allentown Rd	Functioning	2019	No	PAC460301	No	East Branch Perkiomen Creek
1801159	29	Slow Release Facility	Accupac	13.2	Private	209 Schoolhouse Road	Functioning	2019	No	PAC460283	No	Skippack Creek
1802004	30	Subsurface Facility	Souderton Mennonite Homes	TBD	Private	242 Reliance Rd	Functioning	2019	No	N/A	Yes	Skippack Creek
2001194	31	Detention Basin, MRC (2)	Souderton Mennonite Homes	18.45 (Watershed A)	Private	207 W. Summit St.	Under Review	TBD	No	?	Yes	Skippack Creek
1908022	32	Subsurface Infiltration and Detention Facilities	MEH Investments/ CHOP Primary Care	2	Private	4 S. County Line Road	Functioning	2021	No	PAC460484	No	Neshaiminy Creek
1812009	33	Rain Garden	Quentin Dancer	1	Private	643 Lower Road	Functioning	2019	No	No	No	Skippack Creek
1612053	34	MRC Infiltration Bioretention Basin	Allebach Subdivision	5.3	Private, HOA	Cowpath & Forrest Drive	Under Review	TBD	No	PA460489	Yes	East Branch Perkiomen Creek
1803016	35	Underground Facility	Everview Subdivision, Halteman Rd		Private	658.5 Halteman Rd	Functioning	2009	No	No	No	Indirect, Skippack Creek
1710080	36	Subsurface Stone Bed	444 Creamery Rd	0.61	Private	444 Creamery Rd	Functioning	2019	No	N/A	Yes	Indian Creek
1707053	37	Rain Garden	436 Smokepipe Rd	0.5	Private	436 Smokepipe Rd	Functioning	2018	No	N/A	Yes	Skippack Creek
N/A	38	Detention Basin	Belmont Estates	26.5	Private	619 Fairway Drive	Functioning	2005	No	Yes	No	Indian Creek
1610017	39	Infiltration Berm	Yothers	0.91	Private	451 Homestead Ave	Functioning	2017	No	N/A	No	Skippack Creek
1510088	40	Detention Basin	Goldenrod Dr	3.82	Private	Goldenrod Drive	Functioning	c2006	No	Yes	No	Skippack Creek
N/A	41	Detention Basin	Knights Crest	?	Private	Knights Crest	Functioning	2005	No	Yes	Yes	Skippack Creek
N/A	42	Wetlands Basin 1, Dry Extended Basin 2, Dry Detention Basin 3	Westport Farms	20.87/ 5.64/ 18.68	Private	Clearview and Auburn CT	Functioning	2007	No	Yes	Yes	Skippack Creek
N/A	43	Basin	Sprea Realty LLC	?	Private	674 Souder Rd	Functioning	2010	No	?	Yes	Skippack Creek
N/A	44	Aboveground Basin and Rain Garden	?	?	Private	Church Rd	Functioning	2010	No	?	No	Indian Creek
1603021	45	Rain Garden with Amended Soils	Martin Subdivision	1.3	Private	37 Church Rd	Functioning	2010	No	N/A	?	Indian Creek
160310601	46	Aboveground Facility	Wiedner		Private	138 Church Road	Functioning	2016				
N/A	47	Detention Basin	Indian Creek Church	13.93	Private	171 Church Road	Functioning	2016				

G&A Job #	BMP No.	BMP Name	Property Description	DA(ac)	Entity Responsible for O&M	Address	Status	Date Installed	Did Twp Identify any violations of O&M Agreement?	NPDES Permit No.	Drain to Twp MS4?	Receiving Waters
N/A	48	Detention Basin	Club View at Indian Valley	2	Private	597 Godshall Road	Functioning	2010	No	?	No	Indian Creek
N/A	49	Basin	Carrington Way		Private	352? Winslow Dr	Functioning	2007	No			Skippack Creek
N/A	50	Underground Facility	Transportation Services		Private	210 Schoolhouse Road	Functioning		No	?		
1906056	51	Subsurface Infiltration Facility	Bergeys Inc. Parking Lot Expansion	0.85	Private	490 Godshall Road	Functioning	2020	No	N/A		Indirect, Skippack Creek
1510007	52	MRC Bioretention (3)	GMC Buick Corporate Campus	21.33	Private	S.R. 113	Under Review	2022	N/A	Under Review		Indirect, Indian Creek
1903089	53	Underground Stormwater Bed?	Clarke's Landscaping	0.71	Private	300 E. Township Line Road	Approved	TBD	No	N/A		Skippack Creek
1807022	54	Rain Gardens (2)	The Pizza Box	0.23	Private	398 Morwood Rd	Functioning	2020	No	N/A		Indian Creek
	55	Aboveground Basin	Dewar Drive (Allebach)	?	Private	525 Dewar Drive	Functioning	2004	No	?		East Branch Perkiomen
1812009	56	Aboveground Facility	643 Lower Road		Private	643 Lower Road	Functioning	2019	No	N/A	No	Skippack Creek
2007052	57	Aboveground Basin	JBS	4.52	Private	249 Allentown Rd	Functioning		No	PAC460584	No	Skippack Creek
2009109	58	TBD	Carl Morgan		Private	Nice Road LD	Sketch	TBD	N/A	TBD		Skippack Creek
2009085	59	Wet Bottom Basin	Reformed Baptist Church	5.5	Private	644 Allentown Road	Approved	TBD	N/A	Yes	Yes	Indian Creek
2010021	60	TBD	Hayes Autobody		Private	115 Schoolhouse Road	Under Review	TBD	No	-	No	Skippack Creek
2010093	61	Detention Basin	Franconia Mennonite Church	15	Private	613 Harleysville Pike	Functioning	c2000	No	?	Yes	Indirect, Indian Creek
2011007	62	Detention Basin (LST)	Amplifier Research		Private	160 Schoolhouse Rd (Basin in LST)	Functioning	c1999	No	-	No	Indirect, Skippack Creek
2103050	63	Rain Garden	David and Linda Rieger	0.9	Private	516 Darrah's Way	Approved	TBD	No	N/A	No	East Branch Perkiomen Creek
-	64	Detention Basin	Coach Estates	8.6	Private	508 Darrahs Way	Functioning	c1995	No	?	No	East Branch Perkiomen Creek
2103010	65	Rain Garden	Garcia (Rotelle)	0.5	Private	586 Halteman Road	Under Construction	2021	No	N/A	No	Indirect, Skippack Creek
2102093	66	Rain Garden	Alderfer Glass	0.26	Private	134 Telford Pk	Under Construction	TBD	N/A	N/A	Yes	Indirect, Indian Creek
2108015	67	Underground Facility	Trust Logistics, LLC		Private	670 Forman Road	Inactive	TBD	N/A	TBD	TBD	Direct, Skippack Creek
1906054	68	Aboveground Facilities	Myers-Kraybill Tract	50	Private	445 Beck Road	Under Review	TBD	N/A	TBD	Yes	Skippack Creek
2009017	69	Bioretention Facility	Godshall Road	10.8	Township	Enos Godshall Park	Under Construction	2021	No	TBD	Yes	Direct, Skippack Creek
2103063	74	Sketch, TBD	AARPAP Dental Campus	TBD	Private	County Line Road	Sketch, TBD	TBD	N/A	TBD	TBD	Neshaiminy Creek
2106049	75	Sketch, TBD	SASD Air Structure	TBD	Private	Lower Road	Sketch	TBD	N/A	TBD	TBD	Skippack Creek
2106054	76	Lot 1 Aboveground Basin	Windy Heights	TBD	Private	Windy Heights Ln, Keller Creamery Rd	Approved 2005	TBD	N/A	Yes	No	Indian Creek
2110039	78	BMP 1 - UG MRC Bed	SFD	0.5	Scott & Kathleen Ziegler	861 Sunset Lane	Approved	TBD	N/A	No	No	East Branch Perkiomen Creek
2202042	79	MRC Basin	Souderton Public Works	5.7	Souderton Borough	160 E. Cherry Ln	Under Review	TBD	N/A	Yes	Yes	Skippack Creek
2204013	80	Rain Garden	SFD	1.3	Daniel & Dori Larrivee	840 Rising Sun	Approved	TBD	N/A	No	No	East Branch Perkiomen Creek
2205074	81	Swale	SFD	X	David & Suzanne Redington	264 Telford Rd	Approved	TBD	N/A	No	TBD	Indian Creek
2205081	82	TBD	Storage Shed	TBD	Private - Synatek Solutions	220 Schoolhouse Rd	Sketch	TBD	N/A	TBD	No	Skippack Creek
2207006	83	Infiltration Trench	SFD	0.04	Jeffrey & Holly Carroll	629 Crestwood Dr	Approved	TBD	N/A	No	TBD	Indian Creek
2207018	84	TBD	Endurance	TBD	Private	205 Schoolhouse Rd	Sketch	TBD	N/A	Yes	TBD	
2207021	85	TBD	Pole Barn	TBD	Franconia Township	Indian Creek Road	Sketch	TBD	N/A	TBD	TBD	
2208050	86	Aboveground Basin	SFD	2	Jeffrey M. & Heather Moore	869 Sunset Lane	Under Review	TBD	N/A	Yes	TBD	East Branch Perkiomen

G&A Job #	BMP No.	BMP Name	Property Description	DA(ac)	Entity Responsible for O&M	Address	Status	Date Installed	Did Twp Identify any violations of O&M Agreement?	NPDES Permit No.	Drain to Twp MS4?	Receiving Waters
2208023	87	TBD	Landis	TBD	TBD	Hagey Road	TBD	TBD	N/A	TBD	TBD	
2209032	88	Streambank Stabilization	SFD	0.04	Private - Carolyn Martin	358 W. Reliance Rd	Under Review	TBD	N/A	No	TBD	Skippack Creek
2209051	89	Infiltration Basin	SFD	0.75	Kevin & Lauren Ketterer	673 Clemens Road	Under Review	TBD	N/A	No	Yes	Indian Creek



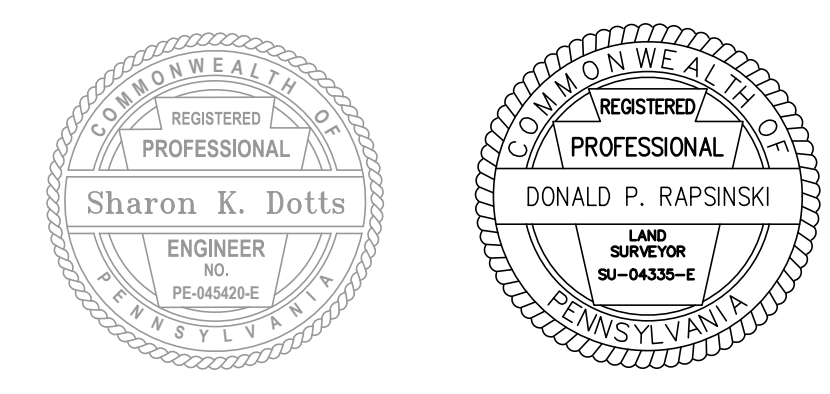
GENERAL NOTES

- THE EXISTING FEATURES AND TOPOGRAPHY, AS SHOWN, ARE BASED ON A FIELD SURVEY PERFORMED BY GILMORE & ASSOCIATES, INC. IN NOVEMBER OF 2020. THIS PLAN DOES NOT REPRESENT A BOUNDARY SURVEY AND IT WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT.
 - TOPOGRAPHY SHOWN INCLUDES HARD BOTTOM OF POND.
 - TOPOGRAPHY & EXISTING FEATURES HAVE BEEN SUPPLEMENTED WITH GIS DATA AND LIDAR TOPOGRAPHY FOR SURROUNDING AREA.
- PARCEL LINES WERE OBTAINED FROM COUNTY GIS MAPPING FOR THE TOWNSHIP OF FRANCONIA, COUNTY OF MONTGOMERY, COMMONWEALTH OF PENNSYLVANIA. PARCEL LINES ARE APPROXIMATE AND ARE NOT ADJUSTED TO PHYSICAL EVIDENCE FOUND.
- SUBJECT TO COVENANTS, RESTRICTIONS AND/OR EASEMENTS EITHER WRITTEN OR IMPLIED.
- VERTICAL DATUM IS NAVD88 AND WAS ESTABLISHED BY GLOBAL POSITIONING SYSTEM (GPS) WITH OBSERVATIONS REFERENCED TO THE KEYNET-GPS VIRTUAL REFERENCE STATION SYSTEM.
- HORIZONTAL DATUM IS BASED ON THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM (NAD 83) ESTABLISHED BY GLOBAL POSITIONING SYSTEM (GPS) WITH OBSERVATIONS REFERENCED TO THE KEYNET-GPS VIRTUAL REFERENCE STATION SYSTEM.
- WATERSHED OF THIS UNNAMED TRIBUTARY TO SKIPPACK CREEK AT THE POND LOCATION IS APPROXIMATELY 0.42 SQUARE MILES [268 ACRES]. THE POND IS OFFLINE AND ACTS AS STORAGE FOR FLOOD RELIEF.
- DRAW-DOWN OF POND:
 - POND SHALL BE FULLY EMPTIED FOR THE PROPOSED WORK.
 - DRAW OFF SHALL BE BY ONE OF THE FOLLOWING METHODS AT CONTRACTOR'S OPTION:
 - PASSIVE SIPHON
 - PORTABLE PUMP
 - OTHER METHODS PROPOSED BY CONTRACTOR WILL BE CONSIDERED ON A CASE BY CASE BASIS
 - CARE SHALL BE TAKEN DURING DRAW DOWN PROCEDURE TO PROTECT AQUATIC LIFE AND MINIMIZE DISTURBANCE TO THE POND SEDIMENTS.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING DRY CONDITIONS DURING EXECUTION OF THE WORK BY METHODS PREVIOUSLY SPECIFIED:
 - PASSIVE SIPHON
 - PORTABLE PUMP

LEGEND

- - - 2ft CONTOURS
- - - - - NORMAL WATER SURFACE IN POND
- - - - - EXISTING WATER DEPTH
- - - - - SEDIMENT DEPTH
- - - - - BASE WATER SURFACE IN STREAM
- OHW - ORDINARY HIGH WATER IN STREAM, 0.69' ABOVE BASE FLOW
- ==== EXISTING STORM PIPES
- Bo SOIL TYPE & LABEL

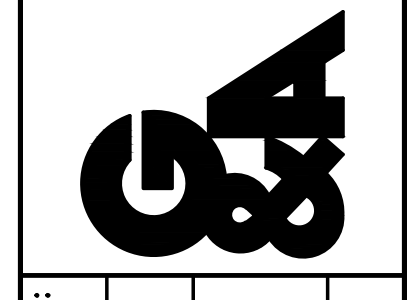
EXISTING POND TO HAVE SEDIMENT REMOVED AND RETROFIT TO BIORETENTION WITH FOREBAY.
 APPROXIMATELY 662 CUBIC YARDS OF SEDIMENT TO BE REMOVED.



GILMORE & ASSOCIATES, INC.
 ENGINEERING & CONSULTING SERVICES

16 EAST BUTLER AVENUE, SUITE 100, NEW BRITAIN, PA 17828 | P: 717.344.5300 | www.gilmore-inc.com

ONLY THOSE PLANS INCORPORATING THE PROFESSIONAL SEAL SHOULD BE CONSIDERED OFFICIAL AND RELIED UPON BY USER. THIS PLAN IS BEING REVISED PER WCD COMMENTS DATED 9/29/21. NO MODIFICATION, REVISION, DUPLICATION OR USE WITHOUT THE CONSENT OF GILMORE & ASSOCIATES, INC. IS PROHIBITED. © COPYRIGHT 2020 GILMORE & ASSOCIATES, INC. ALL RIGHTS RESERVED.



TAX MAP PARCEL NO.: 34-00-0732-00-7	XX
BLOCK 003, UNIT 004	XX
JOB NO.: 2009017	XX
MUNICIPAL FILE NO.:	XX
OWNER: FRONCONIA TOWNSHIP 671 ALLENTOWN ROAD TELFORD, PA 18924 215-725-1137	OWNER: FRONCONIA TOWNSHIP, MONTGOMERY COUNTY, PENNSYLVANIA
TOTAL AREA: 11.239 AC	TOTAL LOTS: 1
DATE: 03/12/2021	SCALE: 1"=40'
DESIGNED BY: SKD	CHECKED BY: DCR
DRAWN BY: XX	

PERMIT PLANS
 EXISTING FEATURES PLAN WITH
 SEDIMENT DEPTH
GODSHALL POND REHABILITATION

REV.	DESCRIPTION	DATE	BY
1	REVISED PER WCD COMMENTS DATED 9/29/21	10/14/21	SKD

C:\MUNICIPAL\2020\2009017-FT_Eros B. Godshall Park Pond\CAD\Production Drawings\A-EXF.dwg Layout: 1 Plotted By: sdotts, on Thu Oct 14, 2021 at 8:55am

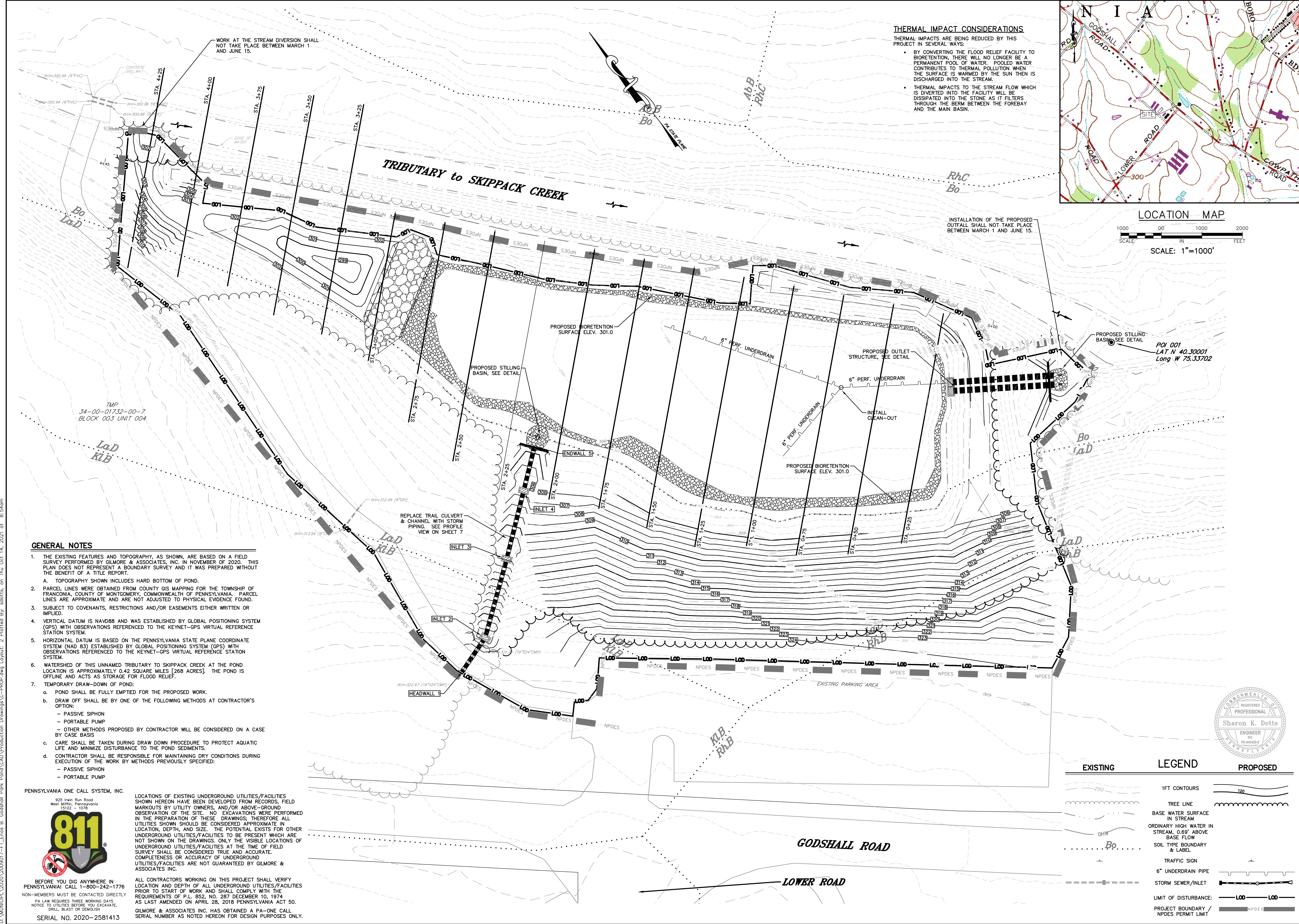
PENNSYLVANIA ONE CALL SYSTEM, INC.
 925 Twin Run Road
 West Mifflin, Pennsylvania
 15122-1078

BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA CALL 1-800-242-1776
 NON-MEMBERS MUST BE CONTACTED DIRECTLY
 PA LAW REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL, BLAST OR BLOWUP

SERIAL NO. 2020-2581413

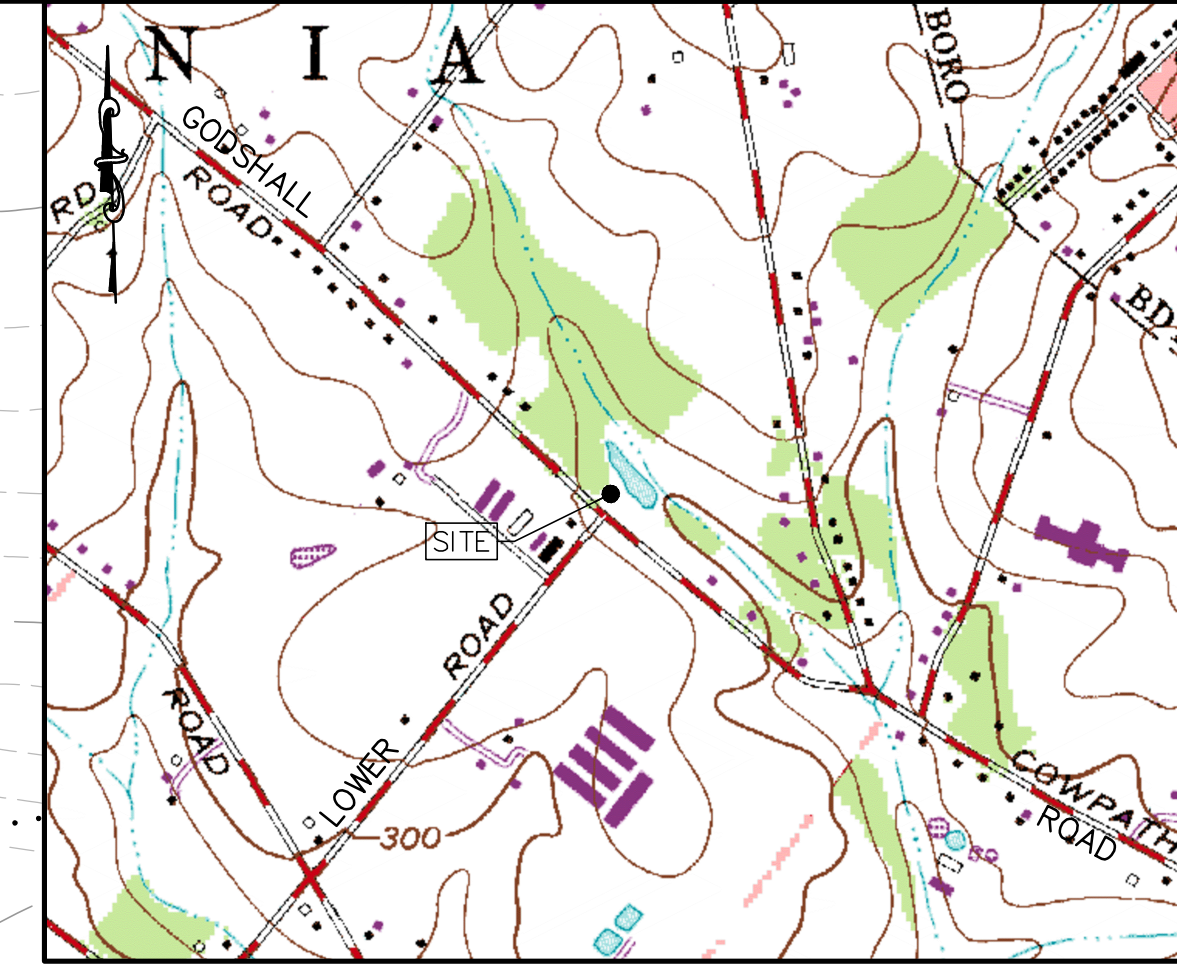
LOCATIONS OF EXISTING UNDERGROUND UTILITIES/FACILITIES SHOWN HEREON HAVE BEEN DEVELOPED FROM RECORDS, FIELD MARKOUTS BY UTILITY OWNERS, AND/OR ABOVE-GROUND OBSERVATION OF THE SITE. NO EXCAVATIONS WERE PERFORMED IN THE PREPARATION OF THESE DRAWINGS; THEREFORE ALL UTILITIES SHOWN SHOULD BE CONSIDERED APPROXIMATE IN LOCATION, DEPTH, AND SIZE. THE POTENTIAL EXISTS FOR OTHER UNDERGROUND UTILITIES/FACILITIES TO BE PRESENT WHICH ARE NOT SHOWN ON THE DRAWINGS. ONLY THE VISIBLE LOCATIONS OF UNDERGROUND UTILITIES/FACILITIES AT THE TIME OF FIELD SURVEY SHALL BE CONSIDERED TRUE AND ACCURATE. COMPLETENESS OR ACCURACY OF UNDERGROUND UTILITIES/FACILITIES ARE NOT GUARANTEED BY GILMORE & ASSOCIATES, INC.

ALL CONTRACTORS WORKING ON THIS PROJECT SHALL VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES/FACILITIES PRIOR TO START OF WORK AND SHALL COMPLY WITH THE REQUIREMENTS OF P.L. 852, NO. 287 DECEMBER 10, 1974 AS LAST AMENDED ON APRIL 28, 2018 PENNSYLVANIA ACT 50. GILMORE & ASSOCIATES, INC. HAS OBTAINED A PA-ONE CALL SERIAL NUMBER AS NOTED HEREON FOR DESIGN PURPOSES ONLY.



THERMAL IMPACT CONSIDERATIONS
 THERMAL IMPACTS ARE BEING REDUCED BY THIS PROJECT IN SEVERAL WAYS:

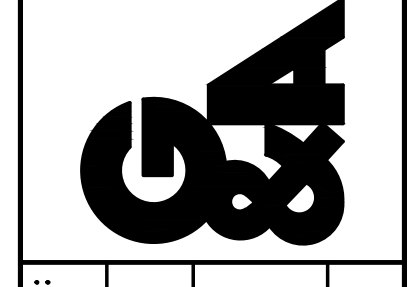
- BY CONVERTING THE FLOOD RELIEF FACILITY TO BIORETENTION, THERE WILL NO LONGER BE A PERMANENT POOL OF WATER. POOLED WATER CONTRIBUTES TO THERMAL POLLUTION WHEN THE SURFACE IS WARMED BY THE SUN THEN IS DISCHARGED INTO THE STREAM.
- THERMAL IMPACTS TO THE STREAM FLOW WHICH IS DIVERTED INTO THE FACILITY WILL BE DISSIPATED INTO THE STONE AS IT FILTERS THROUGH THE BERM BETWEEN THE FOREBAY AND THE MAIN BASIN.



LOCATION MAP
 1000 00 1000 2000
 SCALE: 1"=1000'

GILMORE & ASSOCIATES, INC.
 ENGINEERING & CONSULTING SERVICES
 65 EAST BUTLER AVENUE SUITE 100, NEW BRITAIN, PA 17857
 TEL: 717-534-5300 FAX: 717-534-5305 WWW.GILMORE-INC.COM

ONLY THOSE PLANS INCORPORATING THE PROFESSIONAL SEAL SHOULD BE CONSIDERED OFFICIAL AND RELIED UPON BY USER. THIS PLAN IS THE PROPERTY OF GILMORE & ASSOCIATES, INC. NO PART OF THIS DRAWING, HEREIN, MODIFICATION, REVISION, DUPLICATION OR USE, WITHOUT THE WRITTEN CONSENT OF GILMORE & ASSOCIATES, INC. IS PROHIBITED.
 © COPYRIGHT 2020 GILMORE & ASSOCIATES, INC. ALL RIGHTS RESERVED.



JOB NO:	2009017	TAX MAP PARCEL NO.:	34-00-01732-00-7
MUNICIPAL FILE NO.:	003 UNIT 004	BLOCK:	003
UNIT:	004	XX	XX
DESIGNED BY:	SKD	DRAWN BY:	XX
CHECKED BY:	XX	DATE:	03/12/2021

OWNER:	FRANCONIA TOWNSHIP 671 ALLENTOWN ROAD TELFDOR, PA 18924 TEL: 717-225-1137
TOTAL AREA:	11.239 AC
DATE:	03/12/2021
SCALE:	1"=20'

PERMIT PLANS
PROPOSED RESTORATION PLAN FOR BIORETENTION FACILITY
GODSHALL POND REHABILITATION
 FRANCONIA TOWNSHIP, MONTGOMERY COUNTY, PENNSYLVANIA

REGISTERED PROFESSIONAL ENGINEER	Sharon K. Dotts	PE#45428-E
DATE	10/14/21	SKD
REVISED PER WCD COMMENTS DATED	9/29/21	BY
DESCRIPTION		
1	REVISED PER WCD COMMENTS DATED 9/29/21	SKD
2		

- GENERAL NOTES**
- THE EXISTING FEATURES AND TOPOGRAPHY, AS SHOWN, ARE BASED ON A FIELD SURVEY PERFORMED BY GILMORE & ASSOCIATES, INC. IN NOVEMBER OF 2020. THIS PLAN DOES NOT REPRESENT A BOUNDARY SURVEY AND IT WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT.
 - TOPOGRAPHY SHOWN INCLUDES HARD BOTTOM OF POND.
 - PARCEL LINES WERE OBTAINED FROM COUNTY GIS MAPPING FOR THE TOWNSHIP OF FRANCONIA, COUNTY OF MONTGOMERY, COMMONWEALTH OF PENNSYLVANIA. PARCEL LINES ARE APPROXIMATE AND ARE NOT ADJUSTED TO PHYSICAL EVIDENCE FOUND.
 - SUBJECT TO COVENANTS, RESTRICTIONS AND/OR EASEMENTS EITHER WRITTEN OR IMPLIED.
 - VERTICAL DATUM IS NAVD88 AND WAS ESTABLISHED BY GLOBAL POSITIONING SYSTEM (GPS) WITH OBSERVATIONS REFERENCED TO THE KEYNET-GPS VIRTUAL REFERENCE STATION SYSTEM.
 - HORIZONTAL DATUM IS BASED ON THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM (NAD 83) ESTABLISHED BY GLOBAL POSITIONING SYSTEM (GPS) WITH OBSERVATIONS REFERENCED TO THE KEYNET-GPS VIRTUAL REFERENCE STATION SYSTEM.
 - WATERSHED OF THIS UNNAMED TRIBUTARY TO SKIPPACK CREEK AT THE POND LOCATION IS APPROXIMATELY 0.42 SQUARE MILES [268 ACRES]. THE POND IS OFFLINE AND ACTS AS STORAGE FOR FLOOD RELIEF.
 - TEMPORARY DRAW-DOWN OF POND:
 - POND SHALL BE FULLY EMPTIED FOR THE PROPOSED WORK.
 - DRAW OFF SHALL BE BY ONE OF THE FOLLOWING METHODS AT CONTRACTOR'S OPTION:
 - PASSIVE SIPHON
 - PORTABLE PUMP
 - OTHER METHODS PROPOSED BY CONTRACTOR WILL BE CONSIDERED ON A CASE BY CASE BASIS
 - CARE SHALL BE TAKEN DURING DRAW DOWN PROCEDURE TO PROTECT AQUATIC LIFE AND MINIMIZE DISTURBANCE TO THE POND SEDIMENTS.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING DRY CONDITIONS DURING EXECUTION OF THE WORK BY METHODS PREVIOUSLY SPECIFIED:
 - PASSIVE SIPHON
 - PORTABLE PUMP

PENNSYLVANIA ONE CALL SYSTEM, INC.
 925 Twin Run Road
 West Mifflin, Pennsylvania
 15122 - 1078

811

BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA CALL 1-800-242-1776
 NON-MEMBERS MUST BE CONTACTED DIRECTLY
 PA LAW REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL, BLAST OR BLOWMUSH

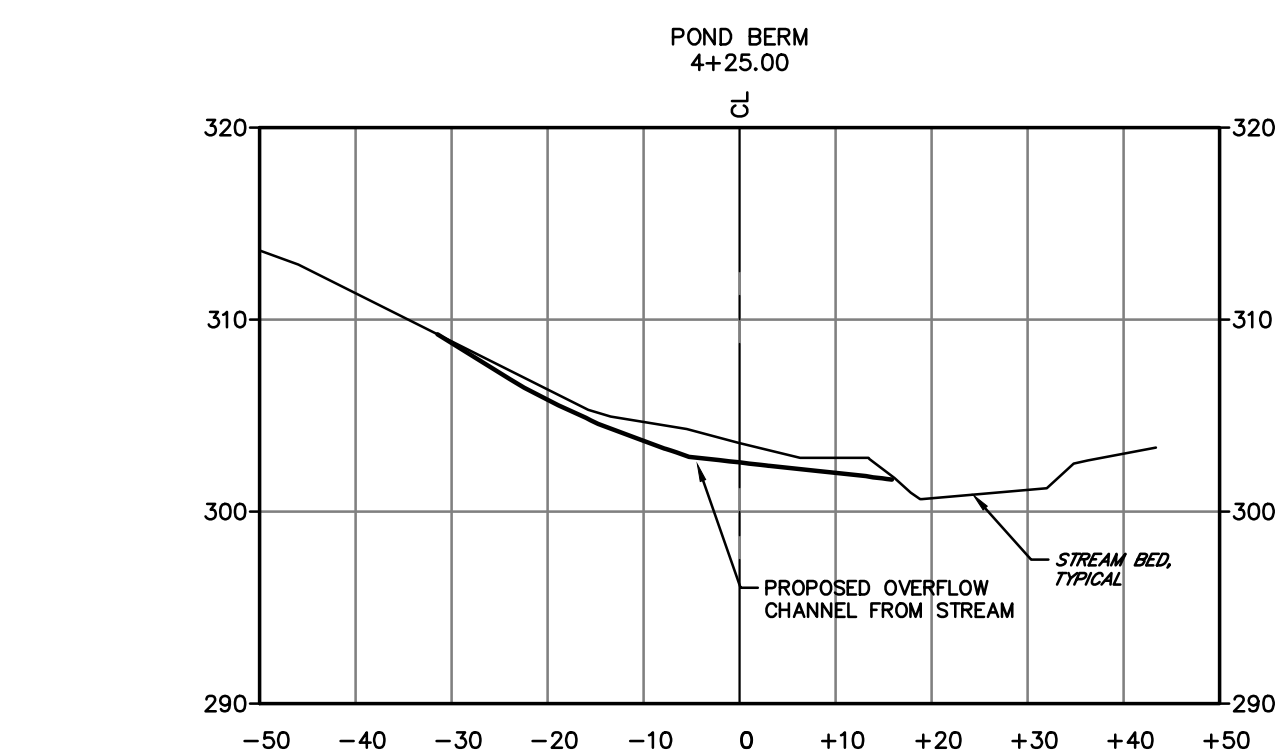
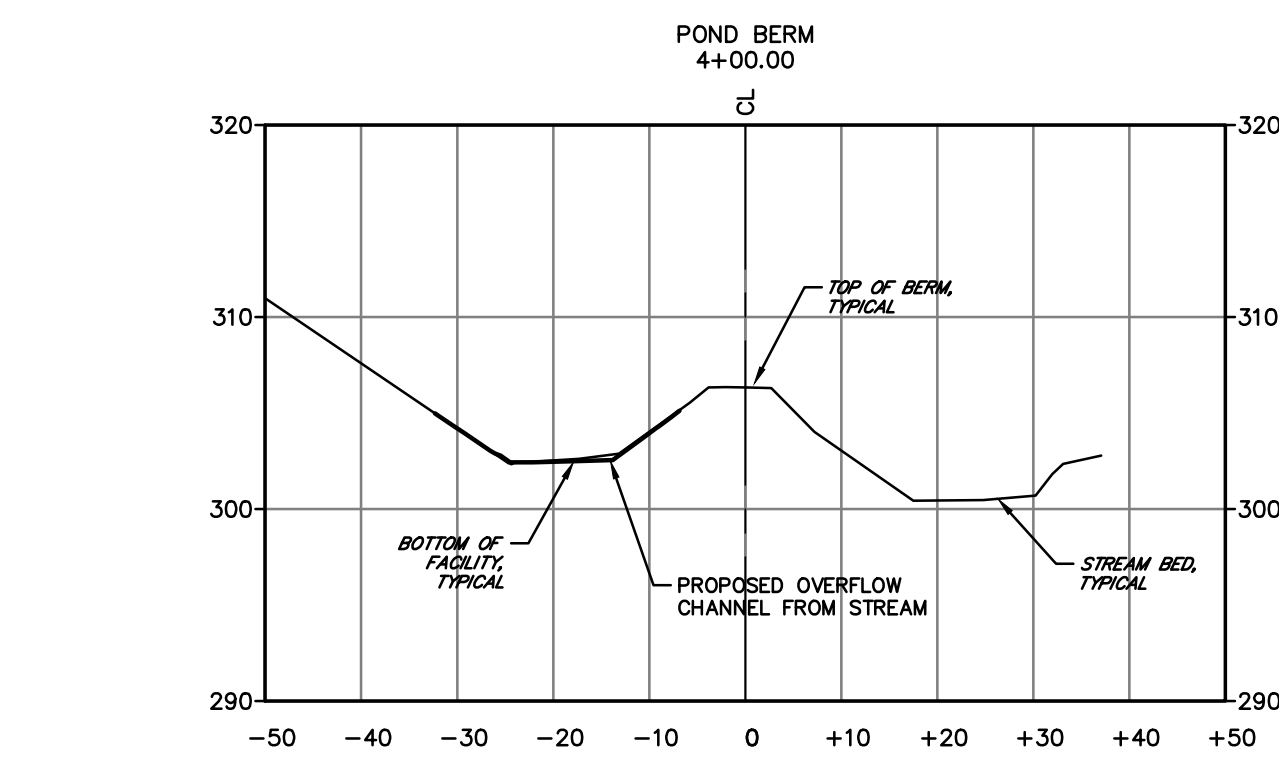
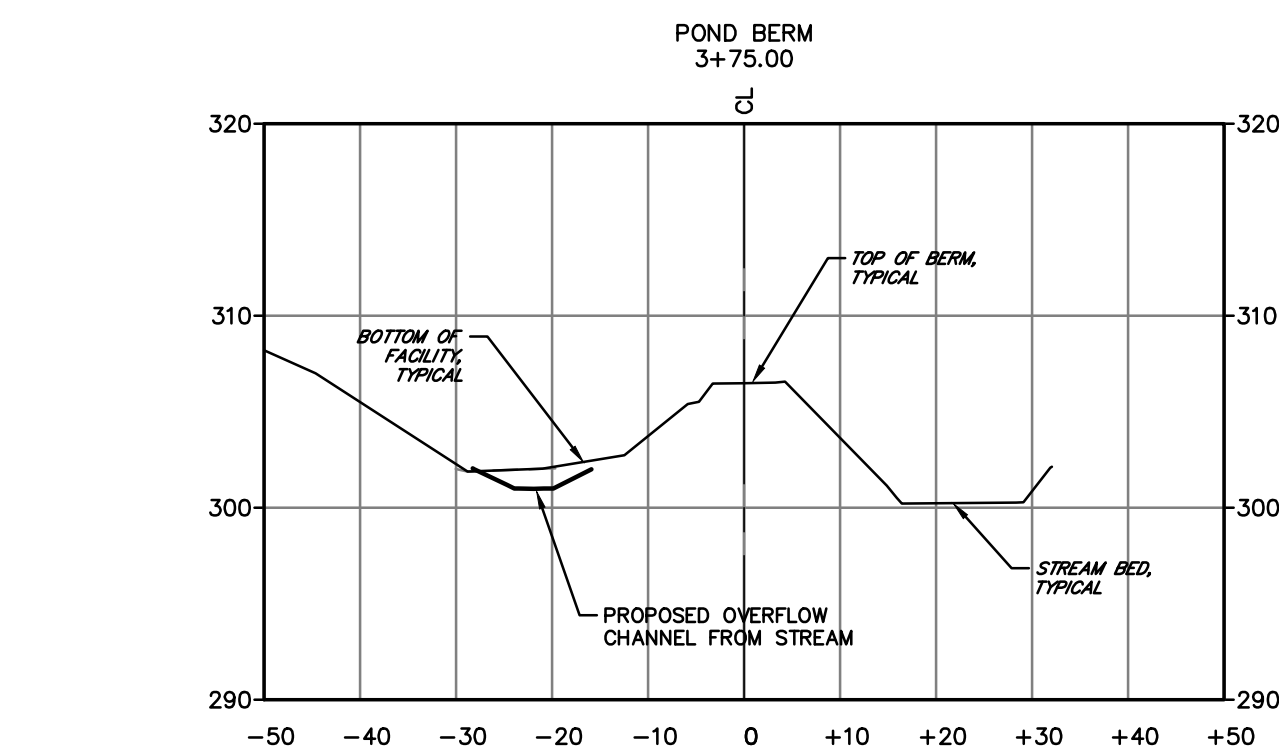
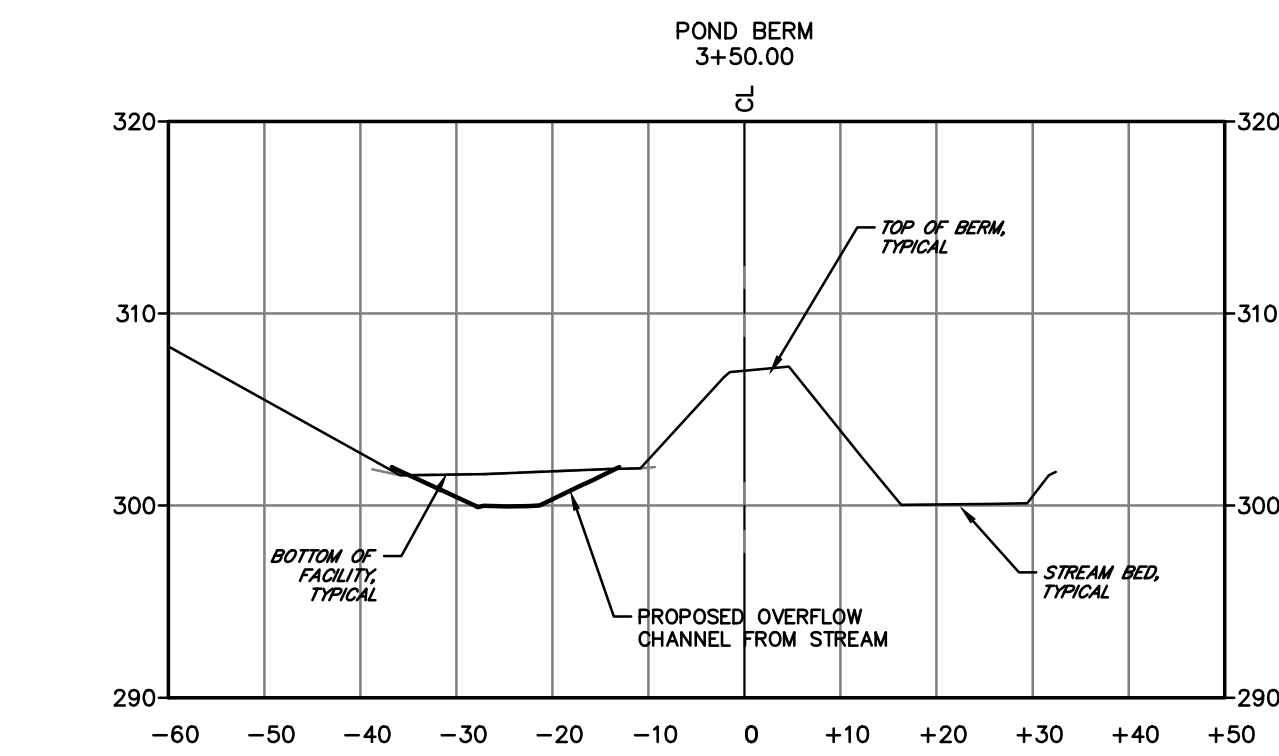
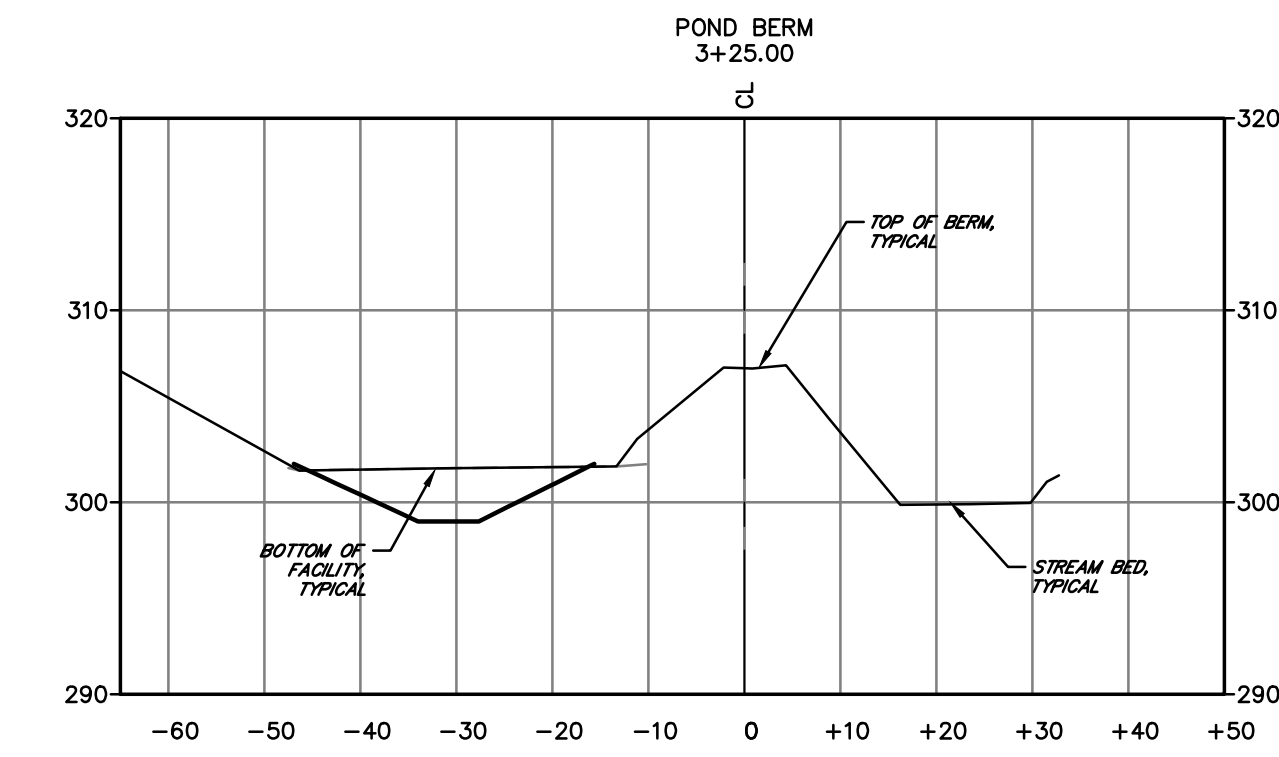
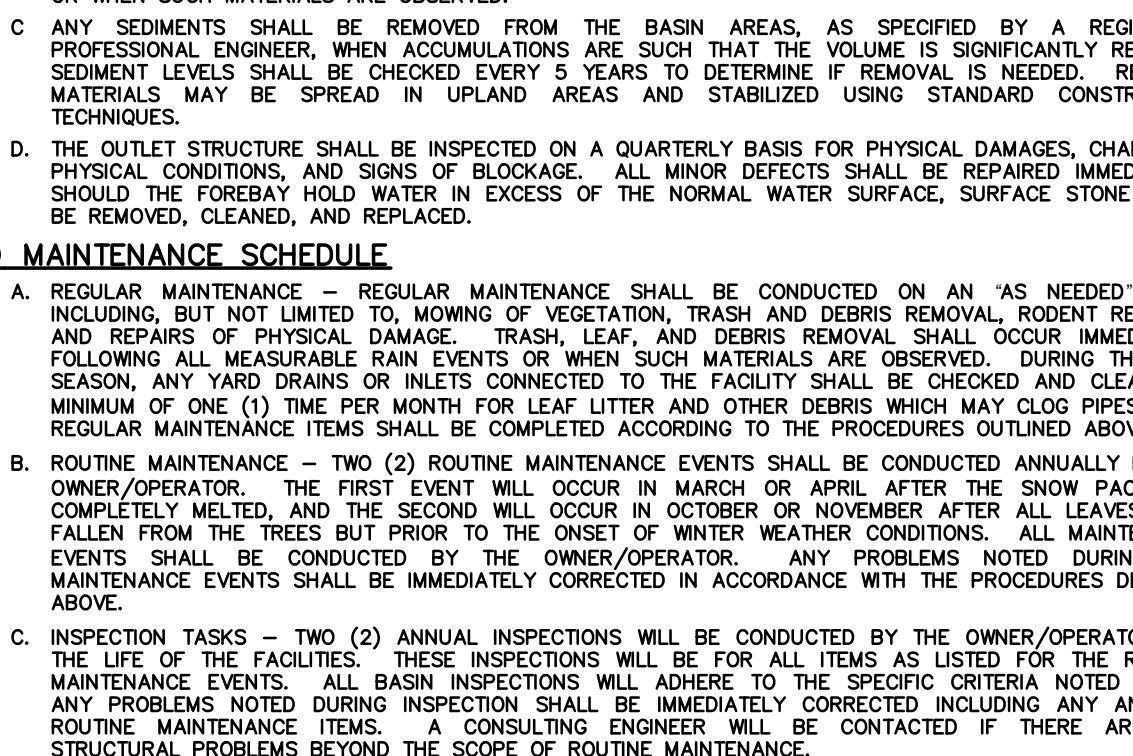
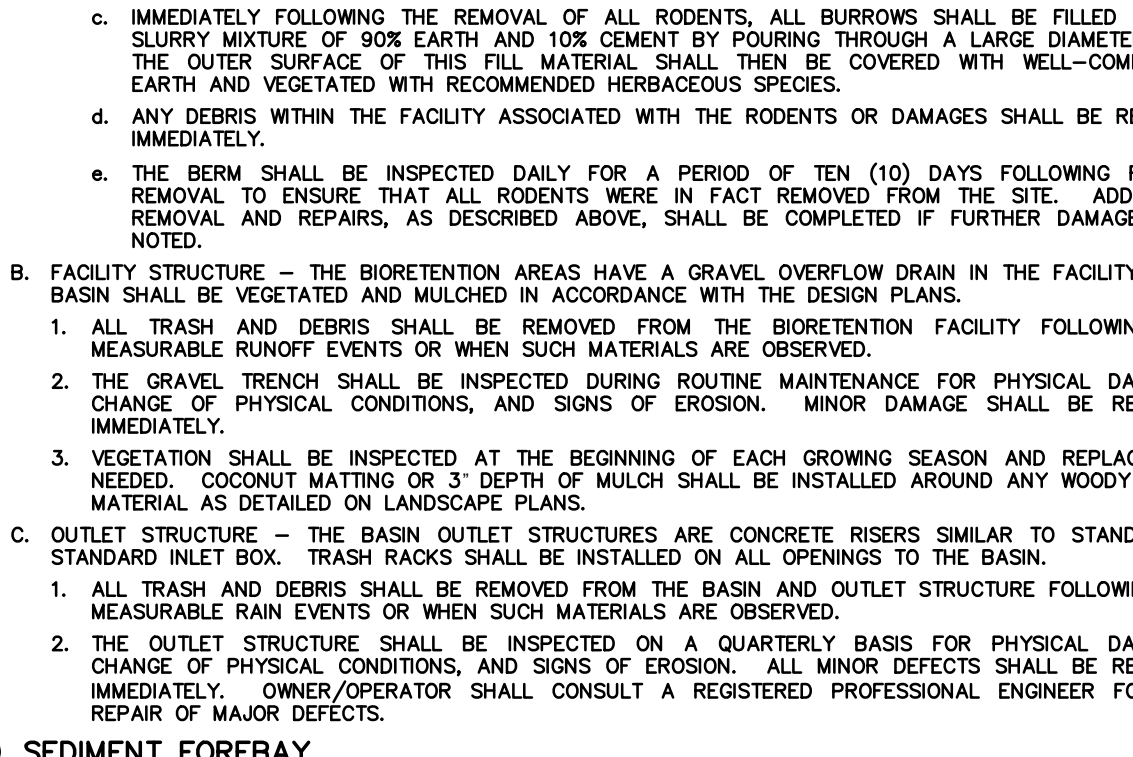
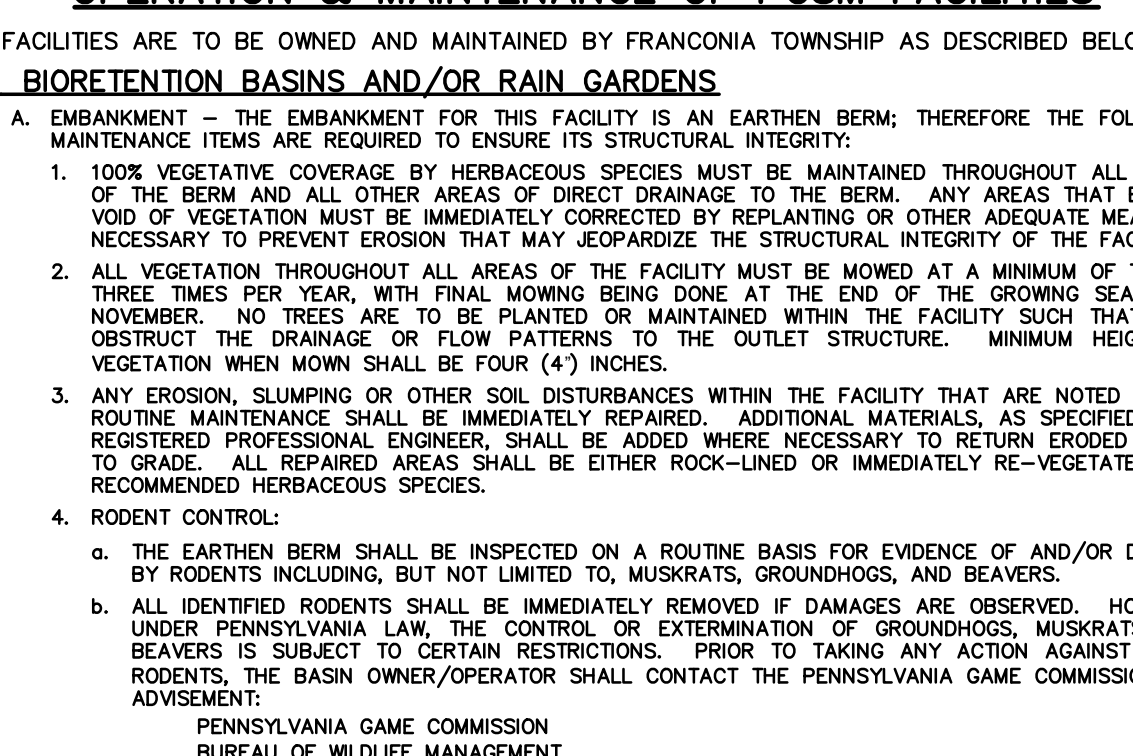
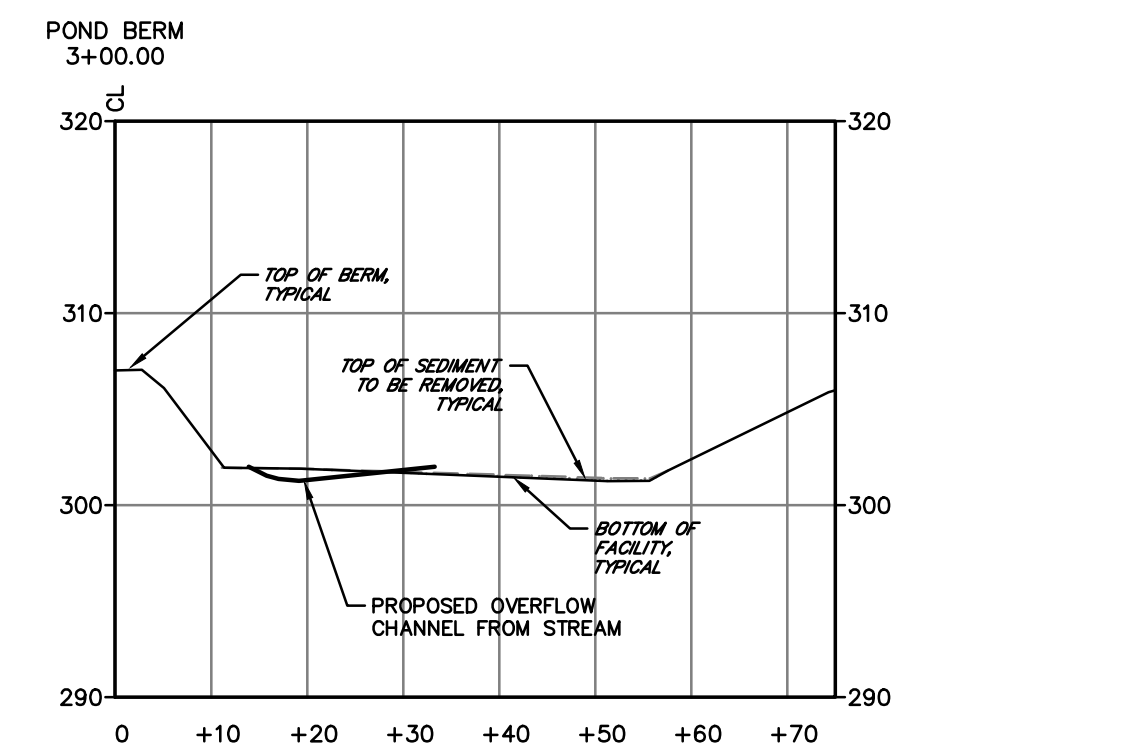
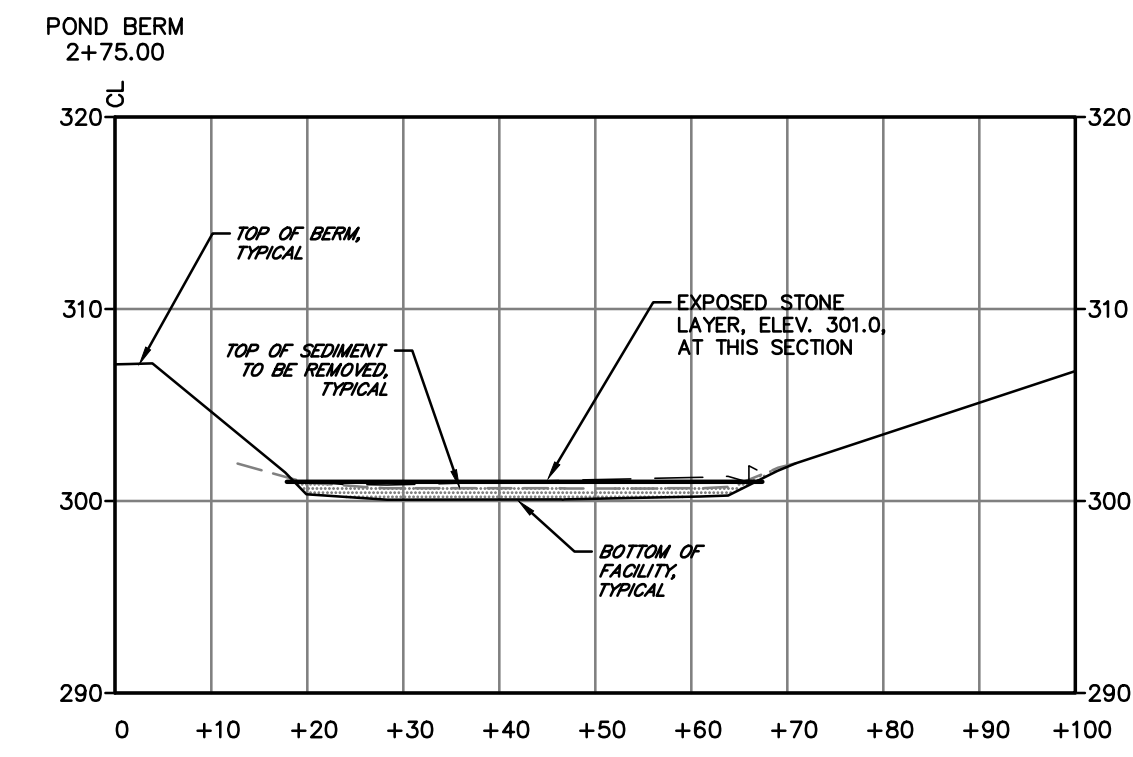
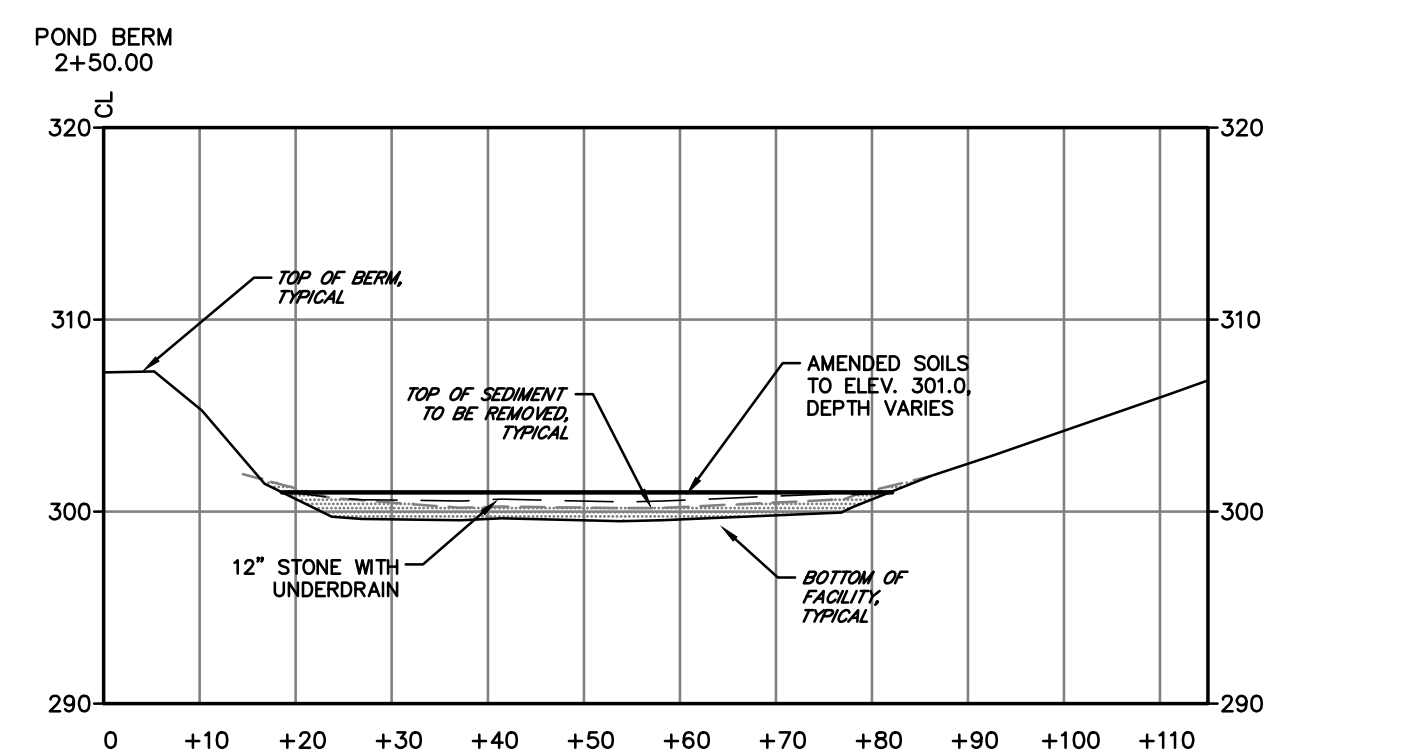
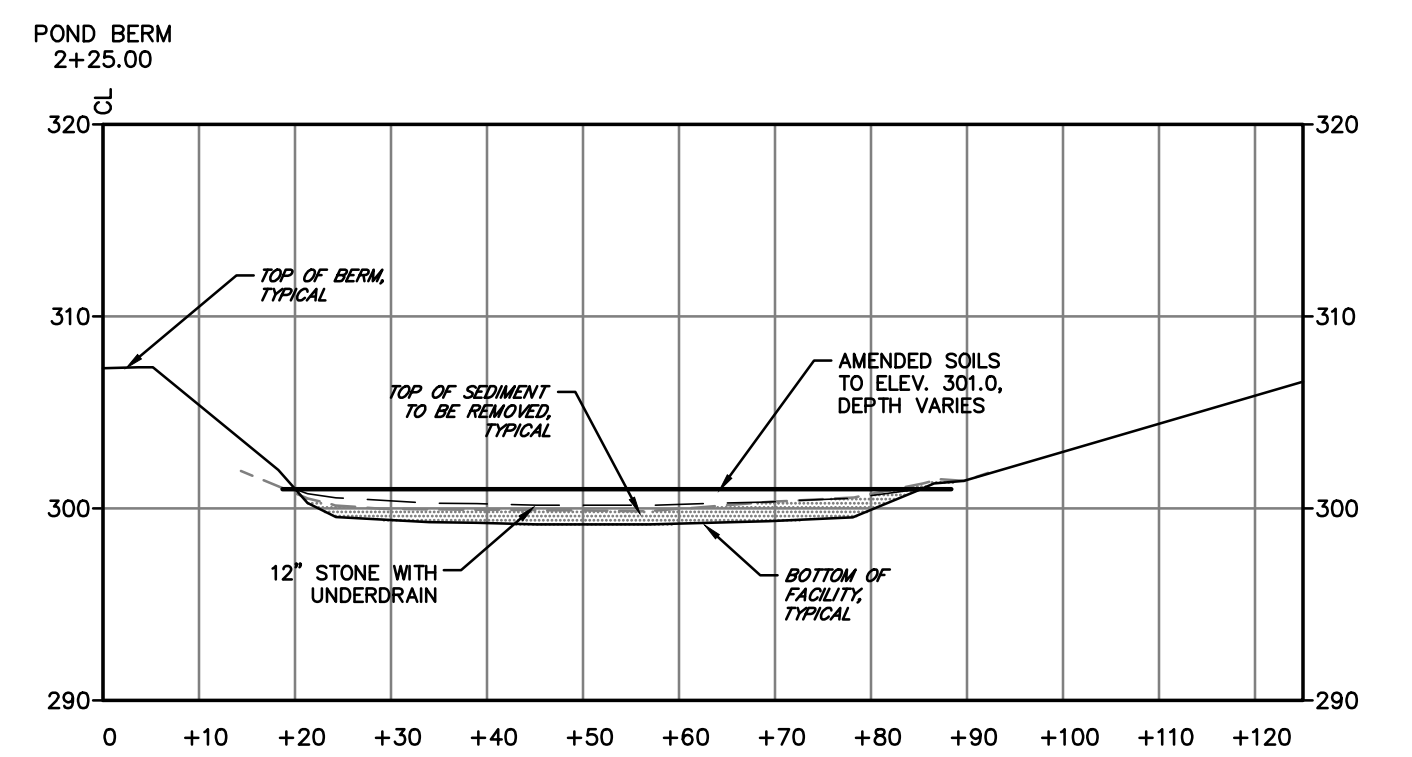
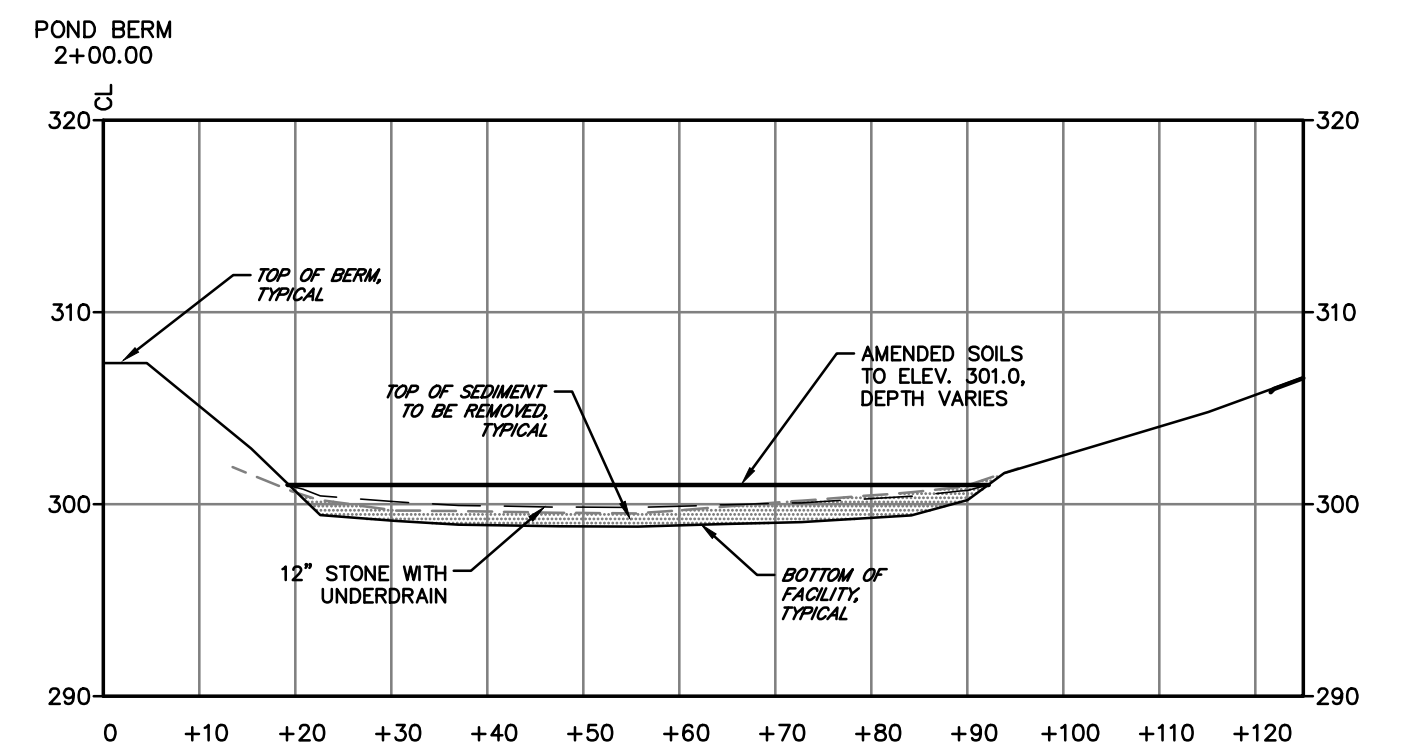
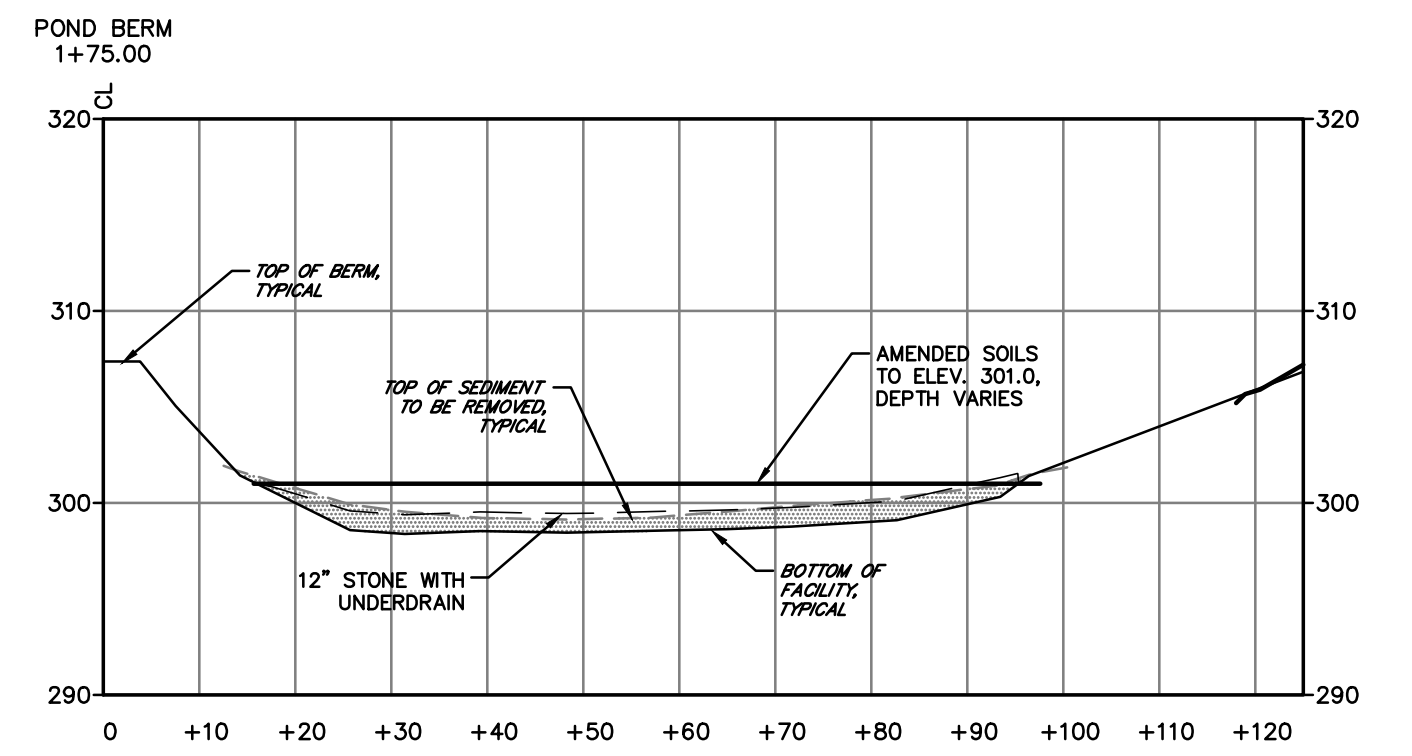
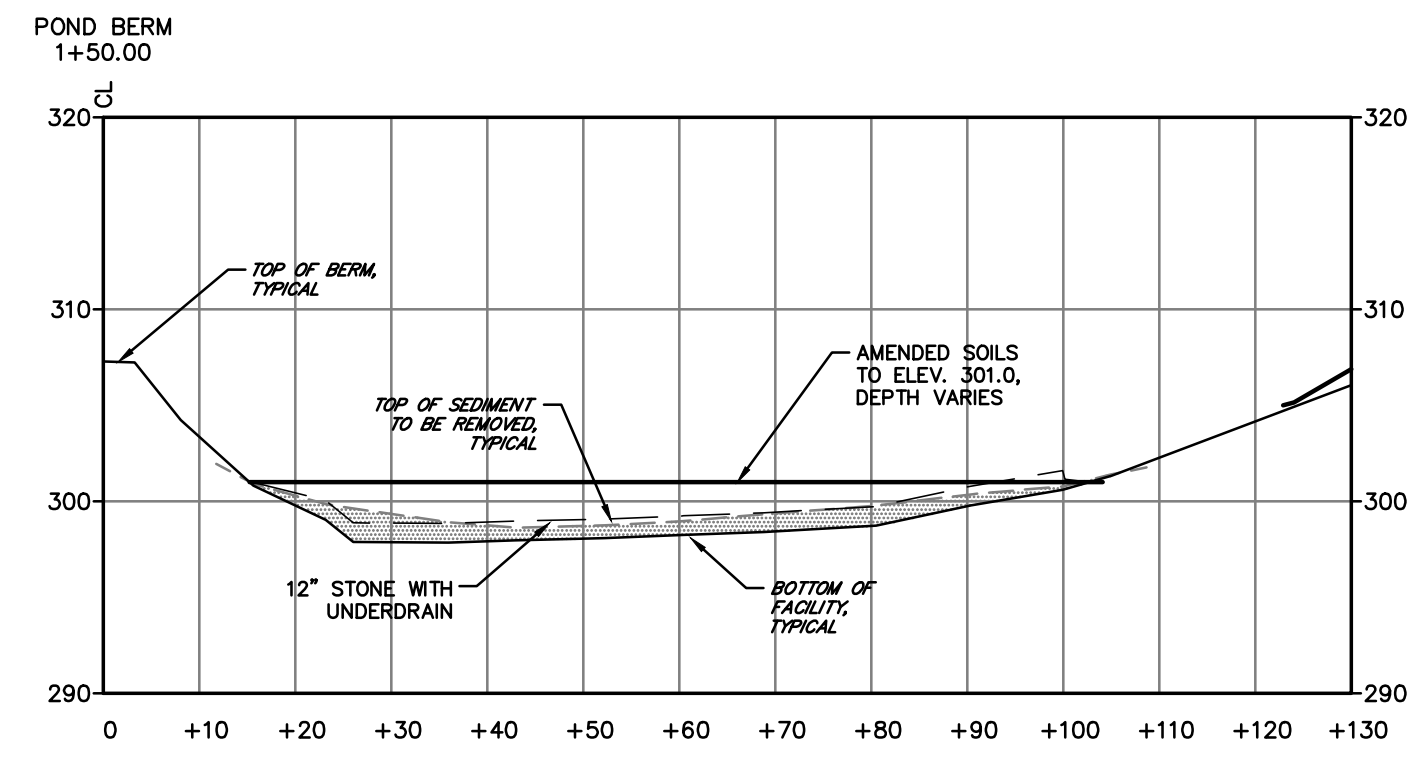
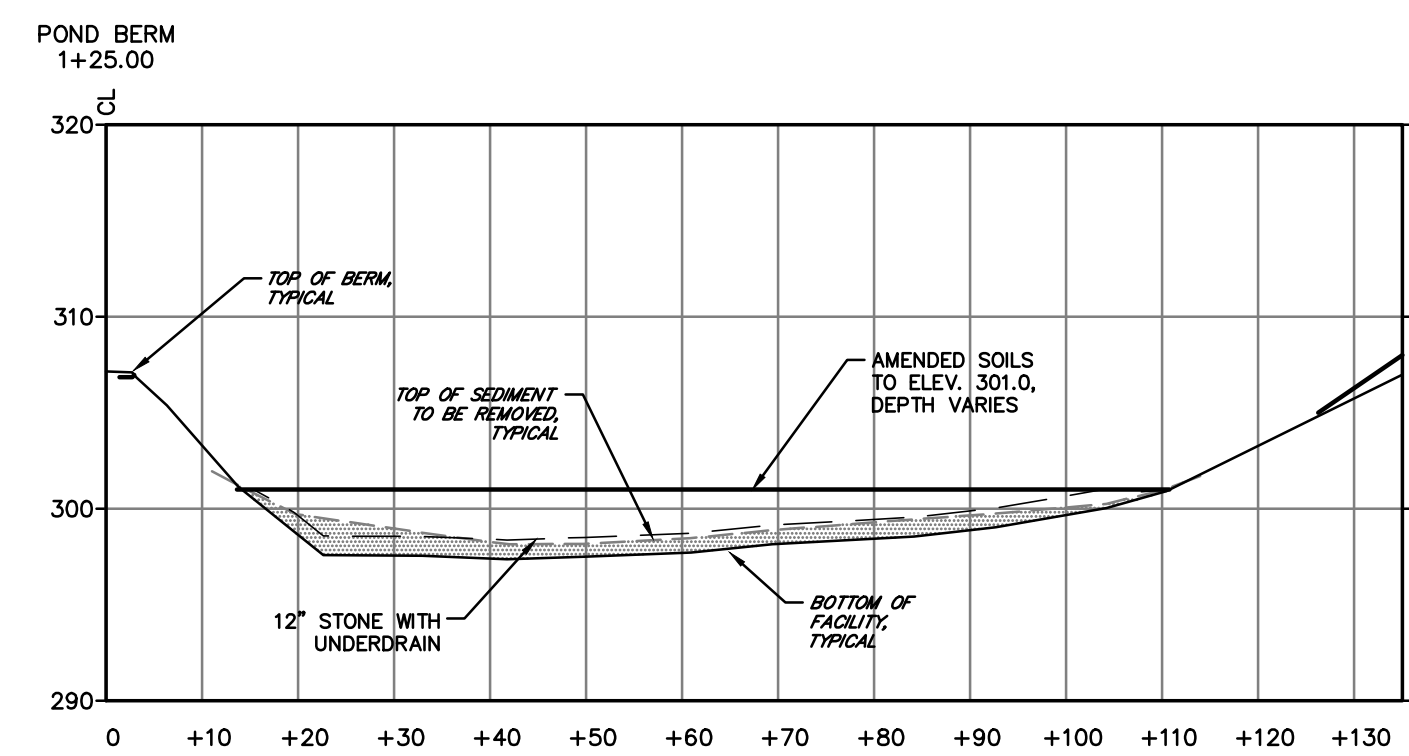
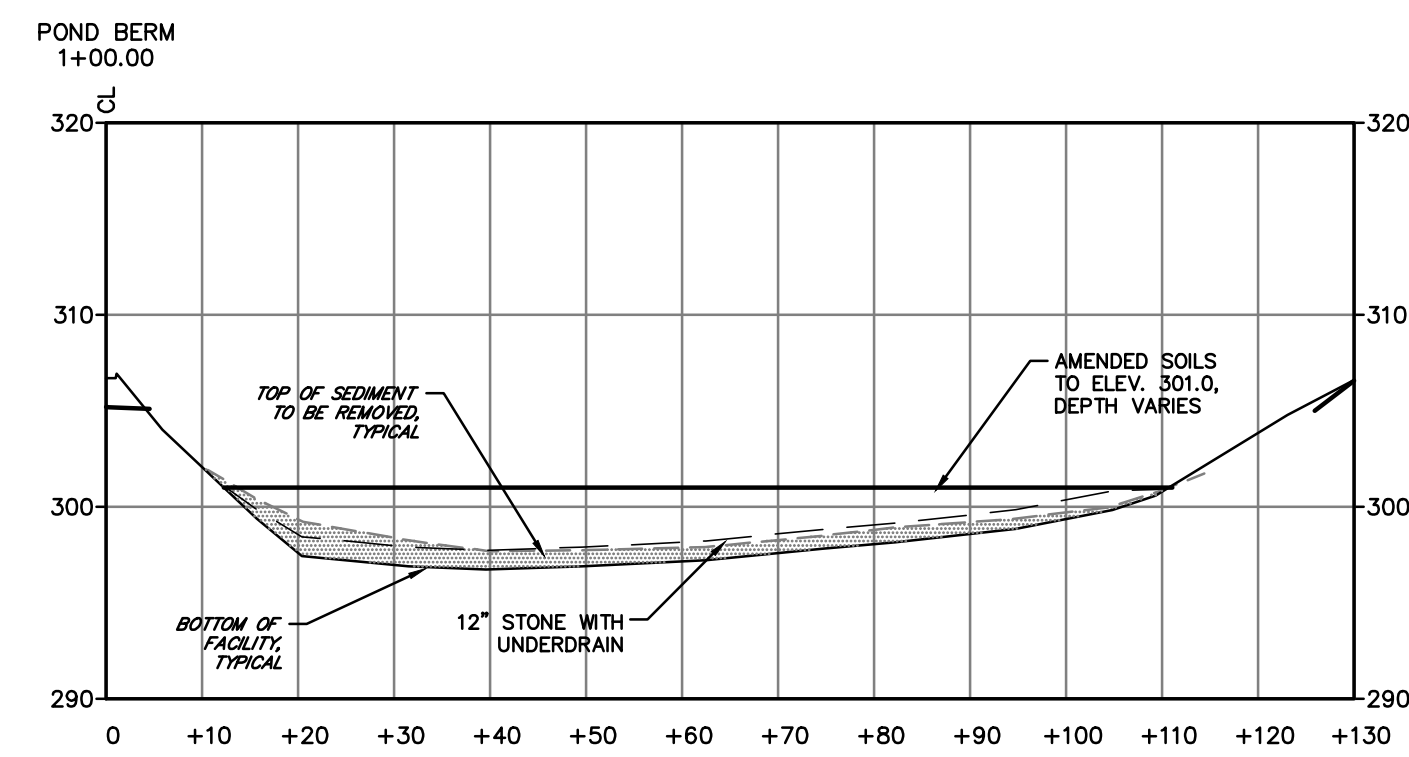
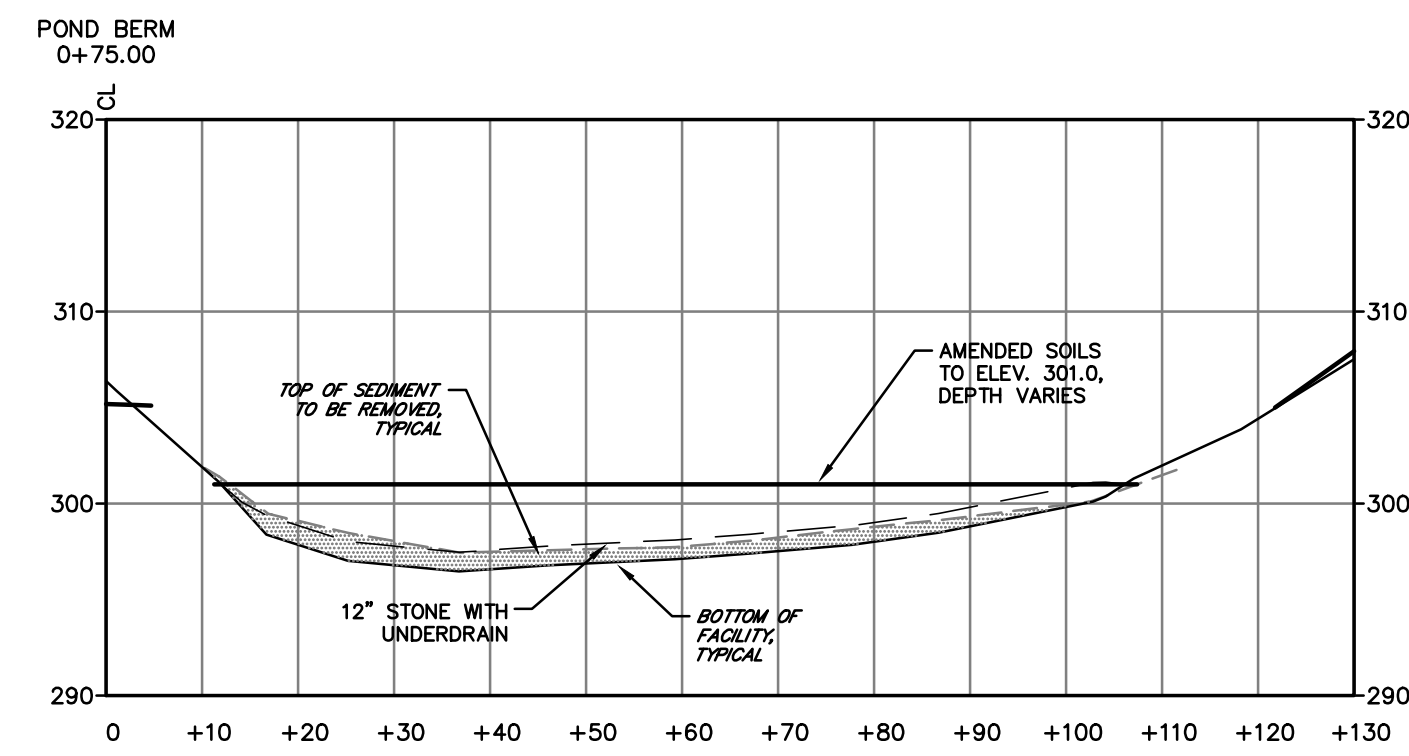
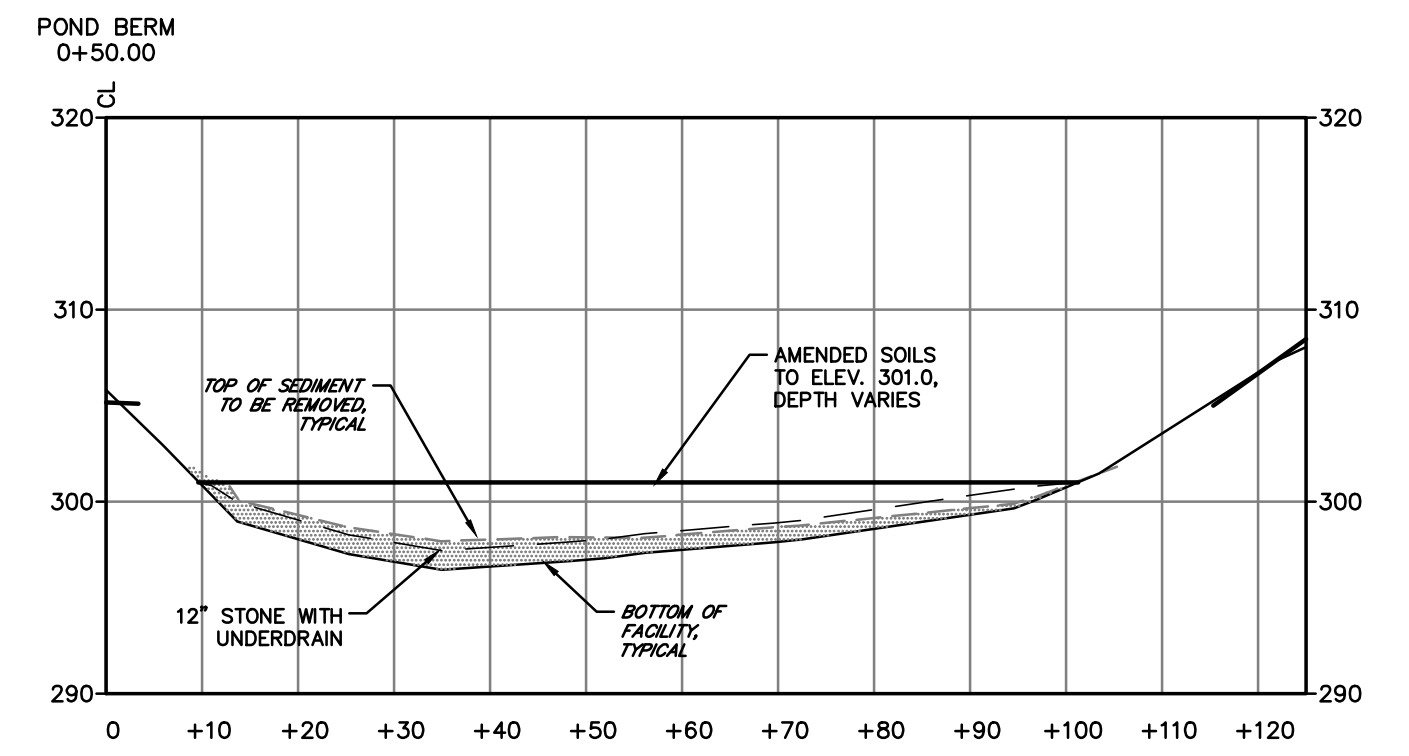
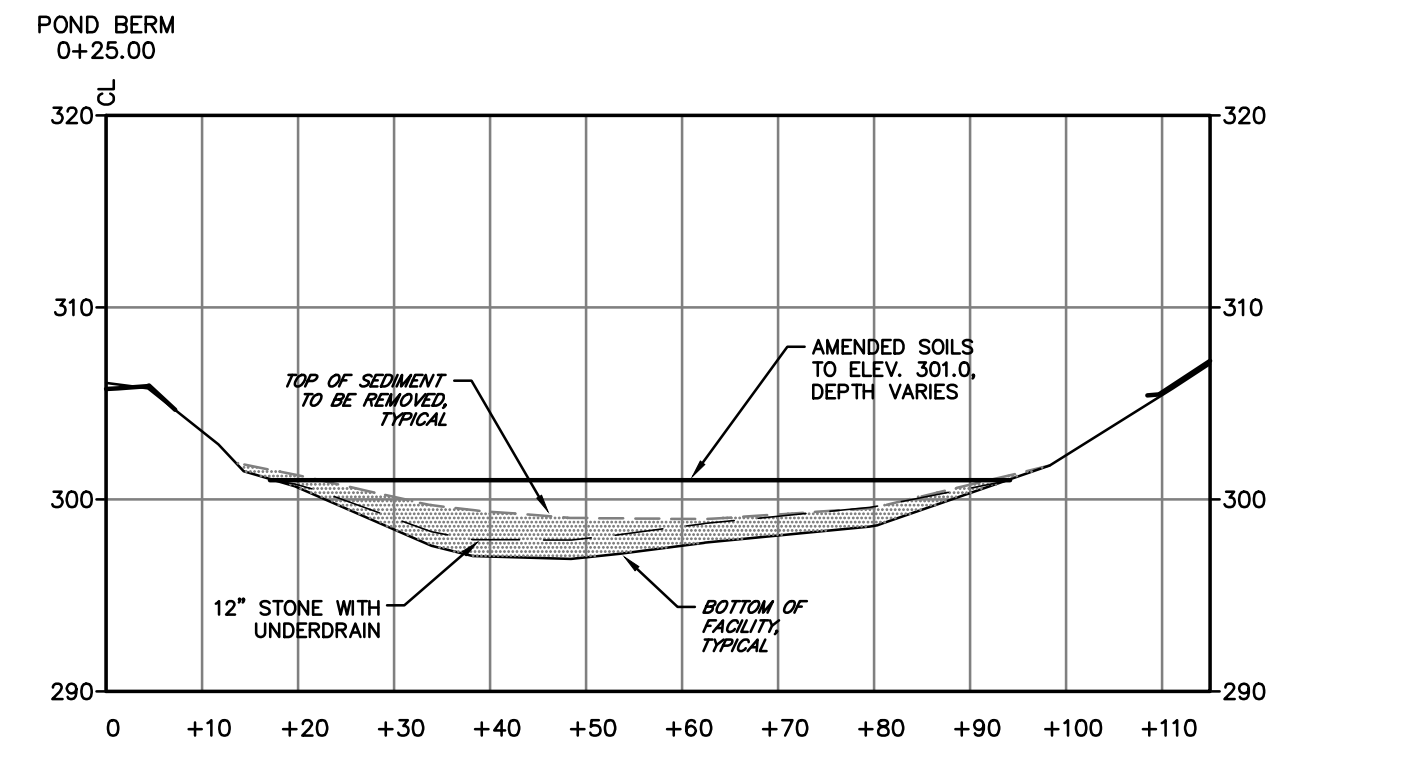
SERIAL NO. 2020-2581413

LOCATIONS OF EXISTING UNDERGROUND UTILITIES/FACILITIES SHOWN HEREON HAVE BEEN DEVELOPED FROM RECORDS, FIELD MARKOUTS BY UTILITY OWNERS, AND/OR ABOVE-GROUND OBSERVATION OF THE SITE. NO EXCAVATIONS WERE PERFORMED IN THE PREPARATION OF THESE DRAWINGS; THEREFORE ALL UTILITIES SHOWN SHOULD BE CONSIDERED APPROXIMATE IN LOCATION, DEPTH, AND SIZE. THE POTENTIAL EXISTS FOR OTHER UNDERGROUND UTILITIES/FACILITIES TO BE PRESENT WHICH ARE NOT SHOWN ON THE DRAWINGS. ONLY THE VISIBLE LOCATIONS OF UNDERGROUND UTILITIES/FACILITIES AT THE TIME OF FIELD SURVEY SHALL BE CONSIDERED TRUE AND ACCURATE. COMPLETENESS OR ACCURACY OF UNDERGROUND UTILITIES/FACILITIES ARE NOT GUARANTEED BY GILMORE & ASSOCIATES INC.

ALL CONTRACTORS WORKING ON THIS PROJECT SHALL VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES/FACILITIES PRIOR TO START OF WORK AND SHALL COMPLY WITH THE REQUIREMENTS OF P.L. 852, NO. 287 DECEMBER 10, 1974, AS LAST AMENDED ON APRIL 28, 2018 PENNSYLVANIA ACT 50. GILMORE & ASSOCIATES INC. HAS OBTAINED A PA-ONE CALL SERIAL NUMBER AS NOTED HEREON FOR DESIGN PURPOSES ONLY.

EXISTING	LEGEND	PROPOSED
	1FT CONTOURS	120
	TREE LINE	
	BASE WATER SURFACE IN STREAM	
	ORDINARY HIGH WATER IN STREAM, 0.69' ABOVE BASE FLOW	
	SOIL TYPE BOUNDARY & LABEL	
	TRAFFIC SIGN	
	6" UNDERDRAIN PIPE	
	STORM SEWER/INLET	
	LIMIT OF DISTURBANCE:	LOD LOD
	PROJECT BOUNDARY / NPDES PERMIT LIMIT	NPDES

C:\MUNICIPAL\2020\2009017-FT_Eros B. Godshall Park Pond\CAD\Production Drawings\0-Sections.dwg Layout: 3 Plotted By: adotts, on Thu, Oct 14, 2021 at 8:55am



OPERATION & MAINTENANCE OF PCSM FACILITIES

FACILITIES ARE TO BE OWNED AND MAINTAINED BY FRANCONIA TOWNSHIP AS DESCRIBED BELOW:

1.0 BIORETENTION BASINS AND/OR RAIN GARDENS

- A. EMBANKMENT - THE EMBANKMENT FOR THIS FACILITY IS AN EARTHEN BERM; THEREFORE THE FOLLOWING MAINTENANCE ITEMS ARE REQUIRED TO ENSURE ITS STRUCTURAL INTEGRITY:
 1. 100% VEGETATIVE COVERAGE BY HERBACEOUS SPECIES MUST BE MAINTAINED THROUGHOUT ALL AREAS OF THE BERM AND ALL OTHER AREAS OF DIRECT DRAINAGE TO THE BERM. ANY AREAS THAT BECOME VOID OF VEGETATION MUST BE IMMEDIATELY CORRECTED BY REPLANTING OR OTHER ADEQUATE MEASURES NECESSARY TO PREVENT EROSION THAT MAY JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE FACILITY.
 2. ALL VEGETATION THROUGHOUT ALL AREAS OF THE FACILITY MUST BE MOWED AT A MINIMUM OF TWO TO THREE TIMES PER YEAR, WITH FINAL MOWING BEING DONE AT THE END OF THE GROWING SEASON IN NOVEMBER. NO TREES ARE TO BE PLANTED OR MAINTAINED WITHIN THE FACILITY SUCH THAT THEY OBSTRUCT THE DRAINAGE OR FLOW PATTERNS TO THE OUTLET STRUCTURE. MINIMUM HEIGHT OF VEGETATION WHEN MOWING SHALL BE FOUR (4") INCHES.
 3. ANY EROSION, SLUMPING OR OTHER SOIL DISTURBANCES WITHIN THE FACILITY THAT ARE NOTED DURING ROUTINE MAINTENANCE SHALL BE IMMEDIATELY REPAIRED. ADDITIONAL MATERIALS, AS SPECIFIED BY A REGISTERED PROFESSIONAL ENGINEER, SHALL BE ADDED WHERE NECESSARY TO RETURN ERODED AREAS TO GRADE. ALL REPAIRED AREAS SHALL BE EITHER ROCK-LINED OR IMMEDIATELY RE-VEGETATED WITH RECOMMENDED HERBACEOUS SPECIES.
 4. RODENT CONTROL:
 - a. THE EARTHEN BERM SHALL BE INSPECTED ON A ROUTINE BASIS FOR EVIDENCE OF AND/OR DAMAGE BY RODENTS INCLUDING, BUT NOT LIMITED TO, MUSKRATS, MOLES, AND BEAVERS.
 - b. ALL IDENTIFIED RODENTS SHALL BE IMMEDIATELY REMOVED IF DAMAGES ARE OBSERVED. HOWEVER, UNDER PENNSYLVANIA LAW, THE CONTROL OR EXTERMINATION OF GROUNDHOOGS, MUSKRATS, AND BEAVERS IS SUBJECT TO CERTAIN RESTRICTIONS. ANY ACTION AGAINST THESE RODENTS, THE BASIN OWNER/OPERATOR SHALL CONTACT THE PENNSYLVANIA GAME COMMISSION FOR ADVICE:

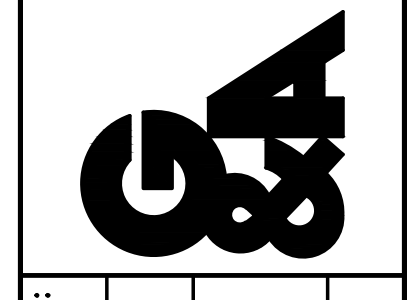
PENNSYLVANIA GAME COMMISSION
BUREAU OF WILDLIFE MANAGEMENT
2001 ELMERTON AVENUE
HARRISBURG, PA 17110-9797
(717) 787-5529
 - c. IMMEDIATELY FOLLOWING THE REMOVAL OF ALL RODENTS, ALL BURROWS SHALL BE FILLED WITH A SLURRY MIXTURE OF 90% EARTH AND 10% CEMENT BY POURING THROUGH A LARGE DIAMETER PIPE. THE OUTER SURFACE OF THIS FILL MATERIAL SHALL THEN BE COVERED WITH WELL-COMPACTED EARTH AND VEGETATED WITH RECOMMENDED HERBACEOUS SPECIES.
 - d. ANY DEBRIS WITHIN THE FACILITY ASSOCIATED WITH THE RODENTS OR DAMAGES SHALL BE REMOVED IMMEDIATELY.
 - e. THE BERM SHALL BE INSPECTED DAILY FOR A PERIOD OF TEN (10) DAYS FOLLOWING RODENT REMOVAL TO ENSURE THAT ALL RODENTS WERE IN FACT REMOVED FROM THE SITE. ADDITIONAL REMOVAL AND REPAIRS, AS DESCRIBED ABOVE, SHALL BE COMPLETED IF FURTHER DAMAGES ARE NOTED.
- B. FACILITY STRUCTURE - THE BIORETENTION AREAS HAVE A GRAVEL OVERFLOW DRAIN IN THE FACILITY. THE BASIN SHALL BE VEGETATED AND MULCHED IN ACCORDANCE WITH THE DESIGN PLANS.
 1. ALL TRASH AND DEBRIS SHALL BE REMOVED FROM THE BIORETENTION FACILITY FOLLOWING ALL MEASURABLE RUNOFF EVENTS OR WHEN SUCH MATERIALS ARE OBSERVED.
 2. THE GRAVEL TRENCH SHALL BE INSPECTED DURING ROUTINE MAINTENANCE FOR PHYSICAL DAMAGES, CHANGE OF PHYSICAL CONDITIONS, AND SIGNS OF EROSION. MINOR DAMAGE SHALL BE REPAIRED IMMEDIATELY.
 3. VEGETATION SHALL BE INSPECTED AT THE BEGINNING OF EACH GROWING SEASON AND REPLACED AS NEEDED. COCONUT MULCH SHALL BE INSTALLED AROUND ANY WOODY PLANT MATERIAL AS DETAILED ON LANDSCAPE PLANS.
- C. OUTLET STRUCTURE - THE BASIN OUTLET STRUCTURES ARE CONCRETE RISERS SIMILAR TO STANDARD A STANDARD INLET BOX. TRASH RACKS SHALL BE INSTALLED ON ALL OPENINGS TO THE BASIN.
 1. ALL TRASH AND DEBRIS SHALL BE REMOVED FROM THE BASIN AND OUTLET STRUCTURE FOLLOWING ALL MEASURABLE RAIN EVENTS OR WHEN SUCH MATERIALS ARE OBSERVED.
 2. THE OUTLET STRUCTURE SHALL BE INSPECTED ON A QUARTERLY BASIS FOR PHYSICAL DAMAGES, CHANGE OF PHYSICAL CONDITIONS, AND SIGNS OF EROSION. ALL MINOR DEFECTS SHALL BE REPAIRED IMMEDIATELY. OWNER/OPERATOR SHALL CONSULT A REGISTERED PROFESSIONAL ENGINEER FOR THE REPAIR OF MAJOR DEFECTS.

- #### 2.0 SEDIMENT FOREBAY
- A. EMBANKMENTS SHALL BE MAINTAINED AS DESCRIBED ABOVE.
 - B. ALL TRASH AND DEBRIS SHALL BE REMOVED FROM THE FOREBAY FOLLOWING ALL MEASURABLE RAIN EVENTS OR WHEN SUCH MATERIALS ARE OBSERVED.
 - C. ANY SEDIMENTS SHALL BE REMOVED FROM THE BASIN AREAS, AS SPECIFIED BY A REGISTERED PROFESSIONAL ENGINEER, WHEN ACCUMULATIONS ARE SUCH THAT THE VOLUME IS SIGNIFICANTLY REDUCED. SEDIMENT LEVELS SHALL BE CHECKED EVERY 6 YEARS TO DETERMINE IF REMOVAL IS NEEDED. REMOVED MATERIALS MAY BE SPREAD IN UPLAND AREAS AND STABILIZED USING STANDARD CONSTRUCTION TECHNIQUES.
 - D. THE OUTLET STRUCTURE SHALL BE INSPECTED ON A QUARTERLY BASIS FOR PHYSICAL DAMAGES, CHANGE OF PHYSICAL CONDITIONS, AND SIGNS OF EROSION. ALL MINOR DEFECTS SHALL BE REPAIRED IMMEDIATELY. SHOULD THE FOREBAY HOLD WATER IN EXCESS OF THE NORMAL WATER SURFACE, SURFACE STONE SHALL BE REMOVED, CLEANED, AND REPLACED.

- #### 3.0 MAINTENANCE SCHEDULE
- A. REGULAR MAINTENANCE - REGULAR MAINTENANCE SHALL BE CONDUCTED ON AN "AS NEEDED" BASIS INCLUDING, BUT NOT LIMITED TO, MOWING OF VEGETATION, TRASH AND DEBRIS REMOVAL, RODENT REMOVAL, AND REPAIRS OF PHYSICAL DAMAGE. TRASH, LEAF, AND DEBRIS REMOVAL SHALL OCCUR IMMEDIATELY FOLLOWING ALL MEASURABLE RAIN EVENTS OR WHEN SUCH MATERIALS ARE OBSERVED. DURING THE FALL SEASON, ANY YARD DRAINS OR INLETS CONNECTED TO THE FACILITY SHALL BE CHECKED AND CLEARED A MINIMUM OF ONE (1) TIME PER MONTH FOR LEAF LITTER AND OTHER DEBRIS WHICH MAY CLOG PIPES. ALL REGULAR MAINTENANCE ITEMS SHALL BE COMPLETED ACCORDING TO THE PROCEDURES OUTLINED ABOVE.
 - B. ROUTINE MAINTENANCE - TWO (2) ROUTINE MAINTENANCE EVENTS SHALL BE CONDUCTED ANNUALLY BY THE OWNER/OPERATOR. THE FIRST EVENT WILL OCCUR IN MARCH OR APRIL AFTER THE SNOW PACK HAS COMPLETELY MELTED, AND THE SECOND WILL OCCUR IN OCTOBER OR NOVEMBER AFTER ALL LEAVES HAVE FALLEN FROM THE TREES BUT PRIOR TO THE ONSET OF WINTER WEATHER CONDITIONS. ALL MAINTENANCE EVENTS SHALL BE CONDUCTED BY THE OWNER/OPERATOR. ANY PROBLEMS NOTED DURING THE MAINTENANCE EVENTS SHALL BE IMMEDIATELY CORRECTED IN ACCORDANCE WITH THE PROCEDURES DETAILED ABOVE.
 - C. INSPECTION TASKS - TWO (2) ANNUAL INSPECTIONS WILL BE CONDUCTED BY THE OWNER/OPERATOR FOR THE LIFE OF THE FACILITIES. THESE INSPECTIONS WILL BE FOR ALL ITEMS AS LISTED FOR THE ROUTINE MAINTENANCE EVENTS. ALL BASIS INSPECTIONS WILL ADHERE TO THE SPECIFIC CRITERIA NOTED ABOVE. ANY PROBLEMS NOTED DURING INSPECTIONS SHALL BE IMMEDIATELY CORRECTED INCLUDING ANY AND ALL ROUTINE MAINTENANCE ITEMS. A CONSULTING ENGINEER WILL BE CONTACTED IF THERE ARE ANY STRUCTURAL PROBLEMS DURING THE SCOPE OF ROUTINE MAINTENANCE.

GILMORE & ASSOCIATES, INC.
ENGINEERING & CONSULTING SERVICES
16 EAST BUTLER AVENUE, SUITE 100, NEW BRITAIN, CT 06053
TEL: (860) 944-5300 • WWW.GILMORE-ASSOC.COM

ONLY THOSE PLANS INCORPORATING THE PROFESSIONAL SEAL SHOULD BE CONSIDERED OFFICIAL AND RELIED UPON BY USER. THIS PLAN IS BEING REVISED FOR THE PROJECT. ANY CHANGES TO THIS PLAN HEREIN, MODIFICATION, REVISION, DUPLICATION OR USE, WITHOUT THE CONSENT OF GILMORE & ASSOCIATES, INC. IS PROHIBITED.
© COPYRIGHT 2020 GILMORE & ASSOCIATES, INC. ALL RIGHTS RESERVED



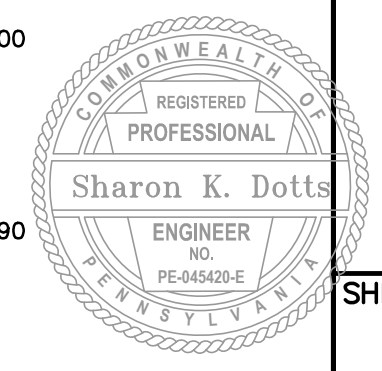
TAX MAP PARCEL NO.: 34-00-07732-00-7
BLOCK 003, UNIT 004
JOB NO.: 2009017
MUNICIPAL FILE NO.: XX
JOB NO.: 2009017
MUNICIPAL FILE NO.: XX
JOB NO.: 2009017
MUNICIPAL FILE NO.: XX

OWNER: FRANCONIA TOWNSHIP
671 ALLENTOWN ROAD
TELFORD, PA 18924
219-725-1137

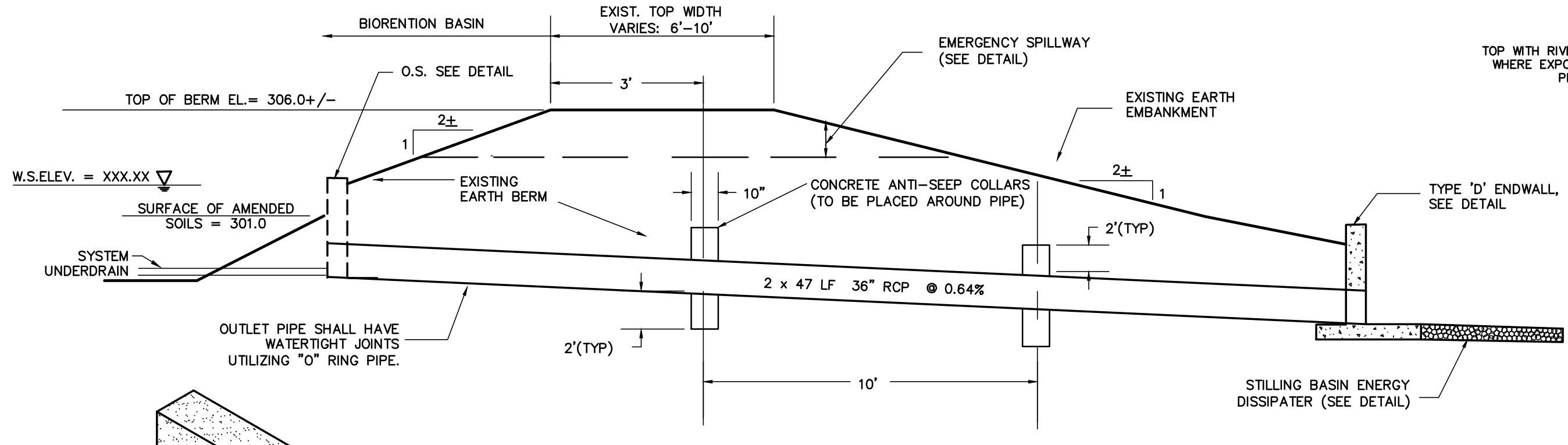
TOTAL AREA: 11.239 AC
DATE: 03/12/2021
SCALE: 1"=20'

PERMIT PLANS
CROSS SECTIONS THRU PCSM FACILITY
GODSHALL POND REHABILITATION
FRANCONIA TOWNSHIP, MONTGOMERY COUNTY, PENNSYLVANIA

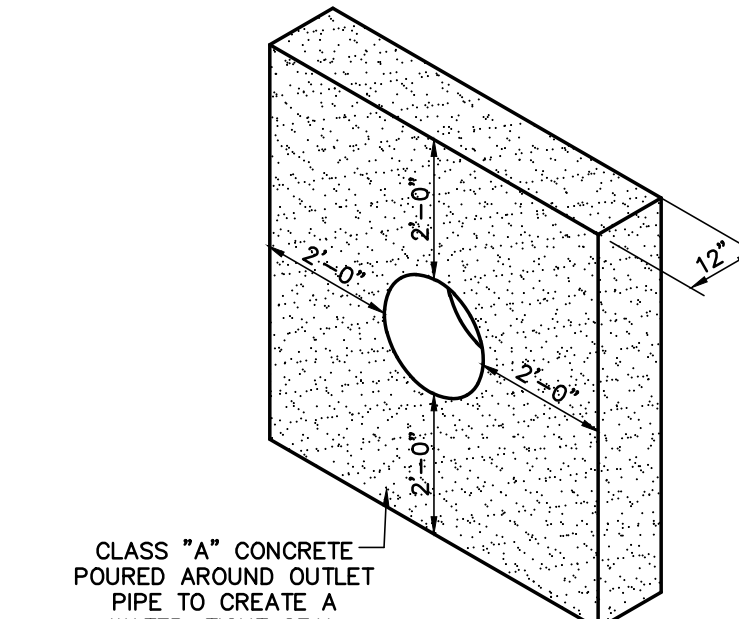
REV.	DATE	DESCRIPTION
1	10/14/21	REVISED PER WCD COMMENTS DATED 9/29/21
2		
3		



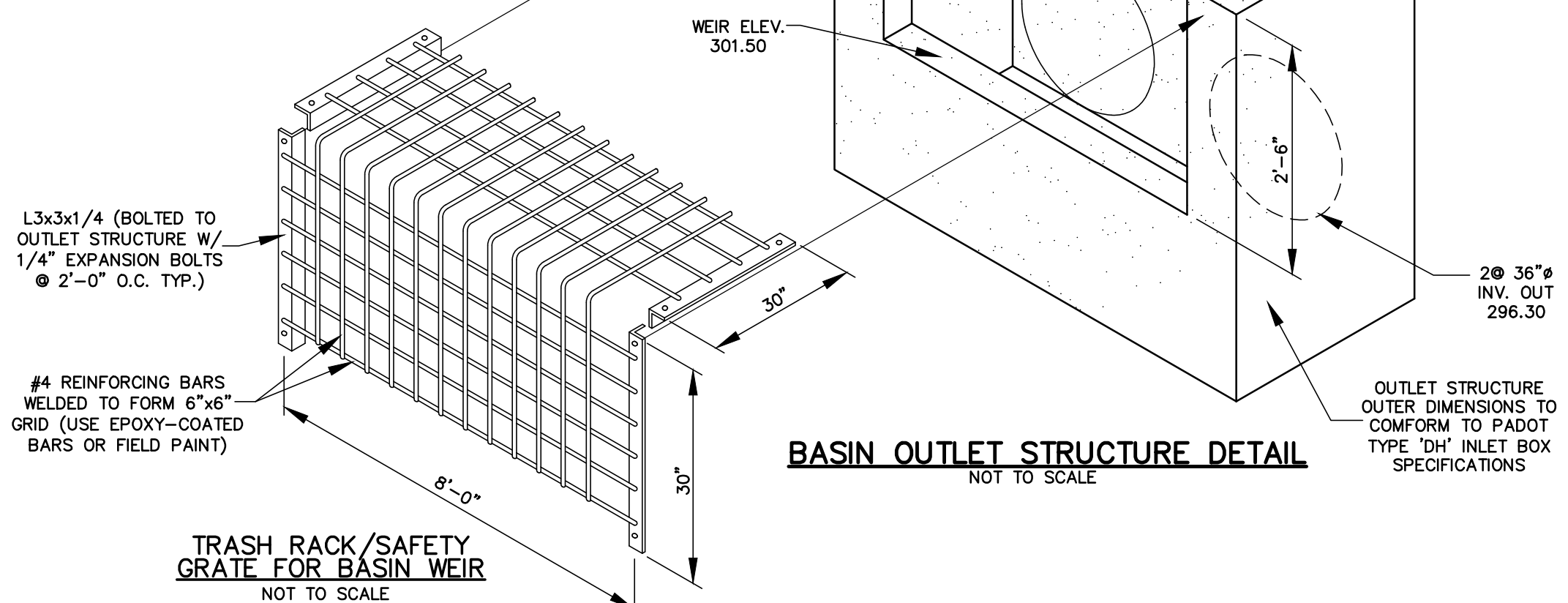
C:\MUNICIPAL\2020\2009017-FT_Eros_B_Godshall_Pond_CAD\Production Drawings\C-PROP.dwg Layout: 4 Plotted By: sadatts, on Thu, Oct 14, 2021 at 8:49am



SECTION THROUGH BIORETENTION BASIN OUTLET
NOT TO SCALE

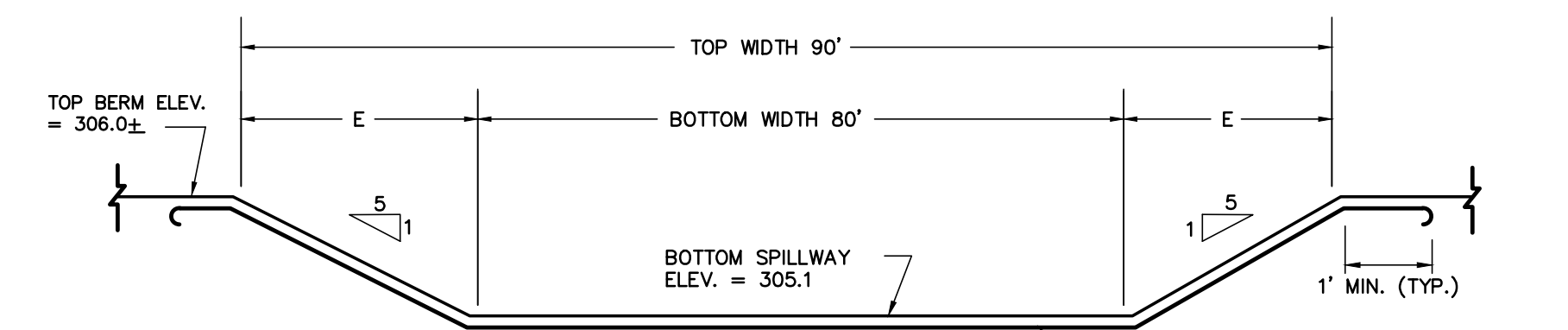


ANTI-SEEP COLLAR DETAIL
NOT TO SCALE



BASIN OUTLET STRUCTURE DETAIL
NOT TO SCALE

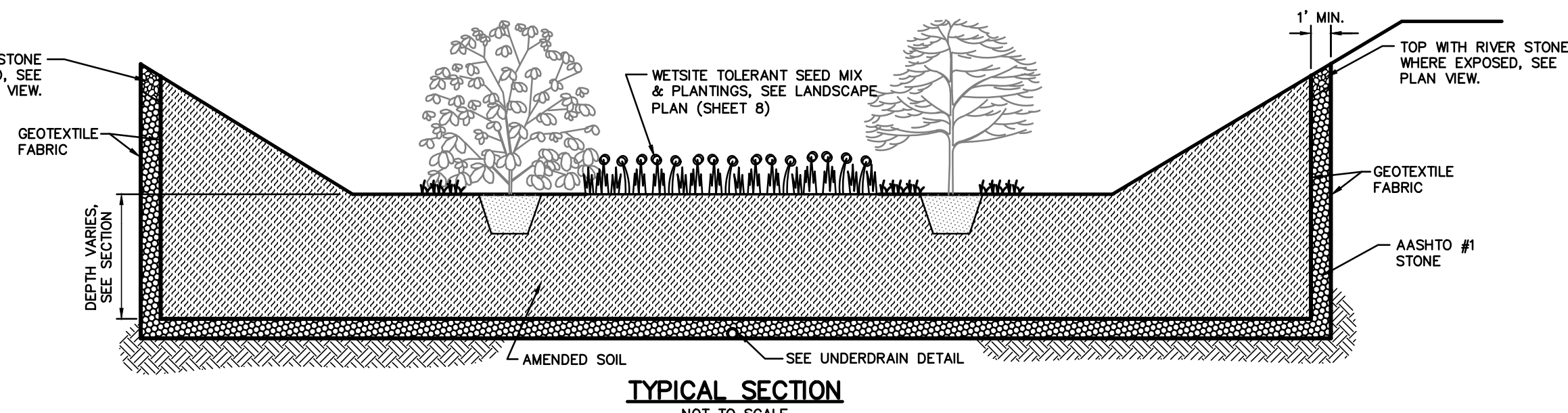
- NOTES:**
1. RECONFIGURE EXISTING BERM AT NARROWEST SECTION TO FORM SPILLWAY AT ELEVATION NOTED.
 2. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF LIME, FERTILIZER, AND SEED.
 3. BEGIN LNER 3' BELOW SPILLWAY ON INSIDE OF BASIN BY ANCHORING THE BLANKET IN A 12" DEEP BY 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
 4. ROLL CENTER BLANKET IN DIRECTION OF WATER FLOW OVER THE SPILLWAY AND TO THE TOE OF THE EMBANKMENT. PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH A 6" OVERLAP. USE A DOUBLE ROW OF STAGGERED STAPLES, 4" APART, TO SECURE BLANKETS.
 5. STAPLE LINER PER MANUFACTURER'S RECOMMENDED STAPLE PATTERN OVER ENTIRE WIDTH/LENGTH OF THE SPILLWAY.
 6. THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED IN A 12" DEEP BY 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
 7. HEAVY EQUIPMENT SHALL NOT CROSS OVER SPILLWAY WITHOUT PRECAUTIONS TAKEN TO PROTECT EROSION CONTROL LINING.
 8. DISPLACED LINER WITHIN THE SPILLWAY AND/OR ON THE EMBANKMENTS SHALL BE REPLACED IMMEDIATELY.
 9. R-5 RIPRAP ALONG TOE OF EMBANKMENT/EDGE OF STREAM SHALL BE EXTENDED A SUFFICIENT LENGTH IN BOTH DIRECTIONS TO PREVENT SCOUR.



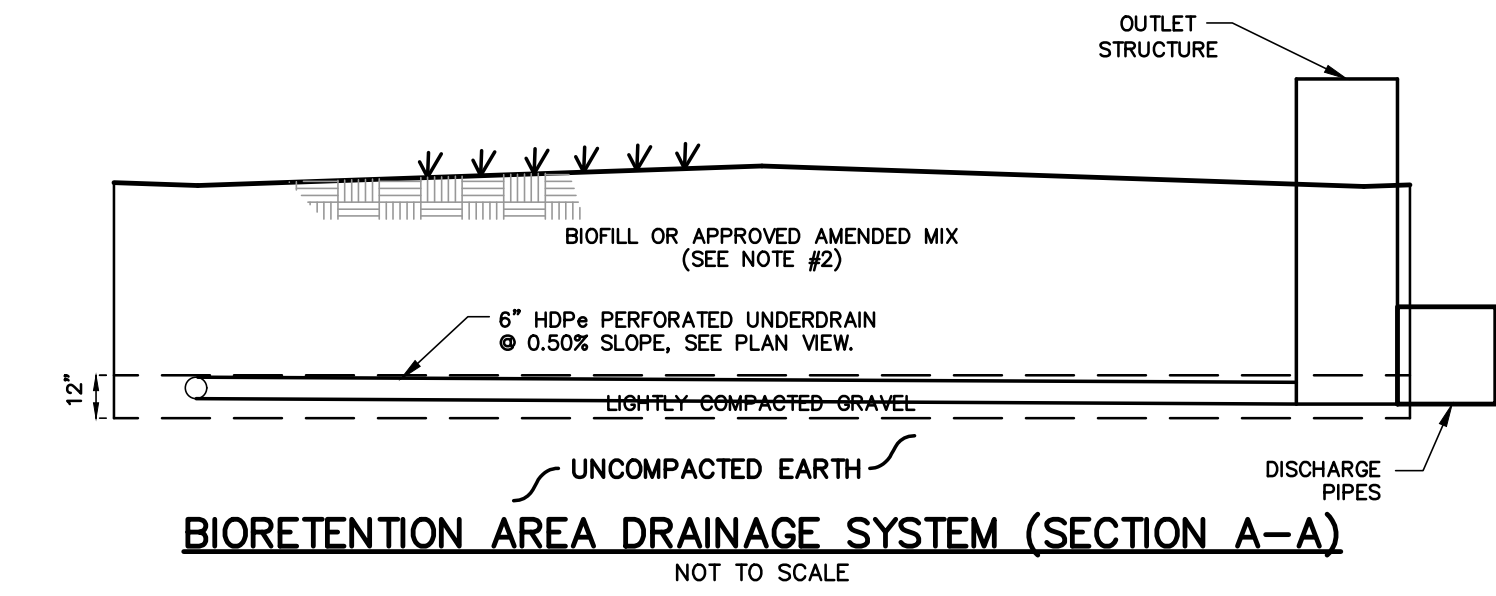
EMERGENCY SPILLWAY DETAIL
NOT TO SCALE

SOILS LEGEND AND TABLE OF LIMITATIONS & RESOLUTIONS BASED ON USDA-NRCS WEB SOIL SURVEY OF MONTGOMERY COUNTY								
SYMBOL	MAPPING UNITS	SLOPE	HYDRIC SOIL	HYDRO. GROUP	DEPTH TO		LIMITATIONS FOR CONSTRUCTION	RESOLUTION OF LIMITATIONS
					BEDROCK	WATER TABLE		
Abb	ABBOTTSTOWN SILT LOAM	3-8%	NO	D	48"-58"	0.5'-1.5'	VERY LIMITED: DEPTH TO SATURATED ZONE	HAVE BYPASS PUMP(S) & FILTER BAG(S) AVAILABLE. SEE DETAIL.
Bo	BOWMANSVILLE-KNAUERS SILT LOAMS	-	YES	C/D	> 65"	0.0'-1.5'	VERY LIMITED: DEPTH TO SATURATED ZONE	HAVE BYPASS PUMP(S) & FILTER BAG(S) AVAILABLE. SEE DETAIL.
KIB	KLINESVILLE VERY CHANNERY SILT LOAM	3-8%	NO	D	19"-23"	> 6'	VERY LIMITED: DEPTH TO SOFT BEDROCK	RIPPING, HOE-RAMMING, AND/OR BLASTING OF ROCK MAY BE NEEDED. COMPLY WITH ALL REGULATIONS.
LaD	LANSDALE LOAM	15-25%	NO	B	46"-50"	> 6'	VERY LIMITED: SLOPE	MINIMIZE SLOPE DISTURBANCE AND STABILIZE IMMEDIATELY.
RhB	REAVILLE SILT LOAM	3-8%	NO	D	32"-42"	0.5'-3.0'	SOMEWHAT LIMITED: DEPTH TO SATURATED ZONE	HAVE BYPASS PUMP(S) & FILTER BAG(S) AVAILABLE. SEE DETAIL.
RhC	REAVILLE SILT LOAM	8-15%	NO	D	32"-42"	0.5'-3.0'	VERY LIMITED: DEPTH TO SATURATED ZONE, WATER EROSION, SLOPE	HAVE BYPASS PUMP(S) & FILTER BAG(S) AVAILABLE. SEE DETAIL. USE OF EROSION-RESISTANT VEGETATION AND SLOPE STABILIZATION METHODS. MINIMIZE SLOPE DISTURBANCE AND STABILIZE IMMEDIATELY.

THERE ARE NO GEOLOGIC FORMATIONS OR SOIL CONDITIONS WITH THE POTENTIAL TO CAUSE POLLUTION TO SURFACE WATER OTHER THAN AS NOTED ABOVE IN SOILS TABLE.

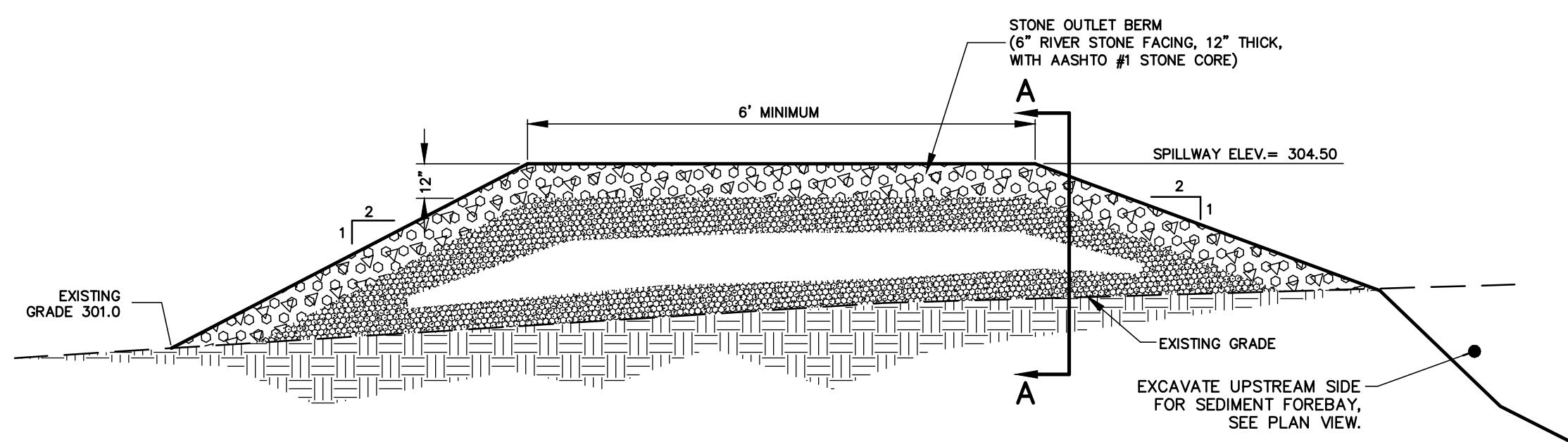


TYPICAL SECTION
NOT TO SCALE

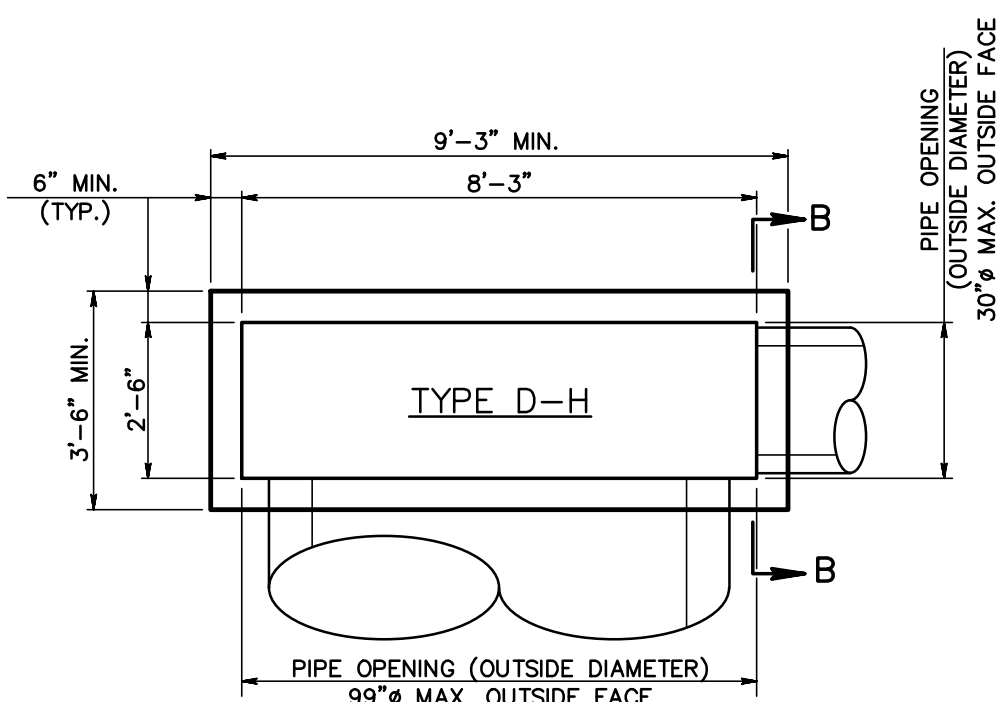


BIORETENTION AREA DRAINAGE SYSTEM (SECTION A-A)
NOT TO SCALE

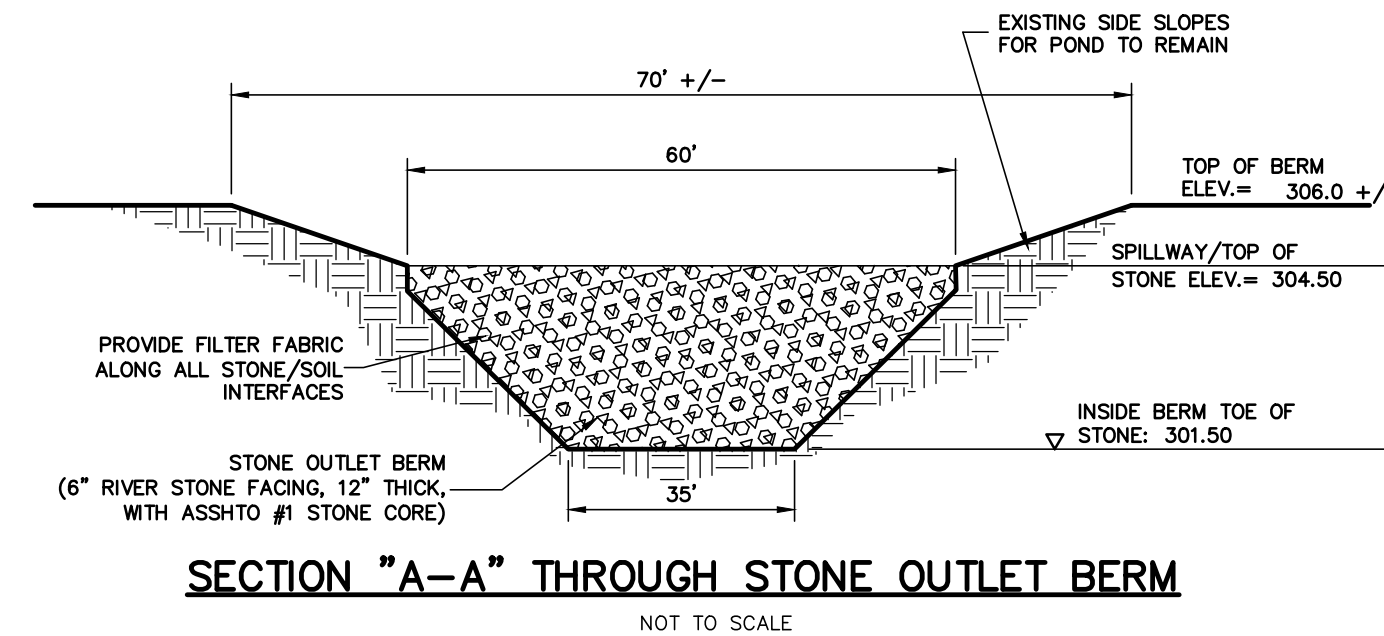
RIVER STONE MAY BE REPLACED WITH STANDARD QUARRY STONE OF EQUIVALENT SIZE AT DISCRETION OF FRANCONIA TOWNSHIP.



SECTION THROUGH STONE BERM BETWEEN FOREBAY & BASIN
NOT TO SCALE



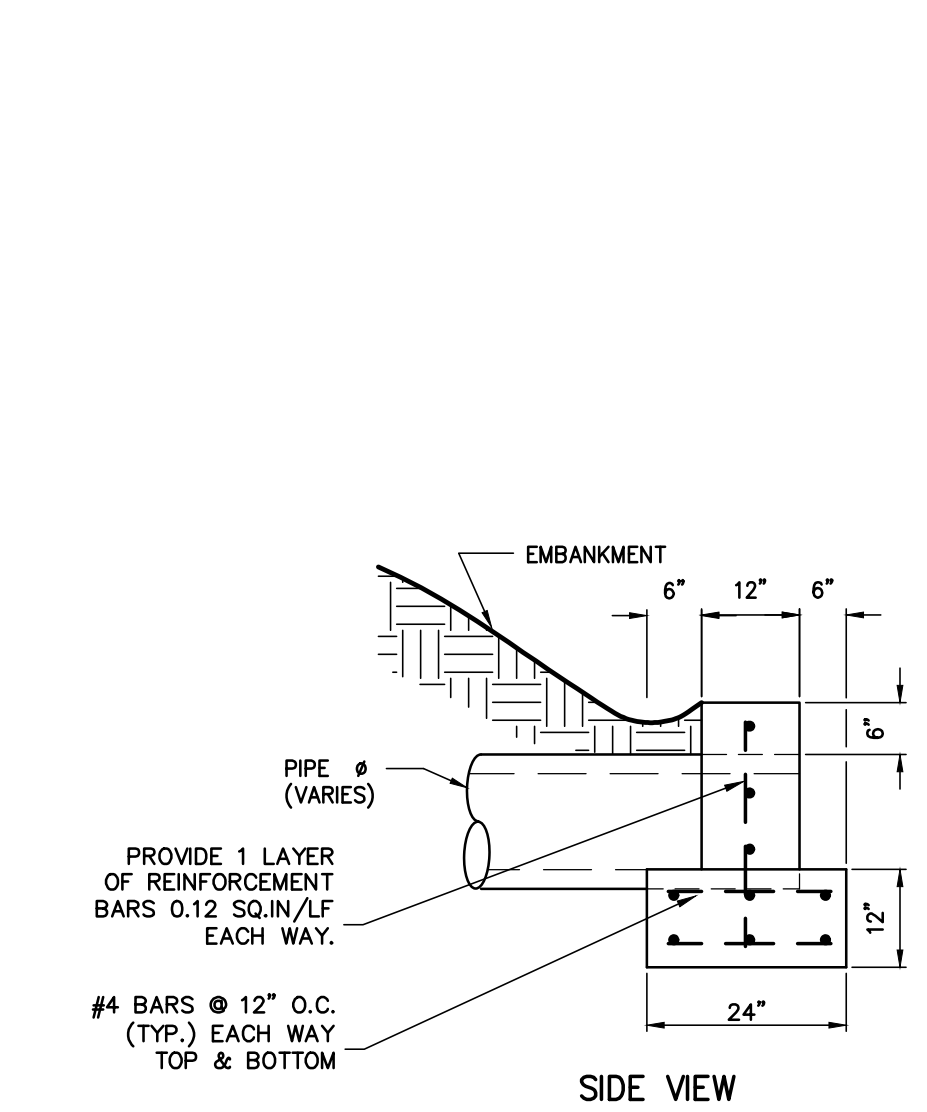
PRECAST CONCRETE INLET BOX-TYPE DH
NOT TO SCALE



SECTION 'A-A' THROUGH STONE OUTLET BERM
NOT TO SCALE

NOTE: REFER TO "COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION, BUREAU OF DESIGN, STANDARDS FOR ROADWAY CONSTRUCTION", PAGE RC-46M, LATEST ISSUE, FOR NOTES AND SPECIFICATIONS REGARDING PRECAST INLET BOX CONSTRUCTION.

PRECAST CONCRETE INLET BOX-TYPE DH
NOT TO SCALE



PENNDOT TYPE D ENDWALL
NOT TO SCALE

AMENDED SOIL SPECIFICATIONS

1. COVER THE FLOOR OF THE EXISTING POND WITH 12" OF PEA GRAVEL, INCORPORATING UNDERDRAIN PER PLAN VIEW. WRAP STONE WITH GEOTEXTILE FABRIC.
2. FILL THE BIORETENTION AREA WITH LIGHTLY COMPACTED PLANTING SOIL (BIOTILL) OR APPROVED AMENDED MIX. THE AMENDED SOIL MAY BE CREATED BY MIXING EQUAL PARTS SAND, TOPSOIL, AND COMPOST MATERIAL. COMPOST MATERIAL SHALL BE WEEF FREE COMPOST DERIVED FROM WELL-DECOMPOSED ORGANIC MATTER. COMPOST SHALL BE PRODUCED USING AEROBIC COMPOSTING PROCESS MEETING CFR 503 REGULATIONS.
3. AMENDED SOIL MIXTURE SHALL BE CLASSIFIED AS A SANDY LOAM, LOAMY SAND OR LOAM PER USDA TEXTURAL ANALYSIS. THE SPECIFIC CHARACTERISTICS/PARAMETERS LISTED BELOW MUST BE PROVIDED FOR ALL FACILITIES USING AMENDED SOILS. A SOIL ANALYSIS OF THE MANUFACTURED SOIL SHALL BE PERFORMED TO VERIFY THAT THE SOILS MEET THE BELOW SPECIFICATIONS:

pH RANGE	5.2 TO 7.0
ORGANIC MATTER	4 TO 10%
MAGNESIUM	35 LBS PER ACRE, MINIMUM
PHOSPHORUS (P205)	75 LBS PER ACRE, MINIMUM
POTASSIUM (K2O)	85 LBS PER ACRE, MINIMUM
SOLUBLE SALTS	<= 500 ppm
CLAY	<= 10%
SILT	15 TO 40%
SAND	50 TO 75%
GRAVEL	<= 10%
4. THE AMENDED SOIL MIXTURE SHALL BE FREE OF STONES, STUMPS, ROOTS OR OTHER WOODY MATERIAL OVER 1/2" IN DIAMETER. BRUSH OR SEEDS FROM NOXIOUS WEEDS SHALL NOT BE PRESENT IN THE SOIL.
5. PLACEMENT OF THE SOIL SHALL BE IN 12" TO 18" LIFTS, LOOSELY COMPACTED. THE AMENDED SOIL MATERIAL SHALL BE AT AN OPTIMAL MOISTURE CONTENT PRIOR TO INSTALLATION IN ANY PROPOSED FACILITY IN ORDER TO PROVIDE A UNIFORM MIXTURE.
6. GRAVEL PORTION OF THE AMENDED SOIL MIXTURE SHALL BE LESS THAN 10% AND SHALL BE LESS THAN 1/2" IN SIZE.
7. IF SAND IS TO BE ADDED TO AMENDED SOIL MIXTURE TO RAISE THE SAND CONTENT, THE SAND SHALL MEET ASTM C-33, CONCRETE SAND, REQUIREMENTS. SCREENINGS ARE NOT TO BE USED IN LIEU OF SAND.
8. TEST RESULTS OF THE AMENDED SOIL SAMPLES SHALL CONFORM TO THE SPECIFICATIONS OUTLINED ABOVE AND BE FORWARDED DIRECTLY TO THE CONTRACTOR AND DESIGN ENGINEER FOR APPROVAL PRIOR TO PLACEMENT WITHIN THE FACILITY. THE MUNICIPAL AGENCY SHALL BE FORWARDED A COPY OF THE TEST RESULTS WHEN APPLICABLE.
9. CONFIRMATION TESTING OF THE IN-PLACE AMENDED SOIL MATERIAL SHALL BE PERFORMED AS REQUIRED BY STATE OR LOCAL ORDINANCE. THE AMENDED SOIL MATERIAL SHALL HAVE A MINIMUM SURFACE INFILTRATION RATE OF 0.5 INCHES PER HOUR, UNLESS SPECIFIED ELSEWHERE.
10. MULCH MAT OR COCONUT FIBER MAT SHALL BE SPREAD ONCE TREES AND SHRUBS HAVE BEEN PLANTED. ANY GROUND COVER SPECIFIED AS PLUGS MAY BE INSTALLED ONCE MULCH MAT HAS BEEN APPLIED.

PLANTING NOTES

ALL PLANT VARIETIES HAVE BEEN CHOSEN FOR ABILITY TO TOLERATE AND THRIVE IN WET SITE CONDITIONS. PLANTINGS OF THE PROPOSED TYPES WILL CREATE BOTH POSITIVE ECOLOGICAL AND AESTHETIC BENEFITS.
PLANTS SHALL BE LAID OUT TO ALLOW FOR NATURALIZING OF SPACE DESIGNATED FOR BIORETENTION AS SHOWN ON LANDSCAPE PLAN.

SEQUENCE OF CONSTRUCTION:

ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING SEQUENCE. EACH STAGE SHALL BE COMPLETED BEFORE ANY FOLLOWING STAGE IS INITIATED, UNLESS NOTED OTHERWISE. CLEARING AND GRUBBING SHALL BE LIMITED ONLY TO THOSE AREAS DESCRIBED IN EACH STAGE.

1. AT LEAST 7 DAYS PRIOR TO START OF WORK OR EARTH DISTURBANCE ACTIVITIES, A PRECONSTRUCTION MEETING SHALL BE HELD INCLUDING THE OWNER, SITE CONTRACTOR, TOWNSHIP ENGINEER, COUNTY CONSERVATION DISTRICT, THE PLAN DESIGNER, AND THE LICENSED PROFESSIONAL RESPONSIBLE FOR OVERSIGHT OF PCSWM INSTALLATION.
1. INSTALL TEMPORARY STONE TIRE CLEANER AS SHOWN AND WHERE INDICATED ON PLAN.
2. POND SHALL BE FULLY EMPTIED FOR THE PROPOSED WORK.
 - A. DRAW OFF SHALL BE BY ONE OF THE FOLLOWING METHODS AT CONTRACTOR'S OPTION:
 - PORTABLE PUMP
 - OTHER METHODS PROPOSED BY CONTRACTOR WILL BE CONSIDERED ON A CASE BY CASE BASIS
 - B. CARE SHALL BE TAKEN DURING DRAW DOWN PROCEDURE TO PROTECT AQUATIC LIFE AND MINIMIZE DISTURBANCE TO THE POND SEDIMENTS.
 - C. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING DRY CONDITIONS DURING EXECUTION OF THE WORK BY METHODS NOTED ABOVE.
3. CLEAR AND GRUB BILDSIDE FOR SEDIMENT. WORK MAY PROCEED CONCURRENTLY WITH POND DRAW-DOWN.
4. INSTALL COMPOST SOCK BERMS FOR SEDIMENT DEWATERING. THIS MAY PROCEED CONCURRENTLY WITH POND DRAW-DOWN.
5. REMOVE SEDIMENT FROM POND AREA AND TRANSFER TO STORAGE AREAS OF COMPOST SOCK BERMS.
 - A. SEDIMENT AREAS SHALL BE CHECKED PERIODICALLY AND THE MATERIAL "TURNED" AS NEEDED TO FACILITATE THE DEWATERING PROCESS.
 - B. IF ANY BERM IS DISTURBED, IT SHOULD BE REPAIRED IMMEDIATELY.
 - C. ONCE THE MOISTURE CONTENT IN THE SEDIMENT IS AT OPTIMUM, MATERIAL SHALL BE SPREAD OVER THE SLOPE TO PROPOSED GRADES SHOWN. COMPOST SOCKS MAY BE SPLIT AND INCORPORATED INTO THE SOILS DURING THE GRADING.
6. AFTER THE SEDIMENT HAS BEEN REMOVED FROM THE POND, PROPOSED RETROFIT SHALL BE EXECUTED IN ACCORDANCE WITH PLANS AND DETAILS.
 - A. IMPROVE DIVERSION CHANNEL FROM STREAM TO FACILITY AS SHOWN AT THE UPSTREAM END.
 - B. EXCAVATE SEDIMENT FOREBAY TO DEPTH SHOWN ON PLANS. INSTALL STONE FILTER BERM PER DETAILS BETWEEN FOREBAY AND REMAINING PORTION OF FACILITY.
 - C. EXCAVATED MATERIAL MAY BE USED TO GRADE SLOPE ALONG WITH DRIED SEDIMENT.
 - D. COMPLETE REMAINING IMPROVEMENTS TO FACILITY INCLUDING OUTLET STRUCTURE, DISCHARGE PIPES, UNDERDRAIN & STONE BASE, SPILLWAY IMPROVEMENTS, AND AMENDED SOILS.
 - E. INSTALL LANDSCAPING IN ACCORDANCE WITH PLANS AND DETAILS.
7. REPLACE EXISTING STORM CULVERT WITH STORM SEWER SYSTEM IN ACCORDANCE WITH PLAN, PROFILE, AND DETAILS. ERODED CHANNEL SHALL BE GRADED TO FOR UNIFORM SLOPE UPON TRENCH RESTORATION. THIS WORK MAY PROCEED CONCURRENTLY WITH BASIN RETROFIT.
8. AS LAWN AREAS ARE BROUGHT TO GRADE, THEY SHALL BE SCRIFIED TO A MINIMUM DEPTH OF 5-12" THEN PROVIDED WITH A MINIMUM OF 8" TOPSOIL AND SEEDED IMMEDIATELY. ALL VEGETATED AREAS SHALL BE STABILIZED WITH VEGETATION AND MULCH AS SOON AS POSSIBLE.
9. AFTER THE SITE HAS BEEN STABILIZED, ALL TEMPORARY E&S CONTROLS SHALL BE REMOVED.
 - A. ALL ACCUMULATED SEDIMENTS SHALL BE DISPOSED OF IN APPROVED UPLAND AREAS.
 - B. STABILIZATION SHALL BE CONSIDERED THE PLACEMENT OF BASE COURSE IN PAVED AREAS OR BY 75% OR MORE VEGETATION, UNIFORM COVERAGE IN LAWN AREAS OR BY OTHER PERMANENT MEANS WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING AND OTHER MOVEMENTS.
 - C. AREAS DISTURBED DURING THE REMOVAL OF Bmps SHALL BE STABILIZED IMMEDIATELY.
 - D. NOTICE OF TERMINATION AND ASSOCIATED PAPERWORK SHALL BE FILED WITH CONSERVATION DISTRICT.

GILMORE & ASSOCIATES, INC.
ENGINEERING & CONSULTING SERVICES

16 EAST BUTLER AVENUE, SUITE 100, NEW BRITAIN, PA 17053-3430 • WWW.GILMORE-INC.COM

ONLY THOSE PLANS INCORPORATING THE PROFESSIONAL SEAL SHOULD BE CONSIDERED OFFICIAL AND RELIED UPON BY USER. THIS PLAN IS THE PROPERTY OF GILMORE & ASSOCIATES, INC. NO PART OF THIS HEREIN, MODIFICATION, REVISION, DUPLICATION OR USE, WITHOUT THE CONSENT OF GILMORE & ASSOCIATES, INC. IS PROHIBITED.

© COPYRIGHT 2020 GILMORE & ASSOCIATES, INC. ALL RIGHTS RESERVED.

JOB NO.: 2009017

TAX MAP PARCEL NO.: 34-00-07732-00-7

MUNICIPAL FILE NO.: BLOCK 003, UNIT 004

OWNER: FRANCONIA TOWNSHIP
671 ALLENTOWN ROAD
TELEFORD, PA 18924
219-723-1137

PERMIT PLANS

PCSWM BIORETENTION DETAILS

GODSHALL POND REHABILITATION

FRANCONIA TOWNSHIP, MONTGOMERY COUNTY, PENNSYLVANIA

DESIGNED BY: SKD

DRAWN BY: XX

CHECKED BY: DCR

DATE: 03/12/2021

SCALE: 1"=20'

TOTAL AREA: 11.239 AC

TOTAL LOT: 1

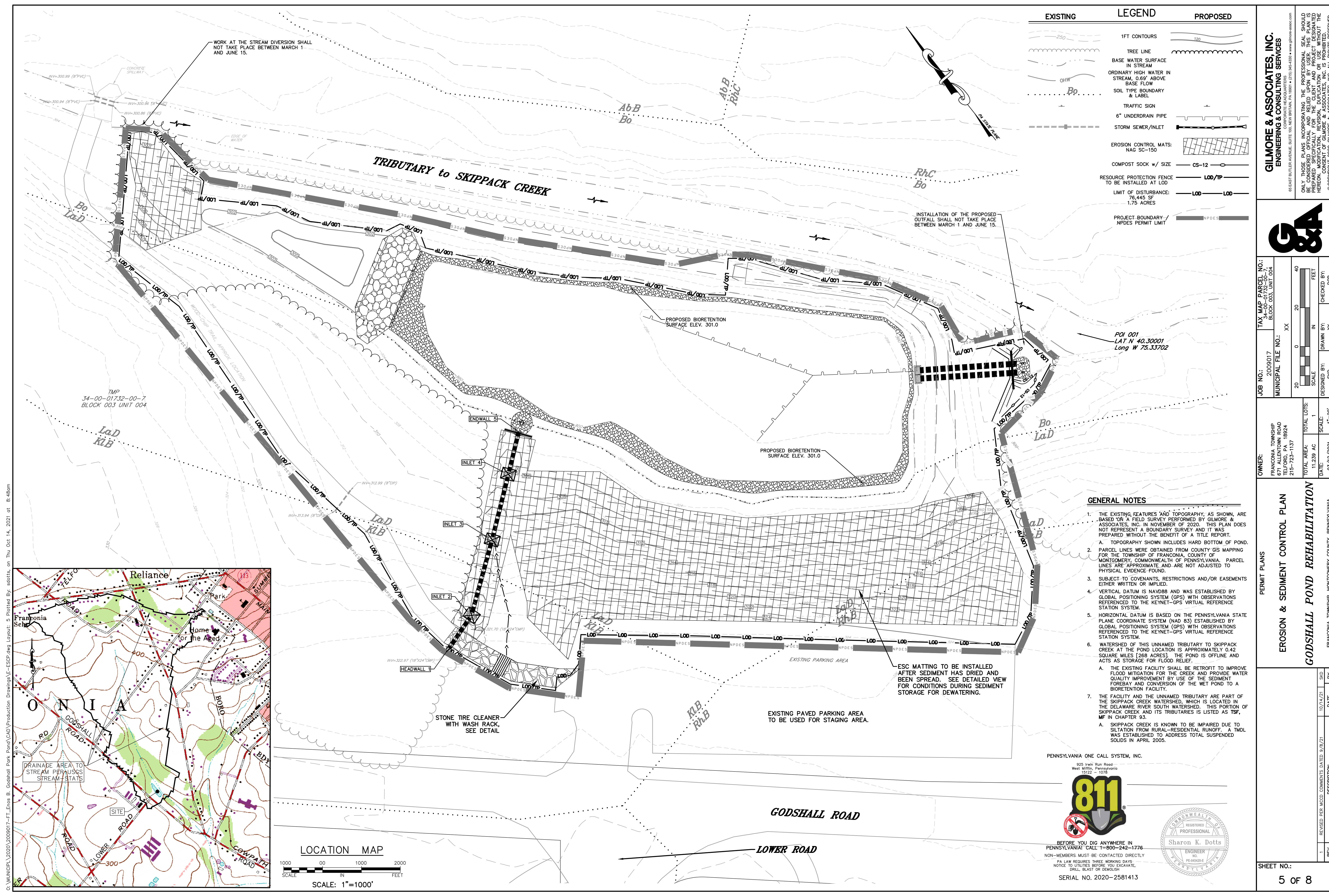
REV. 1

REVISED PER WCD COMMENTS DATED 9/9/21

DATE: 10/14/21

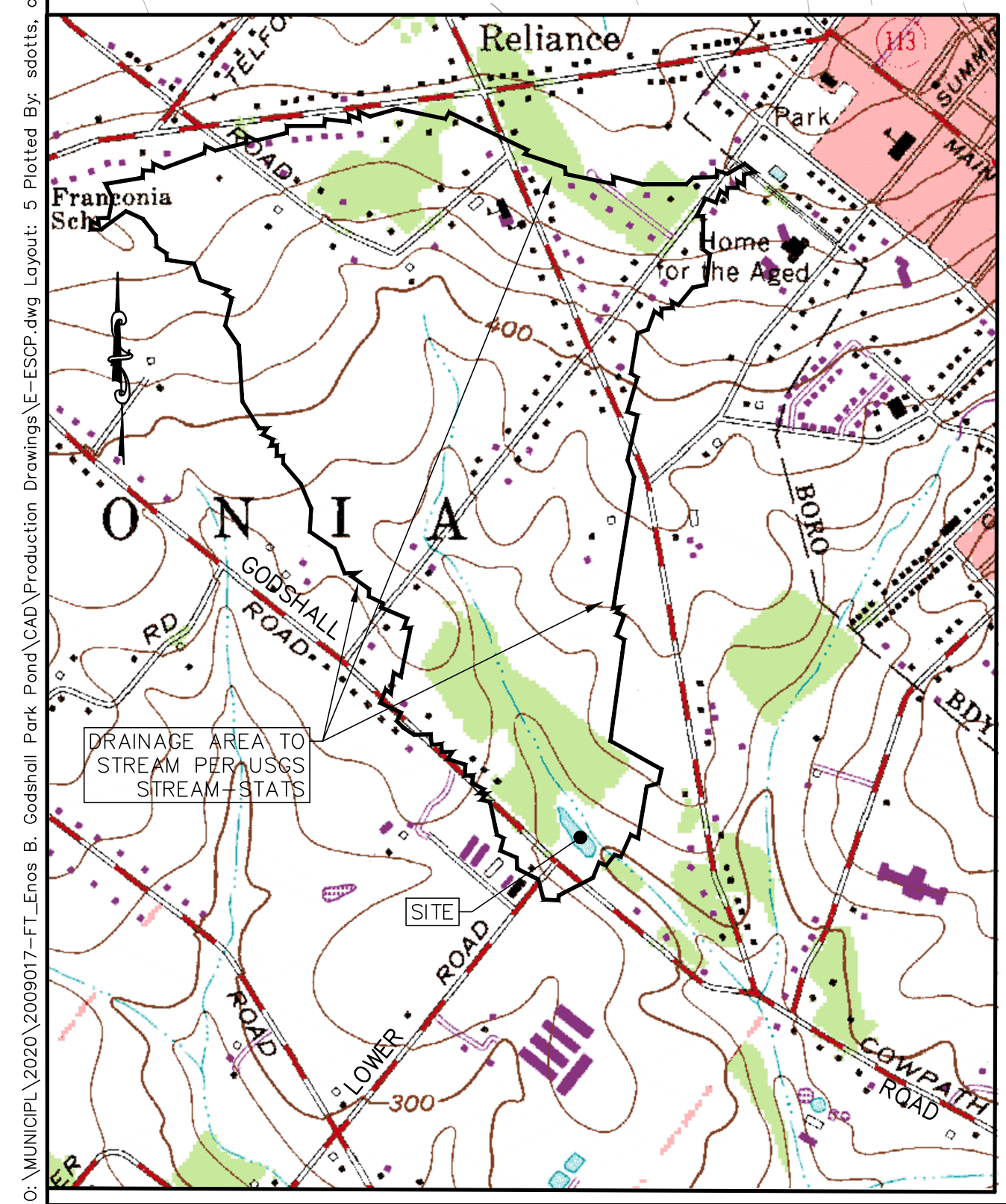
BY: SKD

SHEET NO.: 4 OF 8



EXISTING	LEGEND	PROPOSED
	1FT CONTOURS	
	TREE LINE	
	BASE WATER SURFACE IN STREAM	
	ORDINARY HIGH WATER IN STREAM, 0.69' ABOVE BASE FLOW	
	SOIL TYPE BOUNDARY & LABEL	
	TRAFFIC SIGN	
	6" UNDERDRAIN PIPE	
	STORM SEWER/INLET	
	EROSION CONTROL MATS: NAG SC-150	
	COMPOST SOCK W/ SIZE: CS-12	
	RESOURCE PROTECTION FENCE TO BE INSTALLED AT LOD	
	LIMIT OF DISTURBANCE: 76,445 SF 1.75 ACRES	
	PROJECT BOUNDARY / NPDES PERMIT LIMIT	

- GENERAL NOTES**
- THE EXISTING FEATURES AND TOPOGRAPHY, AS SHOWN, ARE BASED ON A FIELD SURVEY PERFORMED BY GILMORE & ASSOCIATES, INC. IN NOVEMBER OF 2020. THIS PLAN DOES NOT REPRESENT A BOUNDARY SURVEY AND IT WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT.
 - TOPOGRAPHY SHOWN INCLUDES HARD BOTTOM OF POND.
 - PARCEL LINES WERE OBTAINED FROM COUNTY GIS MAPPING FOR THE TOWNSHIP OF FRANCONIA, COUNTY OF MONTGOMERY, COMMONWEALTH OF PENNSYLVANIA. PARCEL LINES ARE APPROXIMATE AND ARE NOT ADJUSTED TO PHYSICAL EVIDENCE FOUND.
 - SUBJECT TO COVENANTS, RESTRICTIONS AND/OR EASEMENTS EITHER WRITTEN OR IMPLIED.
 - VERTICAL DATUM IS NAVD88 AND WAS ESTABLISHED BY GLOBAL POSITIONING SYSTEM (GPS) WITH OBSERVATIONS REFERENCED TO THE KEYNET-GPS VIRTUAL REFERENCE STATION SYSTEM.
 - HORIZONTAL DATUM IS BASED ON THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM (NAD 83) ESTABLISHED BY GLOBAL POSITIONING SYSTEM (GPS) WITH OBSERVATIONS REFERENCED TO THE KEYNET-GPS VIRTUAL REFERENCE STATION SYSTEM.
 - WATERSHED OF THIS UNNAMED TRIBUTARY TO SKIPPACK CREEK AT THE POND LOCATION IS APPROXIMATELY 0.42 SQUARE MILES [268 ACRES]. THE POND IS OFFLINE AND ACTS AS STORAGE FOR FLOOD RELIEF.
 - THE EXISTING FACILITY SHALL BE RETROFIT TO IMPROVE FLOOD MITIGATION FOR THE CREEK AND PROVIDE WATER QUALITY IMPROVEMENT BY USE OF THE SEDIMENT FOREBAY AND CONVERSION OF THE WET POND TO A BIORETENTION FACILITY.
 - THE FACILITY AND THE UNNAMED TRIBUTARY ARE PART OF THE SKIPPACK CREEK WATERSHED, WHICH IS LOCATED IN THE DELAWARE RIVER SOUTH WATERSHED. THIS PORTION OF SKIPPACK CREEK AND ITS TRIBUTARIES IS LISTED AS TSP, MF IN CHAPTER 83.
 - SKIPPACK CREEK IS KNOWN TO BE IMPAIRED DUE TO SILTATION FROM RURAL-RESIDENTIAL RUNOFF. A TMDL WAS ESTABLISHED TO ADDRESS TOTAL SUSPENDED SOLIDS IN APRIL 2005.



GILMORE & ASSOCIATES, INC.
ENGINEERING & CONSULTING SERVICES

16 EAST BUTLER AVENUE, SUITE 100, NEW BRUNSWICK, NJ 08901-3430 • P: 908.344.5300 • www.gilmore-inc.com

ONLY THOSE PLANS INCORPORATING THE PROFESSIONAL SEAL SHOULD BE CONSIDERED OFFICIAL AND RELIED UPON BY USER. THIS PLAN IS THE PROPERTY OF GILMORE & ASSOCIATES, INC. NO REPRODUCTION, MODIFICATION, REVISION, DUPLICATION OR USE, WITHOUT THE CONSENT OF GILMORE & ASSOCIATES, INC. IS PROHIBITED. © COPYRIGHT 2020 GILMORE & ASSOCIATES, INC. ALL RIGHTS RESERVED.

G&A

JOB NO.: 2009017	TAX MAP PARCEL NO.: 34-00-01732-00-7	BLOCK 003, UNIT 004
MUNICIPAL FILE NO.: 2009017	XX	XX
OWNER: FRANCONIA TOWNSHIP 671 ALLENTOWN ROAD TELFORD, PA 18924 215-725-1137	TOTAL AREA: 11.239 AC	TOTAL LOTS: 1
DATE: 03/12/2021	SCALE: 1"=20'	SCALE: 1"=20'
DESIGNED BY: SKD	DRAWN BY: XX	CHECKED BY: DCR

PERMIT PLANS

EROSION & SEDIMENT CONTROL PLAN

GODSHALL POND REHABILITATION

FRANCONIA TOWNSHIP, MONTGOMERY COUNTY, PENNSYLVANIA

REV.	DESCRIPTION	DATE	BY
1	REVISED PER WCD COMMENTS DATED 9/9/21	10/14/21	SKD

REVISIONS:

BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA CALL 1-800-242-1776
NON-MEMBERS MUST BE CONTACTED DIRECTLY
PA LAW REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL, BLAST OR DEMOLISH

SERIAL NO. 2020-2581413

811

Sharon K. Dotts
REGISTERED PROFESSIONAL ENGINEER
NO. RE-65404-E

PENNSYLVANIA ONE CALL SYSTEM, INC.
925 Irwin Run Road
West Mifflin, Pennsylvania
15122 - 1078

SCALE: 1"=1000'

SCALE: 1"=2000'

SCALE: 1"=1000'

SHEET NO.: 5 of 8

SOILS LEGEND AND TABLE OF LIMITATIONS & RESOLUTIONS BASED ON USDA-NRCS WEB SOIL LIMITATIONS OF MONTGOMERY COUNTY								
SYMBOL	MAPPING UNITS	SLOPE	HYDRIC SOIL GROUP	HYDRO. GROUP	DEPTH TO BEDROCK		LIMITATIONS FOR CONSTRUCTION	RESOLUTION OF LIMITATIONS
					WATER TABLE	WATER TABLE		
Abb	ABBOTTSTOWN SILT LOAM	3-8%	NO	D	48"-58"	0.5'-1.5'	VERY LIMITED: DEPTH TO SATURATED ZONE	HAVE BYPASS PUMP(S) & FILTER BAG(S) AVAILABLE. SEE DETAIL.
Bo	BOWMANSVILLE-KNAUERS SILT LOAMS	-	YES	C/D	> 65"	0.0'-1.5'	VERY LIMITED: DEPTH TO SATURATED ZONE	HAVE BYPASS PUMP(S) & FILTER BAG(S) AVAILABLE. SEE DETAIL.
KIB	KLINESVILLE VERY CHANNERY SILT LOAM	3-8%	NO	D	19"-23"	> 6'	VERY LIMITED: DEPTH TO SOFT BEDROCK	RIPPING, HOE-RAMMING, & HOUR BLASTING OF ROCK MAY BE NEEDED. COMPLY WITH ALL REGULATIONS.
LaD	LANSDALE LOAM	15-25%	NO	B	46"-50"	> 6'	VERY LIMITED: SLOPE	MINIMIZE SLOPE DISTURBANCE AND STABILIZE IMMEDIATELY.
RhB	REAVILLE SILT LOAM	3-8%	NO	D	32"-42"	0.5'-3.0'	SOMEWHAT LIMITED: DEPTH TO SATURATED ZONE	HAVE BYPASS PUMP(S) & FILTER BAG(S) AVAILABLE. SEE DETAIL.
RhC	REAVILLE SILT LOAM	8-15%	NO	D	32"-42"	0.5'-3.0'	VERY LIMITED: DEPTH TO SATURATED ZONE, WATER EROSION, SLOPE	HAVE BYPASS PUMP(S) & FILTER BAG(S) AVAILABLE. SEE DETAIL. USE OF EROSION-RESISTANT VEGETATION AND SLOPE STABILIZATION METHODS TO MINIMIZE SLOPE DISTURBANCE AND STABILIZE IMMEDIATELY.

THERE ARE NO GEOLOGIC FORMATIONS OR SOIL CONDITIONS WITH THE POTENTIAL TO CAUSE POLLUTION TO SURFACE WATER OTHER THAN AS NOTED ABOVE IN SOILS TABLE.

MATERIAL RECYCLING/DISPOSAL REQUIREMENTS:

- PROCEDURES WHICH ENSURE THAT THE PROPER MEASURES FOR THE RECYCLING OR DISPOSAL OF MATERIALS ASSOCIATED WITH OR FROM THE PROJECT SITE WILL BE UNDERTAKEN IN ACCORDANCE WITH DEP'S SOLID WASTE MANAGEMENT REGULATIONS, AND/OR ANY ADDITIONAL LOCAL, STATE OR FEDERAL REGULATIONS. NO BUILDING MATERIALS (USED OR UNUSED) OR WASTE MATERIALS SHALL BE BURNED, BURIED, DUMPED OR DISCHARGED AT THE SITE.
- THE OPERATOR SHALL REMOVE FROM THIS SITE, RECYCLE, OR DISPOSE OF ALL BUILDING MATERIALS AND WASTES IN ACCORDANCE WITH THE DEPARTMENT'S SOLID WASTE MANAGEMENT REGULATIONS AT 25 PA. CODE 2801.1 ET SEQ., 2711.1 ET SEQ. THE CONTRACTOR SHALL NOT ILLEGALLY BURY, DUMP, OR DISCHARGE ANY BUILDING MATERIAL OR WASTES AT THIS SITE.
- THE FOLLOWING MATERIALS ARE ANTICIPATED TO BE CONSTRUCTION WASTE: EARTH, ACCUMULATED SEDIMENT, AND ESC MATERIALS INCLUDING STONE AND COMPOST.

THERMAL IMPACT CONSIDERATIONS

- THERMAL IMPACTS ARE BEING REDUCED BY THIS PROJECT IN SEVERAL WAYS:
- BY CONVERTING THE FLOOD RELIEF FACILITY TO BIORETENTION, THERE WILL NO LONGER BE A PERMANENT POOL OF WATER. POOLED WATER CONTRIBUTES TO THERMAL POLLUTION WHEN THE SURFACE IS WARMED BY THE SUN THEN IS DISCHARGED INTO THE STREAM.
 - THERMAL IMPACTS TO THE STREAM FLOW WHICH IS DIVERTED INTO THE FACILITY WILL BE DISSIPATED INTO THE STONE AS IT FILTERS THROUGH THE BERM BETWEEN THE FOREBAY AND THE MAIN BASIN.

MONTGOMERY COUNTY CONSERVATION DISTRICT STANDARD EROSION & SEDIMENT CONTROL NOTES:

- STOCKPILE HEIGHTS MUST NOT EXCEED 35 FEET. STOCKPILE SIDE SLOPES MUST BE 2:1 OR FLATTER.
- THE OPERATOR SHALL ASSURE THAT THE APPROVED EROSION AND SEDIMENT CONTROL PLAN IS PROPERLY AND COMPLETELY IMPLEMENTED.
- UNTIL THE SITE ACHIEVES FINAL STABILIZATION, THE PERMITTEE AND COPERMITEE SHALL ASSURE THAT THE BEST MANAGEMENT PRACTICES ARE IMPLEMENTED, OPERATED, AND MAINTAINED PROPERLY AND COMPLETELY. MAINTENANCE SHALL INCLUDE INSPECTIONS OF ALL BEST MANAGEMENT PRACTICE FACILITIES AND SHALL INCLUDE COMPLETE, WRITTEN LOGS OF THOSE INSPECTIONS WHICH SHALL BE MADE AVAILABLE TO THE MONTGOMERY COUNTY CONSERVATION DISTRICT. ALL MAINTENANCE WORK, INCLUDING CLEANING, REPAIR, REPLACEMENT, REGARDING, RESEEDING, AND RESTABILIZATION SHALL BE PERFORMED IMMEDIATELY.
- IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE OPERATOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO ELIMINATE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION.
- BEFORE INITIATING ANY REVISIONS TO THE APPROVED EROSION AND SEDIMENT CONTROL PLAN OR REVISIONS TO OTHER PLANS WHICH MAY AFFECT THE EFFECTIVENESS OF THE APPROVED E&S CONTROL PLAN, THE OPERATOR MUST RECEIVE APPROVAL OF THE REVISIONS FROM THE MONTGOMERY COUNTY CONSERVATION DISTRICT.
- THE OPERATOR SHALL ASSURE THAT AN EROSION AND SEDIMENT CONTROL PLAN HAS BEEN PREPARED, APPROVED BY THE APPROPRIATE CONSERVATION DISTRICT, AND IS BEING IMPLEMENTED AND MAINTAINED FOR ALL SOIL AND/OR ROCK SPOIL AND BORROW AREAS, REGARDLESS OF THEIR LOCATIONS.
- ALL PUMPING OF SEDIMENT LADEN WATER SHALL BE THROUGH A SEDIMENT CONTROL BMP, SUCH AS A PUMPED WATER FILTER BAG DISCHARGING OVER NON-DISTURBED AREAS.
- THE CONTRACTOR IS ADVISED TO BECOME THOROUGHLY FAMILIAR WITH THE PROVISIONS OF THE APPENDIX B4, EROSION CONTROL RULES AND REGULATIONS, TITLE 25, PART DEPARTMENT OF ENVIRONMENTAL PROTECTION, SUBPART C, PROTECTION OF NATURAL RESOURCES, ARTICLE III, WATER RESOURCES, CHAPTER 102, EROSION CONTROL.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN MUST BE AVAILABLE AT THE PROJECT SITE AT ALL TIMES.
- ONLY LIMITED DISTURBANCE WILL BE PERMITTED TO PROVIDE ACCESS TO THE PROJECT SITE FOR GRADING AND ACQUIRING BORROW TO CONSTRUCT THOSE BMP'S. EROSION AND SEDIMENT BMP'S MUST BE CONSTRUCTED, STABILIZED, AND FUNCTIONAL BEFORE SITE DISTURBANCE BEGINS WITHIN THE TRIBUTARY AREAS OF THOSE BMP'S.
- AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION AND SEDIMENT BMP CONTROLS MUST BE REMOVED. AREAS DISTURBED DURING REMOVAL OF THE BMP'S MUST BE STABILIZED IMMEDIATELY.
- THE PERMITTEE OR CO-PERMITTEE SHALL CONTACT THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICT AT LEAST SEVEN DAYS BEFORE CONSTRUCTION IS TO BEGIN TO DETERMINE IF A PRECONSTRUCTION CONFERENCE IS REQUIRED. THE PERMITTEE, CO-PERMITTEE, AND OTHERS UNDERTAKING THE EARTH DISTURBANCE ACTIVITY MUST ATTEND A PRECONSTRUCTION CONFERENCE WHEN REQUESTED BY THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICT. THE PERMITTEE OR CO-PERMITTEE MUST BRING A COPY OF THEIR NPDES PERMIT, A COPY OF THE STAMPED PLAN FROM THE CONSERVATION DISTRICT, AND ALL ASSOCIATED DEPARTMENT APPROVALS/PERMITS WHICH MUST BE AVAILABLE AT THE CONFERENCE UPON REQUEST. ALSO, AT LEAST 3 DAYS BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITIES, ALL CONTACTORS INVOLVED IN THOSE ACTIVITIES SHALL NOTIFY THE PENNSYLVANIA ONE CALL SYSTEM INCORPORATED AT 1-800-242-1776 FOR BURIED UTILITIES LOCATIONS.
- UPON THE INSTALLATION OR STABILIZATION OF ALL PERIMETER SEDIMENT CONTROL BMPS AND AT LEAST 3 DAYS PRIOR TO PROCEEDING WITH THE BULK EARTH DISTURBANCE ACTIVITIES, THE PERMITTEE OR CO-PERMITTEE SHALL PROVIDE NOTIFICATION TO THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICT.
- ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE SEQUENCE OF CONSTRUCTION. EACH STAGE SHALL BE COMPLETED BEFORE ANY FOLLOWING STAGE IS INITIATED. CLEARING AND GRUBBING SHALL BE LIMITED TO THOSE AREAS DESCRIBED IN EACH STAGE.
- IMMEDIATELY AFTER EARTH DISTURBANCE ACTIVITIES CEASE OR SHOULD A TEMPORARY CESSATION OF ACTIVITY OCCUR WHICH WILL LAST LONGER THAN 4 DAYS, THE OPERATOR SHALL STABILIZE ANY AREAS DISTURBED BY THE ACTIVITIES DURING NON-GERMINATING PERIODS. MULCH MUST BE APPLIED AT THE SPECIFIED RATES. DISTURBED AREAS WHICH ARE NOT AT FINISHED GRADE AND WHICH WILL BE REDISTURBED WITHIN ONE YEAR MUST BE STABILIZED IN ACCORDANCE WITH THE TEMPORARY VEGETATIVE STABILIZATION SPECIFICATIONS. DISTURBED AREAS WHICH ARE AT FINISHED GRADE OR WHICH WILL NOT BE REDISTURBED WITHIN ONE YEAR MUST BE STABILIZED IN ACCORDANCE WITH THE PERMANENT VEGETATIVE STABILIZATION SPECIFICATIONS.
- AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION WHEN IT HAS A MINIMUM UNIFORM 70% PERMANENT VEGETATIVE COVER OR OTHER PERMANENT VEGETATIVE NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING AND OTHER MOVEMENTS.
- PERMITTEES AND CO-PERMITTEES ARE RESPONSIBLE FOR ENSURING THAT A LICENSED PROFESSIONAL HAS OVERSIGHT RESPONSIBILITY FOR THE DESIGN AND PROPER INSTALLATION OF BMPS IDENTIFIED IN THE PCSM PLAN PRIOR TO THE SUBMISSION OF THE NOTICE OF TERMINATION FOR THIS PERMIT. THE LICENSED PROFESSIONAL SHALL CERTIFY THAT THE BMPS IDENTIFIED IN THE PLAN HAVE BEEN INSTALLED IN ACCORDANCE WITH THE APPROVED PLAN. THE INSTALLATION SCHEDULE OF PCSM BMPS AND MAINTENANCE REQUIREMENTS CONTAINED WITHIN THE APPROVED PCSM PLAN MUST BE FOLLOWED; AND FAILURE TO COMPLY WITH THE INSTALLATION SCHEDULE IS A VIOLATION OF THIS PERMIT, THE CLEAN STREAMS LAW, AND THE CLEAN WATER ACT.

EROSION & SEDIMENT CONTROL MEASURES:

- ESC MATTING** IS PROPOSED FOR NEWLY GRADED SLOPE AREAS TO PROTECT THEM UNTIL VEGETATION IS ESTABLISHED.
- COMPOST SOCK** ARE PROPOSED FOR SEDIMENT DEWATERING FACILITIES. ACCUMULATED SEDIMENT FROM POND WILL BE REMOVED AND PLACED IN THE STORAGE AREA TO ALLOW IT TO DRY.
- COMPOST SOCKS** ARE PROPOSED FOR THIS PROJECT TO PREVENT SEDIMENT LADEN STORMWATER RUNOFF FROM LEAVING THE VICINITY OF THE PROJECT AREA.
- STONE TIRE CLEANER** IS PROPOSED FOR THIS PROJECT TO HELP PREVENT SEDIMENT AND DEBRIS FROM LEAVING THE SITE AREA.

ESC PLAN PLANNING & DESIGN INFORMATION

- THE EROSION & SEDIMENT CONTROL PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE STANDARDS AND CRITERIA OF PA-DEP'S EROSION AND SEDIMENT POLLUTION CONTROL PROGRAM MANUAL (LATEST EDITION) AND THE MONTGOMERY COUNTY CONSERVATION DISTRICT (MCCD). EROSION & SEDIMENT CONTROL METHODS ARE LISTED BELOW AND ARE DESIGNED TO PRESERVE THE QUALITY OF DOWNSTREAM WATERS DURING THE CONSTRUCTION PROCESS. THE STAGING OF EARTH MOVING ACTIVITIES IS DESCRIBED UNDER THE CONSTRUCTION SEQUENCE.
- THE PLAN PROPOSES IMPROVEMENTS TO AN EXISTING FLOOD MITIGATION STRUCTURE CONSTRUCTED IN THE 1960'S. THE FACILITY LACKS A DEFINED OUTLET STRUCTURE AND EXPERIENCES ALGAE BLOOMS DUE TO A LACK OF WATER OXYGENATION. IT IS PROPOSED TO EMPTY THE FACILITY, REMOVE ACCUMULATED SEDIMENT, AND CONVERT THE FACILITY TO A BIORETENTION BASIN WITH SEDIMENT FOREBAY. WHILE PROVIDING THE SAME FUNCTION AS THE ORIGINAL POND, THIS WILL BE MORE AESTHETICALLY PLEASING, EASIER TO MAINTAIN, AND PROVIDE IMPROVED WATER QUALITY.
 - THE PLAN WILL RE-USE THE SEDIMENT MATERIAL FROM THE POND TO PROVIDE AN AREA AT THE TOP OF THE SLOPE FOR USE OF THE PARK.
 - EROSION AT AN EXISTING CULVERT PIPE UNDER THE WOOD-CHIP PATH WILL BE ADDRESSED. A STILLING BASIN WILL BE INSTALLED AT THE EXISTING SCOUR HOLE, AND THE CHANNEL DOWN TO THE POND WILL BE STABILIZED WITH STONE TO FORM A STEPPED-POOL SYSTEM.
 - THERE WILL BE NO INCREASE OF STORMWATER RUNOFF SINCE THERE IS NO INCREASE IN IMPERVIOUS COVER. ALL AREAS WILL BE RESTORED TO VEGETATED CONDITION AT CONCLUSION OF THE WORK.

HERBICIDAL APPLICATION AND CONTROL MEASURES:

THE APPLICATION OF HERBICIDE, IF NEEDED, SHALL BE CONDUCTED PER MANUFACTURER'S SPECIFICATIONS. ROBOE® SHALL BE USED FOR APPLICATIONS WITHIN 100 FEET OF ANY WETLAND, POND, STREAM, ETC., OTHERWISE THE USE OF OTHER BRANDS MAY BE ACCEPTABLE. (SUBMIT FOR APPROVAL) ALL APPLICATIONS OF HERBICIDES SHALL BE CONDUCTED BY A CONTRACTOR LICENSED BY THE STATE OF PENNSYLVANIA DEPARTMENT OF AGRICULTURE. APPLICATION OF ANY HERBICIDE SHALL BE CONDUCTED AT A RATE AND FREQUENCY SPECIFIED BY THE MANUFACTURER. ALL SAFETY PRECAUTIONS SHALL BE CONDUCTED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. STORAGE AND DISPOSAL PROCEDURES SHALL BE CONDUCTED ACCORDING TO MANUFACTURER'S SPECIFICATIONS. AVOID OVER SPRAY AND SPRAYING WHEN WINDS ARE IN EXCESS OF 5 MILES PER HOUR.

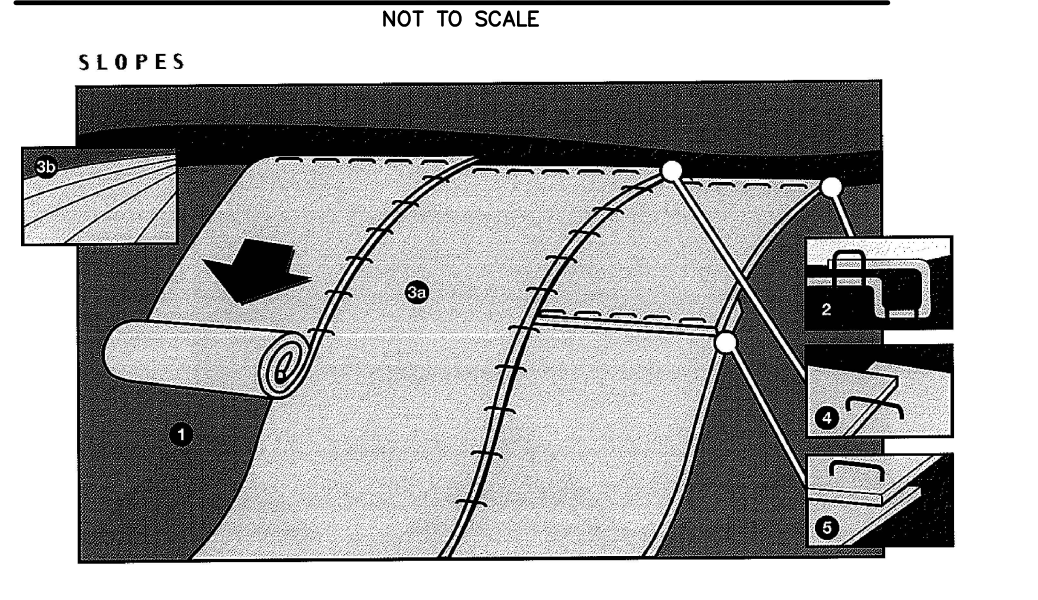
NATIVE STEEP SLOPE MIX W/ ANNUAL RYEGRASS

- SEED MIX SHALL BE ERNMX-181, AS PROVIDED BY ERNST CONSERVATION SEEDS, OR APPROVED EQUIV CONSISTING OF THE FOLLOWING SPECIES, OR AS CURRENTLY FORMULATED, AT 60 LBS PER ACRE, OR 1.5 LB PER 1,000 S.F.:
- 31.1% SORGHASTRUM NUTANS, NEW ENGLAND 2 ECOTYPE (INDIANGRASS, NEW ENGLAND 2 ECOTYPE)
 - 20.0% LULIUM MULTIFLORUM (ANNUAL RYEGRASS)
 - 14.0% ANDROPOGON GERARDI, 'NIAGARA' (BIG BLUESTEM, 'NIAGARA')
 - 10.0% ELYMUS VIRGINICUS, MADISON-NY ECOTYPE (VIRGINIA WILDRYE, MADISON-NY ECOTYPE)
 - 7.0% ELYMUS CANADENSIS (CANADA WILDRYE)
 - 4.0% AGROSTIS PERENNANS, ALBANY PINE BUSH-NY ECOTYPE (AUTUMN BENTGRASS/ALBANY PINE BUSH-NY ECOTYPE)
 - 4.0% PANICUM VIRGATUM 'CARITHAGE', NO ECOTYPE (SWATHGRASS, 'CARITHAGE', NO ECOTYPE)
 - 3.0% PANICUM CLAUDIESTIMUM, TOGA (DEERTONGUE, TOGA)
 - 1.5% ECHINACEA PURPUREA (PURPLE CONEFLOWER)
 - 1.3% CHAMAECRISTA FASCICULATA, PA ECOTYPE (PARTHURP PEA, PA ECOTYPE)
 - 1.2% HELIOPSIS HELIANTHOIDES PA ECOTYPE (OXYEYE SUNFLOWER, PA ECOTYPE)
 - 1.0% COREOPSIS LANCEOLATA (LANCETLEAF COREOPSIS)
 - 1.0% RUDBECKIA HIRTA (BLACKEYED SUSAN)
 - 0.3% MONARDS FISTULOSA, FORT INDIANTOWN GAP-PA ECOTYPE (WILD BERGAMOT, FORT INDIANTOWN GAP-PA ECOTYPE)
 - 0.2% ASCLEPIAS SYRIACA (COMMON MILKWEED)
 - 0.2% SOLIDAGO RUGOSA, PA ECOTYPE (WINKLELEAF GOLDENROD, PA ECOTYPE)
 - 0.1% ASTER LATERIFLORUS (CALICO ASTER)
 - 0.1% ASTER PILOSUS, PA ECOTYPE (HEATH ASTER, PA ECOTYPE)

INSTALLATION INSTRUCTIONS:

- ADDITIONAL ITEMS NEEDED FOR INSTALLATION:
GRASS SEED, FERTILIZER, RUBBER MALLET, SHOVELS OR SHEARS, SAFETY GLASSES/GOOGLES
- CAUTION: ALWAYS WEAR EYE AND HAND PROTECTION DURING INSTALLATION OF BOSTAKES.
- PREPARE THE AREA TO BE PROTECTED BY RAKING THE SOIL TO A DEPTH OF 1-2 INCHES AND REMOVING LARGE DIRT CLODS, STICKS AND OTHER OBSTRUCTIONS. APPLY SEED AND FERTILIZER AND LIGHTLY RAKE INTO THE SOIL. (NOTE: THIS PRODUCT DOES NOT INCLUDE SEED OR FERTILIZER. FOR SEEDING AND FERTILIZER SEE THE SEEDING & MULCHING SCHEDULE)
 - STARTING AT THE TOP OF SLOPE, ANCHOR THE BLANKET IN A 6"x6" TRENCH WITH A ROW OF BIODEGRADABLE PLASTIC BOSTAKES. A RUBBER MALLET IS RECOMMENDED FOR DRIVING THE BOSTAKES INTO THE GROUND. CAUTION: BOSTAKES MAY SHATTER IF BROKEN. THEREFORE, ALWAYS WEAR EYE AND HAND PROTECTION DURING INSTALLATION. BACKFILL AND COMPACT THE TRENCH AFTER STAKING.
 - ROLL OUT BLANKET (a) DOWN OR (b) HORIZONTALLY ACROSS THE SLOPE. SECURE BLANKET WITH BOSTAKES IN APPROPRIATE PATTERN PER STAPLING PATTERN, FIGURE 2. IF APPLICABLE USE DOT SYSTEM PROVIDED ON FABRIC BY MANUFACTURER. BE SURE TO SMOOTH OUT ANY WRINKLES OR FOLDS IN MATERIAL AS WORK PROGRESSES.
 - EDGES OF PARALLEL BLANKETS MUST OVERLAP A MINIMUM OF 6" AND BE STAKED AT 12" INTERVALS.
 - CONSECUTIVE BLANKETS ALONG SLOPE SHALL OVERLAP, SINGLE STYLE, WITH A MINIMUM 6" OVERLAP. STAKE THROUGH OVERLAP AREA AT 12" INTERVALS.
 - IMMEDIATELY FOLLOWING INSTALLATION, GENTLY WATER ENTIRE AREA, THOROUGHLY WETTING BOTH THE BLANKET AND UNDERLYING SOIL. FOR BEST RESULTS, KEEP SOIL MOIST FOR THE FIRST 30 TO 60 DAYS OR UNTIL UNIFORM GRASS ESTABLISHMENT IS ACHIEVED.

NORTH AMERICAN GREEN SLOPE INSTALLATION



CONTRACTOR SHALL USE NORTH AMERICAN GREEN (OR EQUAL) EROSION CONTROL FABRICS WITH THE MANUFACTURER'S RECOMMENDED STAPLE PATTERN. CLASS OF FABRIC SHALL BE AS NOTED ELSEWHERE IN THE PLANS.

SEEDING AND MULCHING SCHEDULE

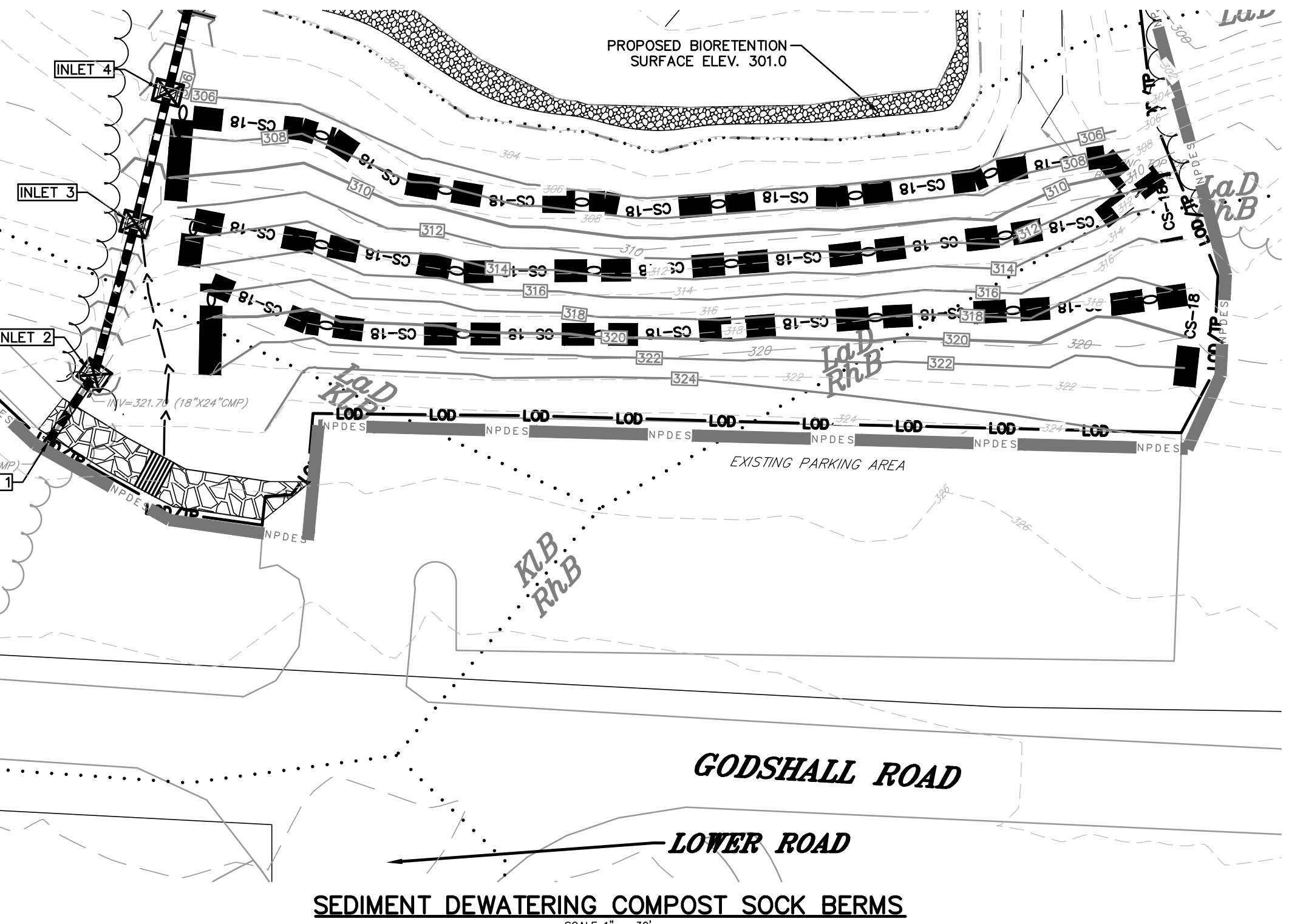
- SITE PREPARATION, STABILIZATION AND MAINTENANCE SHALL BE PERFORMED IN ACCORDANCE WITH PENN STATE UNIVERSITY'S "THE AGRONOMY GUIDE" AND PENNDOT FORM 408 SPECIFICATIONS' MOST RECENT ADDITION. TEMPORARY SEEDING SPECIFICATION FORMULA B - ANNUAL RYE GRASS PERMANENT SEEDING SPECIFICATION FORMULA B - 50% KENTUCKY BLUEGRASS MIXTURE 30% PENNSYLVANIA RED FESCUE 20% PERENNIAL RYEGRASS MIXTURE STEEP SLOPE SEEDING SPECIFICATION ERNMX-180 - SEE NATIVE STEEP SLOPE MIX W/ ANNUAL RYEGRASS FORMULA SEEDING RATE FOR THE ABOVE MIXTURES: 10 LBS/1,000 SY FOR TEMPORARY SEEDING 21 LBS/1,000 SY FOR PERMANENT SEEDING 11 LBS/1,000 SY FOR STEEP SLOPE SEEDING (SEE NOTE 5)
 - HAY OR STRAW MULCH SHALL BE APPLIED AT THE RATES OF AT LEAST 3.0 TONS PER ACRE AND SHALL BE APPLIED IN LONG STRANDS, NOT CHOPPED OR FINELY BROKEN. MULCH WITH MULCH CONTROL NETTING OR EROSION CONTROL BLANKETS MUST BE INSTALLED ON ALL SLOPES 3:1 OR STEEPER.
 - PULVERIZED AGRICULTURAL LIMESTONE AND COMMERCIAL FERTILIZER SHALL BE APPLIED TO ALL DISTURBED AREAS WHICH ARE TO BE SEEDDED EXCEPT FOR TEMPORARY SEED AREAS ARE THE FOLLOWING RATES: PULVERIZED AGRICULTURAL LIMESTONE - 90 LBS/1,000 SF 10-20-20 ANALYSIS COMMERCIAL FERTILIZER - 20 LBS/1,000 SF
- NOTE: APPLICATION OF LIME AND FERTILIZER FOR TEMPORARY SEEDING IS UNNECESSARY AND ONLY SERVES TO CONTRIBUTE TO AN OVERABUNDANCE OF NUTRIENT POLLUTION IN THE WATERSHED.
- PERMANENT SEEDING SHALL TAKE PLACE FROM MARCH 15 TO JUNE 1 OR FROM AUGUST 1 TO OCTOBER 15. IF COMPLETED AT IN OTHER SEASONS, AREAS SHALL RECEIVE TEMPORARY SEEDING AND 3.0 TONS PER ACRE MULCH.
 - STEEP SLOPE AREAS SHALL BE PROTECTED FROM EROSION BY ONE OF THE FOLLOWING METHODS. MANUFACTURER'S RECOMMENDATIONS SHALL BE FOLLOWED FOR PARTICULAR METHOD AND SPECIFIC SITE CONDITIONS. FLEXIBLE GROWTH MEDIUM SHALL BE HYDRAULICALLY APPLIED COMBINATION OF SEED, MULCH, AND EROSION PROTECTION MATERIAL SIMILAR TO "FLEXITERRA" BY ACF OR EQUAL BY OTHER MANUFACTURER. EROSION CONTROL MATTING SHALL BE TEMPORARY MATTING SIMILAR TO SC350 BY NORTH AMERICAN GREEN OR EQUAL BY OTHER MANUFACTURER.

SEED MIX ESTABLISHMENT SPECIFICATIONS

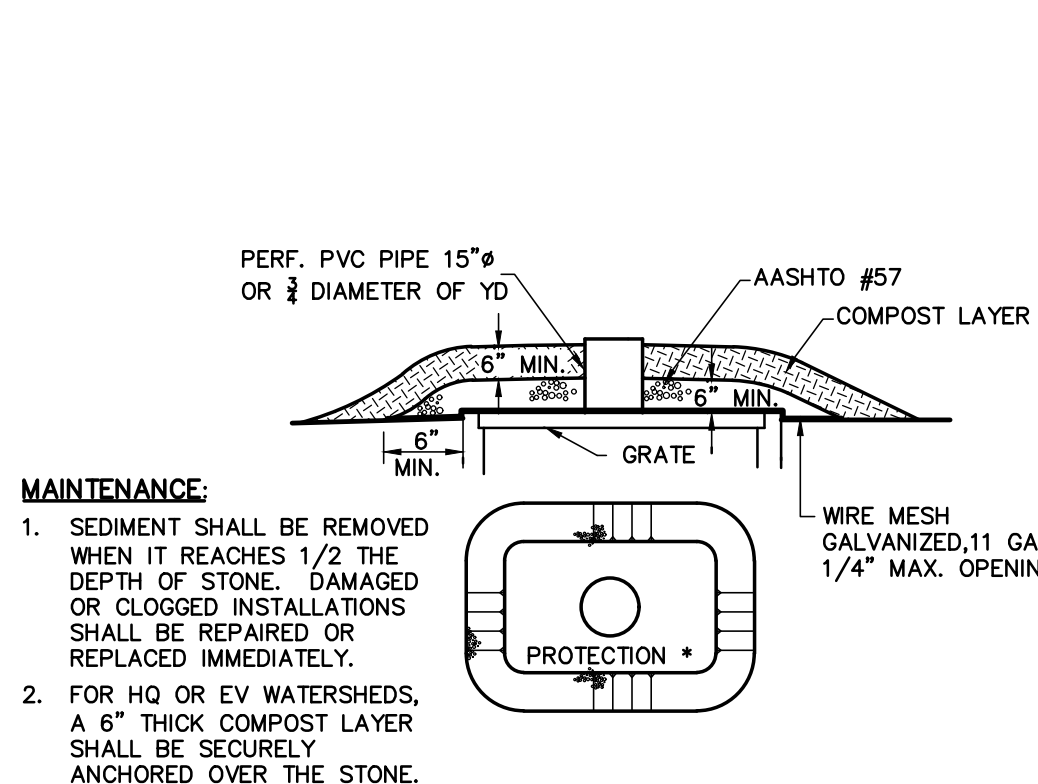
INSTALLATION: SPRAY AREAS TO BE SEEDDED WITH A SYSTEMIC HERBICIDE ONE (1) MONTH PRIOR TO THE INSTALLATION OF THE SPECIFIED SEE MIXTURE. AFTER TWO (2) WEEKS OF HERBICIDE APPLICATION, AREAS TO BE SEEDDED SHALL BE TREATED AGAIN IF PERSISTENT WEEDS RE-GERMINATE. ONLY AFTER ALL EXISTING VEGETATION TO BE REMOVED IS ERADICATED SHALL THE FOLLOWING SEED INSTALLATION STEPS TAKE PLACE:

- ALL AREAS TO BE SEEDDED SHALL BE CLEARED OF ALL REMAINING DEBRIS AND VEGETATION.
- TILL ALL AREAS TO BE SEEDDED TO A MINIMUM DEPTH OF FOUR (4) INCHES, AND ADD ANY SPECIFIED SOIL AMENDMENTS TO THE TILLED AREAS.
- SPREAD SEED AT RECOMMENDED RATE EVENLY ACROSS THE ENTIRE SITE.
- FINE RAKE ALL AREAS PREVIOUSLY SEEDDED TO ENSURE GOOD SOIL TO SEED CONTACT.
- SPREAD A THIN COAT OF STRAW TO REDUCE EROSION.
- WATER ENTIRE AREA THOROUGHLY, AVOID OVER WATERING.

- FIRST YEAR MAINTENANCE:**
SEED MIXTURE SHALL BE INSPECTED FOR INVASIVE WEED SPECIES. IF WEED SPECIES APPEAR IN THE SEEDDED AREA, SPOT TREAT BY PULLING. ALLOW SEED MIXTURE TO REACH A HEIGHT OF 12-18 INCHES IN HEIGHT. MOW TO A HEIGHT OF APPROXIMATELY SIX (6) INCHES WITH A WEED EATER.
- SECOND YEAR MAINTENANCE:**
MOW ONCE IN SPRING AS CLOSE TO GROUND AS POSSIBLE. ALLOW PLANTS TO GROW TO FULL HEIGHT.
- CONSECUTIVE FOLLOWING YEARS:**
MOW EVERY OTHER YEAR AND SPOT TREAT INVASIVE PLANT SPECIES.

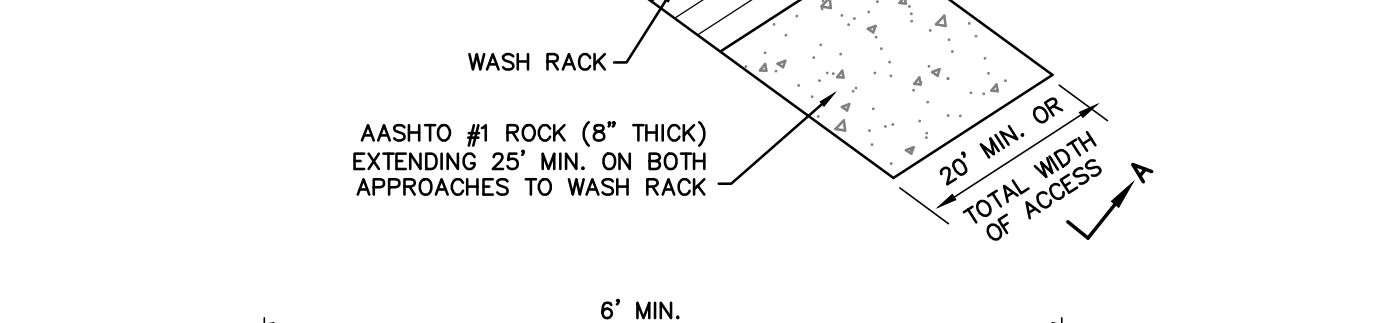
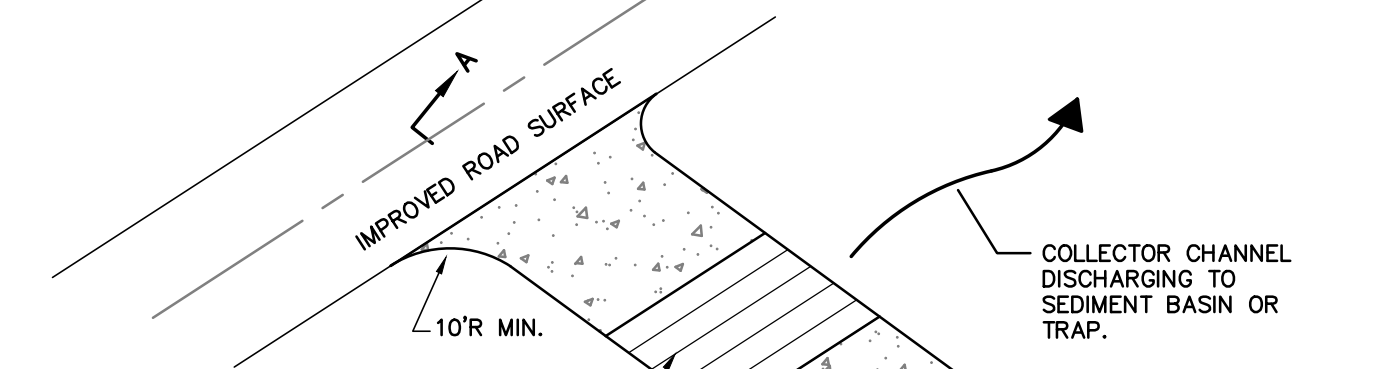
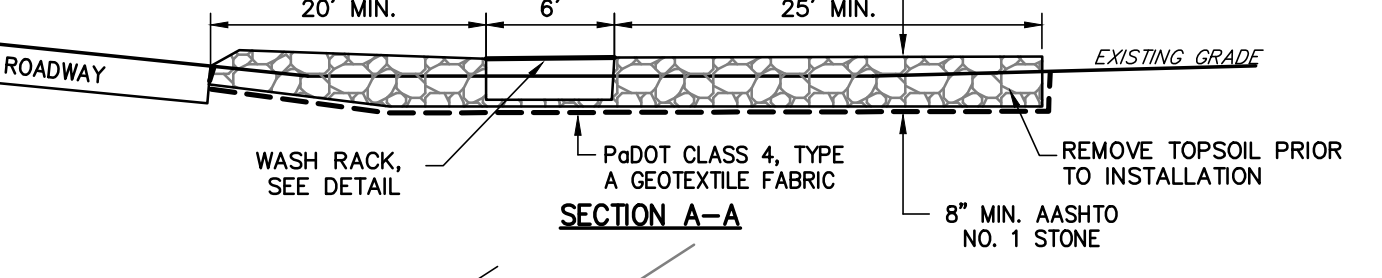


SEDIMENT DEWATERING COMPOST SOCK BERMS



TYPE "M" INLET OR YARD DRAIN PROTECTION, NOT IN SWALE

NOT TO SCALE



WASH RACK SHALL BE DESIGNED AND CONSTRUCTED TO ACCOMMODATE ANTICIPATED CONSTRUCTION VEHICULAR TRAFFIC. A WATER SUPPLY SHALL BE MADE AVAILABLE TO WASH THE WHEELS OF ALL VEHICLES EXITING THE SITE.

MAINTENANCE:
ROCK CONSTRUCTION ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED TO THE SPECIFIED DIMENSIONS BY ADDING ROCK. A STOCKPILE OF ROCK MATERIAL SHALL BE MAINTAINED ON SITE FOR THIS PURPOSE. DRAIN SPACE UNDER WASH RACK SHALL BE KEPT OPEN AT ALL TIMES. DAMAGE TO THE WASH RACK SHALL BE REPAIRED PRIOR TO FURTHER USE OF THE RACK.

AT THE END OF EACH CONSTRUCTION DAY, ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE. WASHING THE ROADWAY OR SWEEPING THE DEPOSITS INTO ROAD DITCHES, SEWERS, CULVERTS OR OTHER DRAINAGE COURSES IS NOT ACCEPTABLE.

TEMPORARY CONSTRUCTION ENTRANCE W/ WASH RACK

NOT TO SCALE

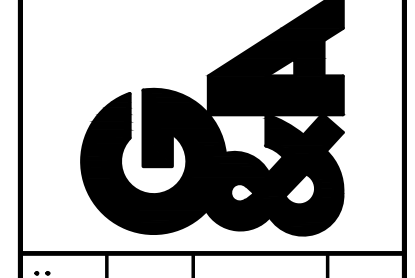
SEQUENCE OF CONSTRUCTION:

ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING SEQUENCE. EACH STAGE SHALL BE COMPLETED BEFORE ANY FOLLOWING STAGE IS INITIATED, UNLESS NOTED OTHERWISE. CLEARING AND GRUBBING SHALL BE LIMITED ONLY TO THOSE AREAS DESCRIBED IN EACH STAGE.

- AT LEAST 7 DAYS PRIOR TO START OF WORK OR EARTH DISTURBANCE ACTIVITIES, A PRECONSTRUCTION MEETING SHALL BE HELD INCLUDING THE OWNER, SITE CONTRACTOR, TOWNSHIP ENGINEER, COUNTY CONSERVATION DISTRICT, THE PLAN DESIGNER, AND THE LICENSED PROFESSIONAL RESPONSIBLE FOR OVERSIGHT OF PCSMM INSTALLATION.
- INSTALL TEMPORARY STONE TIRE CLEANER AS SHOWN AND WHERE INDICATED ON PLAN.
- INSTALL COMPOST SOCK BERMS FOR SEDIMENT DEWATERING. THIS MAY PROCEED CONCURRENTLY WITH POND DRAW-DOWN.
- INSTALL COMPOST SOCK BERMS FOR SEDIMENT DEWATERING. THIS MAY PROCEED CONCURRENTLY WITH POND DRAW-DOWN.
- REMOVE SEDIMENT FROM POND AREA AND TRANSFER TO STORAGE AREAS OF COMPOST SOCK BERMS.
 - SEDIMENT AREAS SHALL BE CHECKED PERIODICALLY AND THE MATERIAL 'TURNED' AS NEEDED TO FACILITATE THE DEWATERING PROCESS.
 - IF ANY BERM IS DISTURBED, IT SHOULD BE REPAIRED IMMEDIATELY.
 - ONCE THE MOISTURE CONTENT IN THE SEDIMENT IS AT OPTIMUM, MATERIAL SHALL BE SPREAD OVER THE SLOPE TO PROPOSED GRADES SHOWN. COMPOST SOCKS MAY BE SPLIT AND INCORPORATED INTO THE SOILS DURING THE GRADING PROCESS.
- AFTER THE SEDIMENT HAS BEEN REMOVED FROM THE POND, PROPOSED RETROFIT SHALL BE EXECUTED IN ACCORDANCE WITH PLANS AND DETAILS:
 - IMPROVE DIVERSION CHANNEL FROM STREAM TO FACILITY AS SHOWN AT THE UPSTREAM END.
 - EXCAVATE SEDIMENT FOREBAY TO DEPTH SHOWN ON PLANS. INSTALL STONE FILTER BERM PER DETAILS BETWEEN FOREBAY AND REMAINING PORTION OF FACILITY.
 - EXCAVATED MATERIAL MAY BE USED TO GRADE SLOPE ALONG WITH DRIED SEDIMENT.
 - COMPLETE REMAINS IMPROVEMENTS TO FACILITY INCLUDING OUTLET STRUCTURE, DISCHARGE PIPES, UNDERDRAIN & STONE BASE, SPILLWAY IMPROVEMENTS, AND AMENDED SOILS.
 - INSTALL LANDSCAPING IN ACCORDANCE WITH PLANS AND DETAILS.
- REPLACE EXISTING STORM CULVERT WITH STORM SEWER SYSTEM IN ACCORDANCE WITH PLAN PROFILE AND DETAILS. ERODED CHANNEL SHALL BE GRADED TO FOR UNIFORM SLOPE UPON TRENCH RESTORATION. THIS WORK MAY PROCEED CONCURRENTLY WITH BASIN RETROFIT.
- AS LAWN AREAS ARE BROUGHT TO GRADE, THEY SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 5-12" THEN PROVIDED WITH A MINIMUM OF 6" TOPSOIL AND SEEDDED IMMEDIATELY. ALL VEGETATED AREAS SHALL BE STABILIZED WITH VEGETATION AND MULCH AS SOON AS POSSIBLE.
- AFTER THE SITE HAS BEEN STABILIZED, ALL TEMPORARY E&S CONTROLS SHALL BE REMOVED.
 - ALL ACCUMULATED SEDIMENTS SHALL BE DISPOSED OF IN APPROVED UPLAND AREAS.
 - STABILIZATION SHALL BE CONSIDERED THE PLACEMENT OF BASE COURSE IN PAVED AREAS OR BY 75% OR MORE VEGETATION, UNIFORM COVERAGE, IN LAWN AREAS OR BY OTHER PERMANENT MEANS WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING AND OTHER MOVEMENTS.
 - AREAS DISTURBED DURING THE REMOVAL OF BMPS SHALL BE STABILIZED IMMEDIATELY.
 - NOTICE OF TERMINATION AND ASSOCIATED PAPERWORK SHALL BE FILED WITH CONSERVATION DISTRICT.

GILMORE & ASSOCIATES, INC.
ENGINEERING & CONSULTING SERVICES
66 EAST BUTLER AVENUE SUITE 300, NEW BRITAIN, CT 06103-3430 WWW.GILMORE-INC.COM

ONLY THOSE PLANS INCORPORATING THE PROFESSIONAL SEAL SHOULD BE CONSIDERED OFFICIAL AND RELIED UPON BY USER. THIS PLAN IS THE PROPERTY OF GILMORE & ASSOCIATES, INC. NO REPRODUCTION, MODIFICATION, REVISION, DUPLICATION OR USE WITHOUT THE WRITTEN CONSENT OF GILMORE & ASSOCIATES, INC. IS PROHIBITED.
© COPYRIGHT 2020 GILMORE & ASSOCIATES, INC. ALL RIGHTS RESERVED.



TAX MAP PARCEL NO.: 34-00-0732-00-7
BLOCK 003, UNIT 004
JOB NO.: 2009017
MUNICIPAL FILE NO.: XX
OWNER: FRANKONIA TOWNSHIP
671 ALLENTOWN ROAD
TEL: 610.261.1824
219-725-1137

TOTAL LOT: 1
TOTAL AREA: 11.239 AC
DATE: 03/12/2021

SCALE: AS NOTED

DRAWN BY: SKD
DESIGNED BY: SKD
CHECKED BY: DCR

PERMIT PLANS
EROSION-SEDIMENT CONTROL
DETAILS & NOTES
GODSHALL POND REHABILITATION

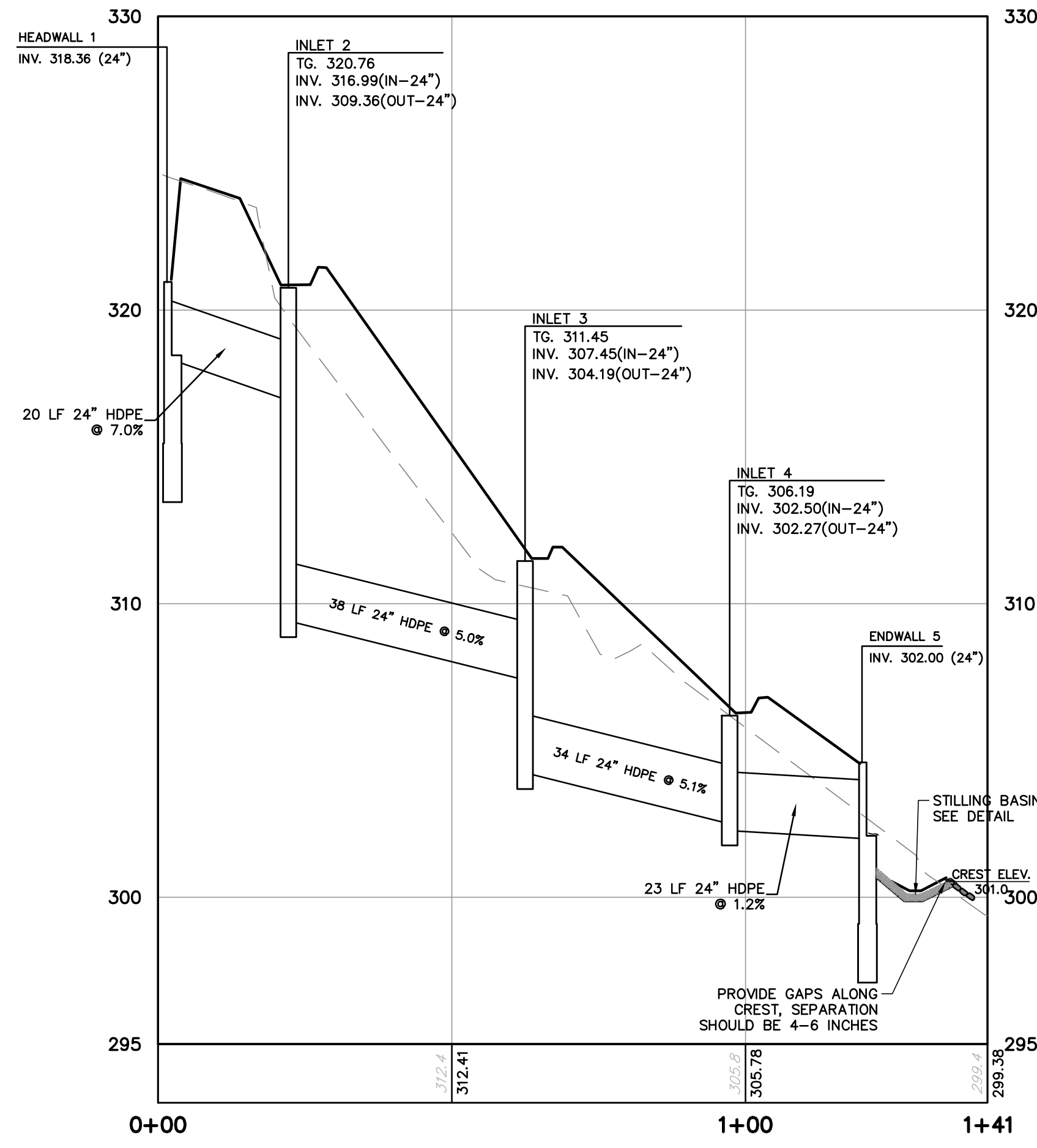
FRANKONIA TOWNSHIP, MONTGOMERY COUNTY, PENNSYLVANIA

REVISED PER MCD COMMENTS DATED 9/29/21

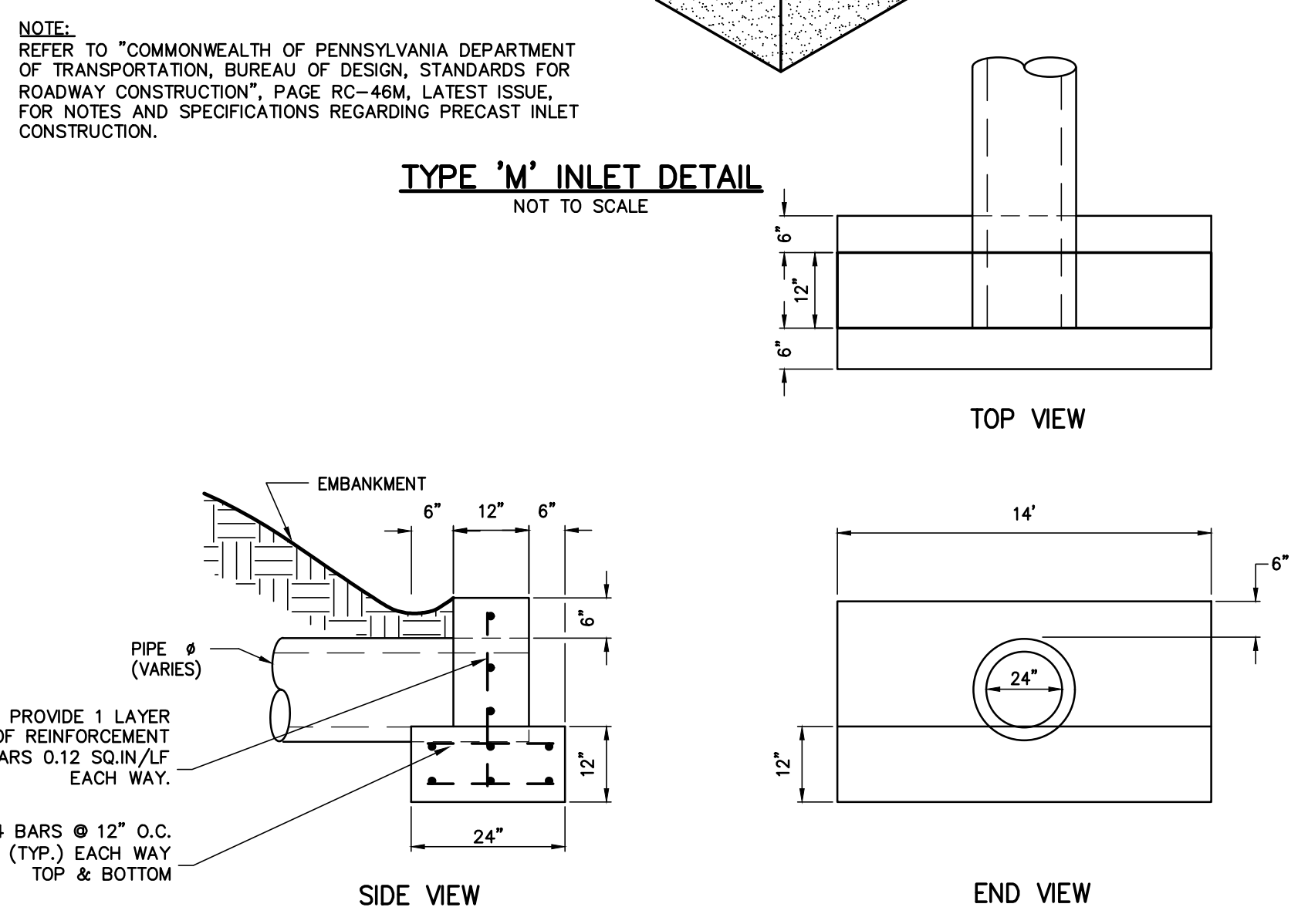
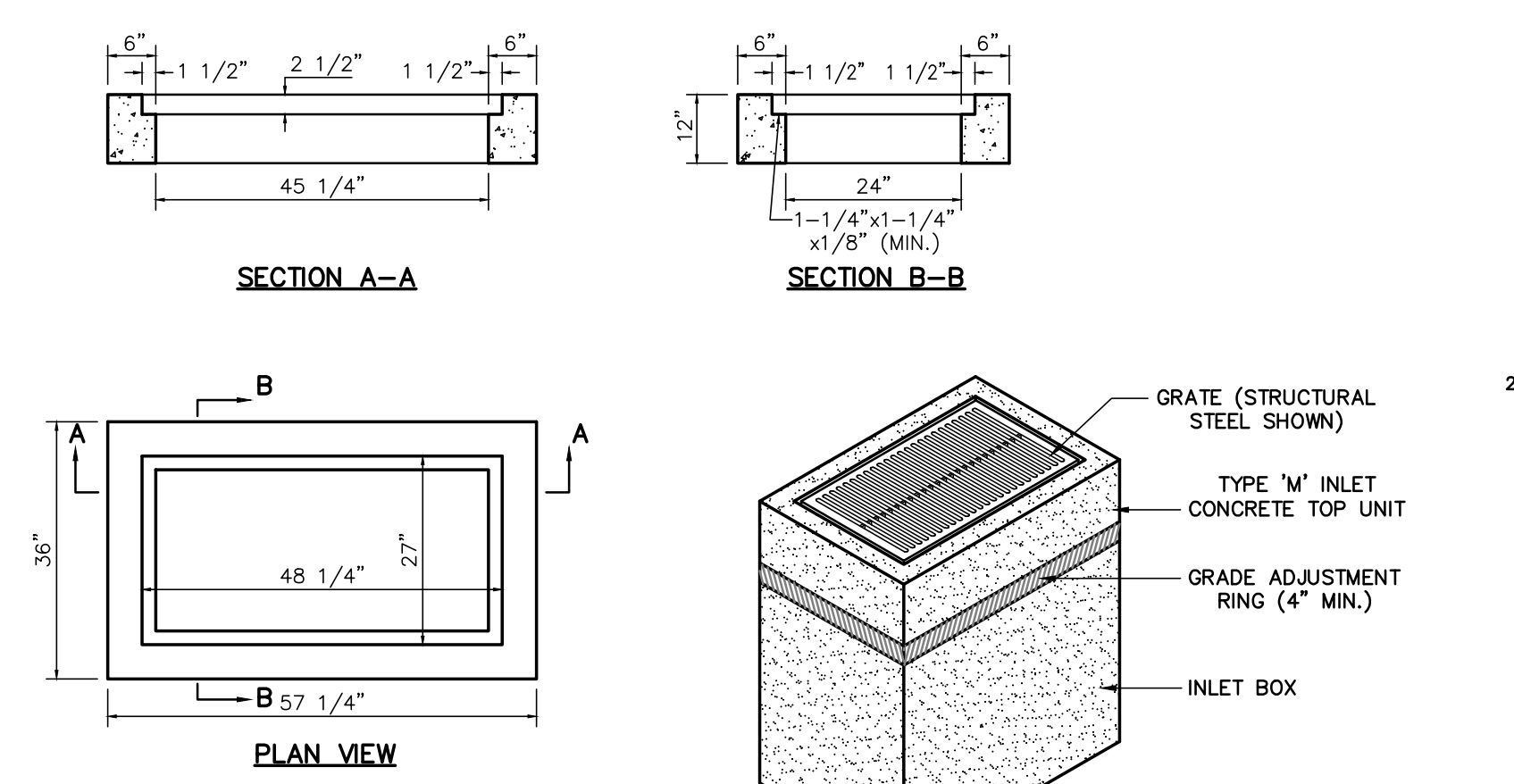
10/14/21
DATE

SKD
BY

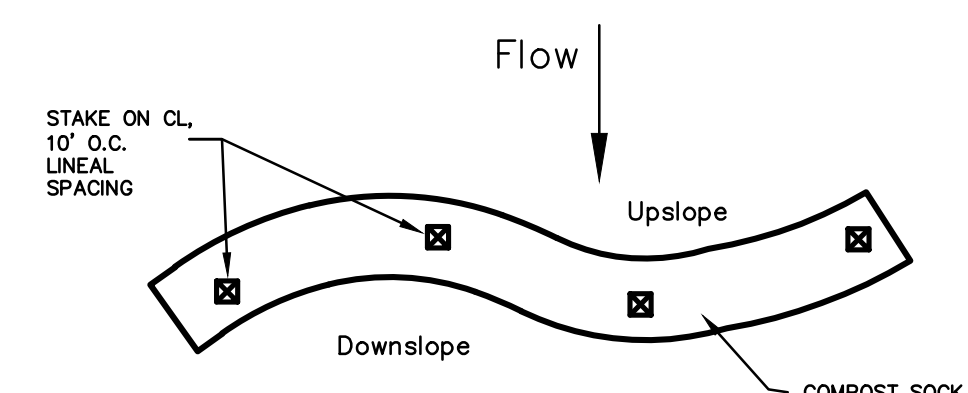
DESCRIPTION



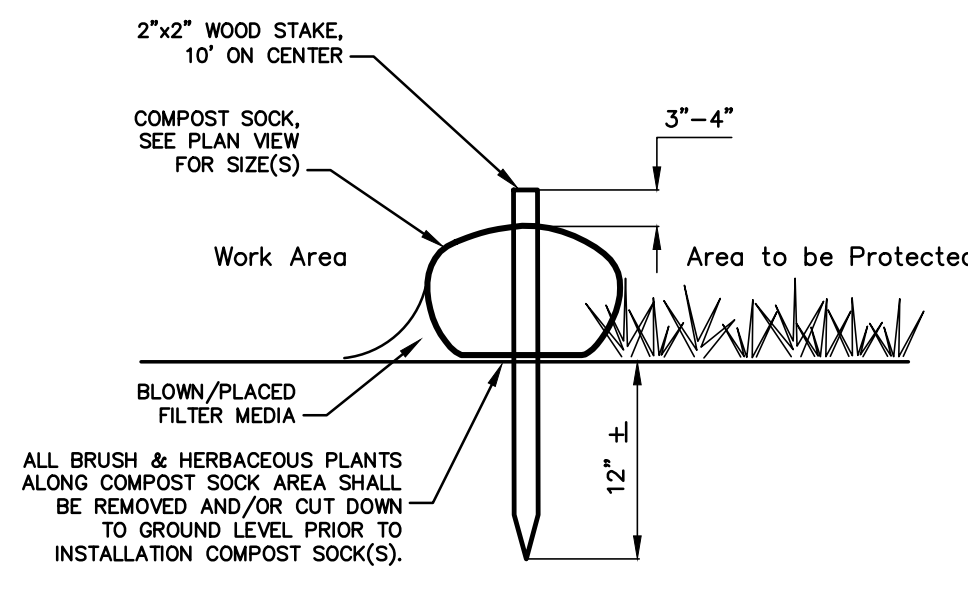
CONVEYANCE
STATION 0+00 TO 1+41
SCALE: HORIZ 1"=20'
VERT 1"=4'



PENNDOT TYPE D ENDWALL
NOT TO SCALE

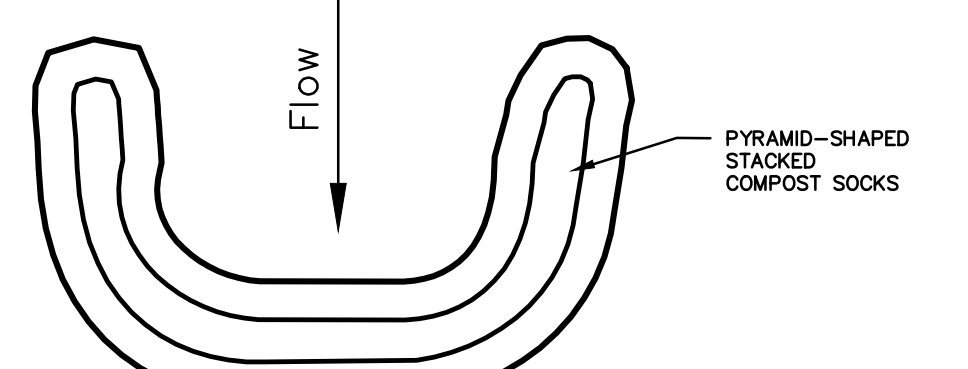


PLAN VIEW: SLOPE PROTECTION (SILT FENCE)

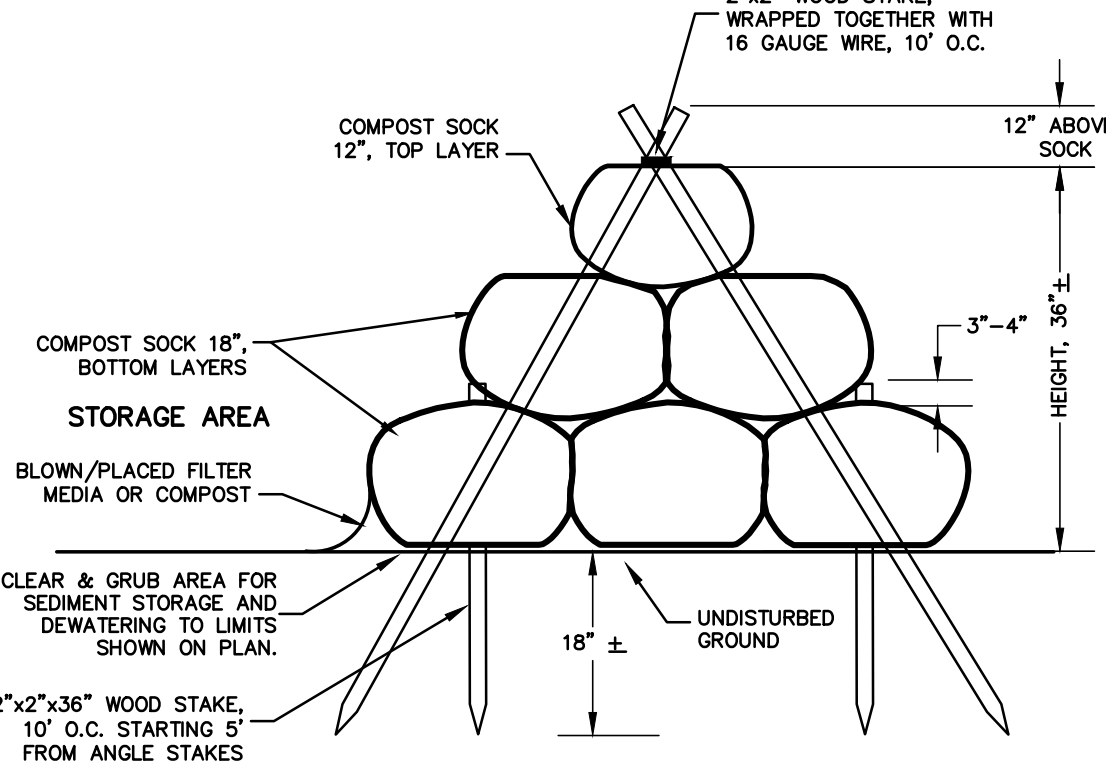


SECTION VIEW: COMPOST SOCK INSTALLATION

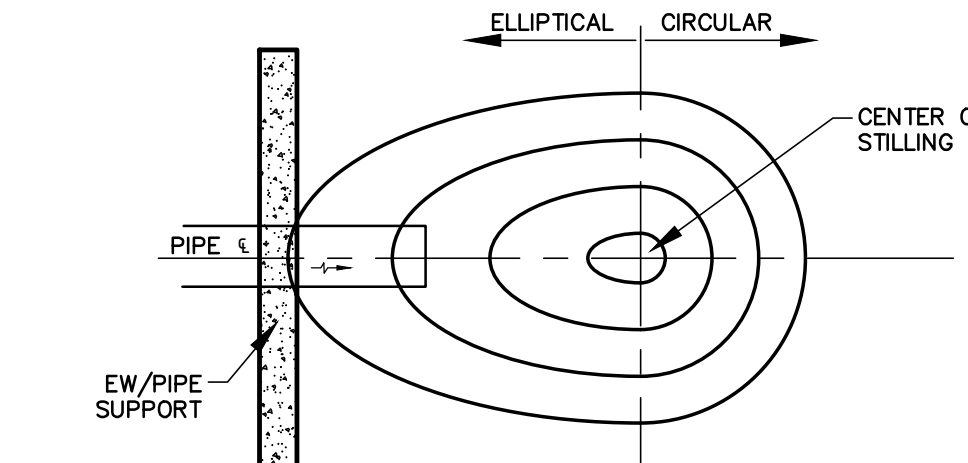
COMPOST SOCK "SILT FENCE" DETAIL
NOT TO SCALE



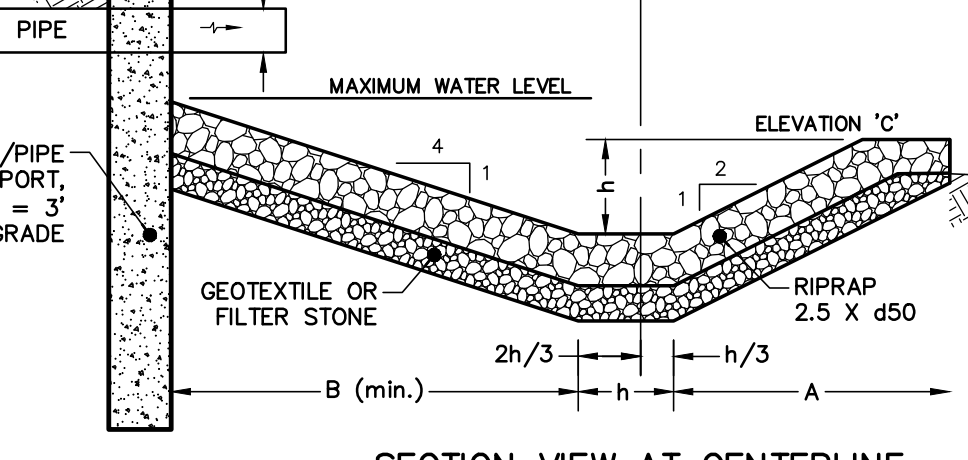
PLAN VIEW



DETAIL: COMPOST SOCK TRAP FOR SEDIMENT DEWATERING
NOT TO SCALE



PLAN VIEW



SECTION VIEW AT CENTERLINE

PIPE Ø	PIPE INVERT	Q (cfs)	V (fps)	h (ft)	X (ft)	RIPRAP SIZE	d50 STONE (in)	A	B	C
24"	302.00	20.35	8.64	1.44	4.58	R4	6	2.88	5.76	301.00
36"	296.00	40.71*	8.31	1.40	4.84	R5	9	2.80	5.60	295.40

STILLING BASIN DETAIL
NOT TO SCALE

MONITORING, INSPECTION, AND REPORTING REQUIREMENTS:

VISUAL INSPECTIONS
THE PERMITTEE / CO-PERMITTEE(S) MUST ENSURE THAT VISUAL SITE INSPECTIONS ARE CONDUCTED WEEKLY AND WITHIN 24 HOURS AFTER EACH MEASURABLE RAINFALL EVENT THROUGHOUT THE DURATION OF CONSTRUCTION AND UNTIL THE RECEIPT AND ACKNOWLEDGEMENT OF THE NOTICE OF TERMINATION BY THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICT. THE VISUAL SITE INSPECTIONS AND REPORTS SHALL BE COMPLETED IN A FORMAT PROVIDED BY THE DEPARTMENT AND CONDUCTED BY QUALIFIED PERSONNEL, TRAINED AND EXPERIENCED IN EROSION AND SEDIMENT CONTROL, TO ASCERTAIN THAT E&S BMPs AND PCSM BMPs ARE PROPERLY CONSTRUCTED AND MAINTAINED TO EFFECTIVELY MINIMIZE POLLUTION TO THE WATERS OF THE COMMONWEALTH. A WRITTEN REPORT OF EACH INSPECTION SHALL BE KEPT AND INCLUDED AT A MINIMUM:

- A SUMMARY OF SITE CONDITIONS, E&S BMP AND PCSM BMP IMPLEMENTATION AND MAINTENANCE, AND COMPLIANCE ACTIONS; AND
- THE DATE, TIME, NAME, AND SIGNATURE OF THE PERSON CONDUCTING THE INSPECTION.

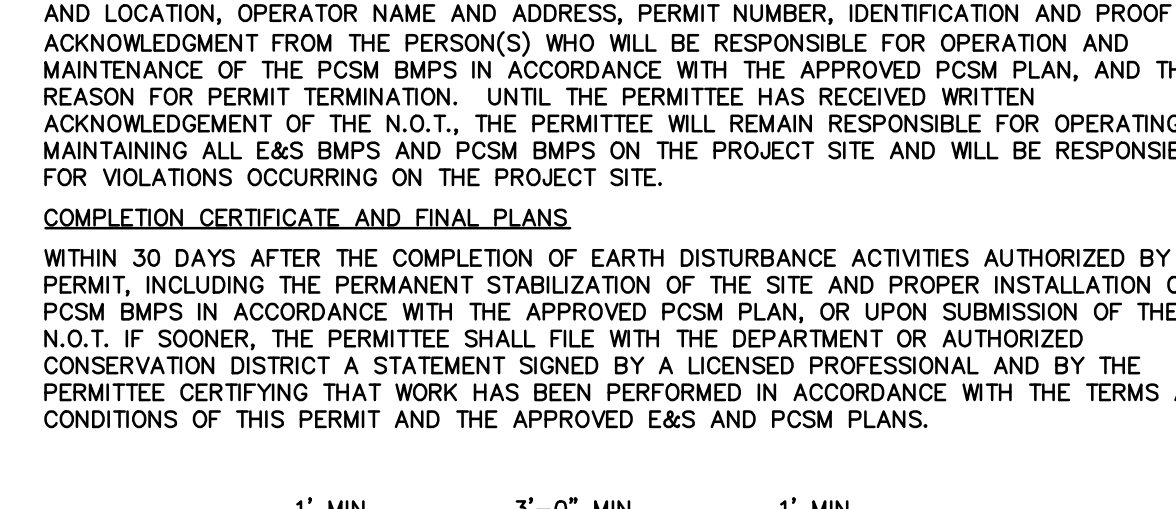
NON-COMPLIANCE REPORTING
WHERE E&S, PCSM OR PPC BMPs ARE FOUND TO BE INOPERATIVE OR INEFFECTIVE DURING AN INSPECTION, OR ANY OTHER TIME, THE PERMITTEE / CO-PERMITTEE(S) SHALL, WITHIN 24 HOURS, CONTACT THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICT, BY PHONE OR PERSONAL CONTACT, FOLLOWED BY THE SUBMISSION OF A WRITTEN REPORT WITHIN 5 DAYS OF THE INITIAL CONTACT. NON-COMPLIANCE REPORTS SHALL INCLUDE THE FOLLOWING INFORMATION:

- ANY CONDITION ON THE PROJECT SITE WHICH MAY ENDANGER PUBLIC HEALTH, SAFETY, OR THE ENVIRONMENT, OR INVOLVE INCIDENTS WHICH CAUSE OR THREATEN POLLUTION;
- THE PERIOD OF NON-COMPLIANCE, INCLUDING EXACT DATES AND TIMES AND/OR ANTICIPATED TIME WHEN THE ACTIVITY WILL RETURN TO COMPLIANCE;
- STEPS BEING TAKEN TO REDUCE, ELIMINATE, AND PREVENT REOCCURRENCE OF THE NON-COMPLIANCE; AND
- THE DATE OR SCHEDULE OF DATES, AND IDENTIFYING REMEDIES FOR CORRECTING NON-COMPLIANCE CONDITIONS.

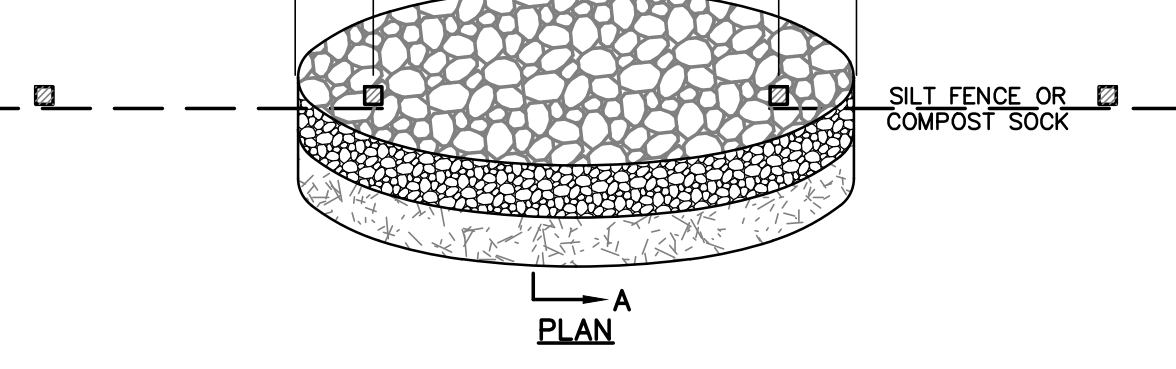
REDUCTION, LOSS, OR FAILURE OF THE BMPs
UPON REDUCTION, LOSS, OR FAILURE OF THE BMPs, THE PERMITTEE / CO-PERMITTEE SHALL TAKE IMMEDIATE ACTION TO RESTORE THE BMPs OR PROVIDE AN ALTERNATIVE METHOD OF TREATMENT. SUCH RESTORED BMPs OR ALTERNATIVE TREATMENT SHALL BE AT LEAST AS EFFECTIVE AS THE ORIGINAL BMPs.

TERMINATION OF COVERAGE
NOTE: UPON PERMANENT STABILIZATION OF EARTH DISTURBANCE ACTIVITIES ASSOCIATED WITH CONSTRUCTION ACTIVITIES THAT ARE AUTHORIZED BY THIS PERMIT AND WHEN BMPs IDENTIFIED IN THE PCSM PLAN HAVE BEEN PROPERLY INSTALLED, THE PERMITTEE AND/OR CO-PERMITTEE OF THE FACILITY MUST SUBMIT A NOTICE OF TERMINATION (N.O.T.) FORM THAT IS SIGNED IN ACCORDANCE WITH PART B, SECTION 1.C, SIGNATORY REQUIREMENTS, OF THIS PERMIT. ALL LETTERS CERTIFYING DISCHARGE TERMINATION ARE TO BE SENT TO THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICT. THE N.O.T. MUST CONTAIN THE FOLLOWING INFORMATION: FACILITY NAME, ADDRESS, AND LOCATION, OPERATOR NAME AND ADDRESS, PERMIT NUMBER, IDENTIFICATION AND PROOF OF ACKNOWLEDGMENT FROM THE PERSON(S) WHO WILL BE RESPONSIBLE FOR OPERATION AND MAINTENANCE OF THE PCSM BMPs IN ACCORDANCE WITH THE APPROVED PCSM PLAN, AND THE REASON FOR PERMIT TERMINATION. UNTIL THE PERMITTEE HAS RECEIVED WRITTEN ACKNOWLEDGMENT OF THE N.O.T., THE PERMITTEE WILL REMAIN RESPONSIBLE FOR OPERATING AND MAINTAINING ALL E&S BMPs AND PCSM BMPs ON THE PROJECT SITE AND WILL BE RESPONSIBLE FOR VIOLATIONS OCCURRING ON THE PROJECT SITE.

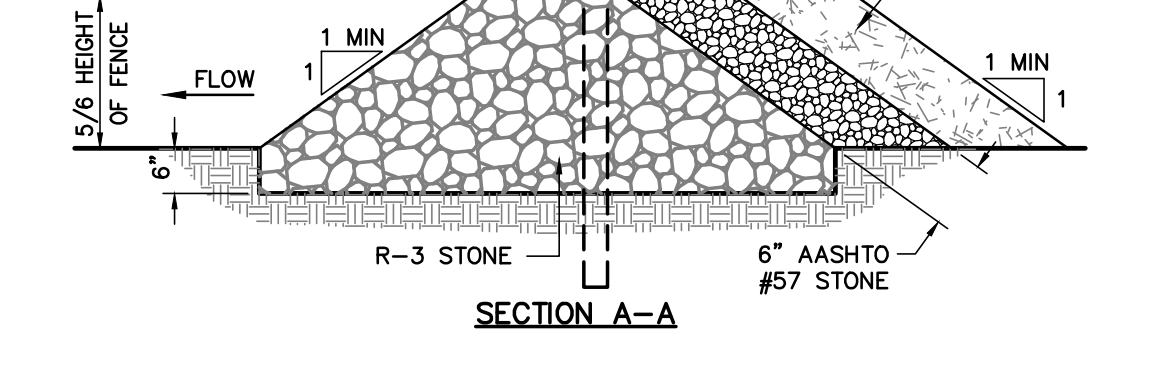
COMPLETION CERTIFICATE AND FINAL PLANS
WITHIN 30 DAYS AFTER THE COMPLETION OF EARTH DISTURBANCE ACTIVITIES AUTHORIZED BY THIS PERMIT, INCLUDING THE PERMANENT STABILIZATION OF THE SITE AND PROPER INSTALLATION OF PCSM BMPs IN ACCORDANCE WITH THE APPROVED PCSM PLAN, OR UPON SUBMISSION OF THE N.O.T. IF SOONER, THE PERMITTEE SHALL FILE WITH THE DEPARTMENT OR AUTHORIZED CONSERVATION DISTRICT A STATEMENT SIGNED BY A LICENSED PROFESSIONAL AND BY THE PERMITTEE CERTIFYING THAT WORK HAS BEEN PERFORMED IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THIS PERMIT AND THE APPROVED E&S AND PCSM PLANS.



ROCK FILTER OUTLET DETAIL
NOT TO SCALE



SECTION A-A



PLAN

NOTES:

- ROCK FILTER OUTLETS TO BE PROVIDED AT ALL EXISTING OR PROPOSED LOW POINTS AND ALL AREAS OF CONCENTRATED FLOWS.
- SEDIMENT MUST BE REMOVED WHEN ACCUMULATIONS REACH 1/3 THE HEIGHT OF THE OUTLETS.
- COMPOST LAYER IS REQUIRED IN ALL HQ AND EV WATERSHEDS.

FILTER BAG TO BE USED WHEN/IF WATER PONDS IN EXCAVATIONS.

- LOW VOLUME FILTER BAGS SHALL BE MADE OF NON-WOVEN GEOTEXTILE WHICH RETAINS ALL SEDIMENT PARTICLES LARGER THAN 150 MICRONS. HIGH VOLUME BAGS SHALL BE MADE FROM WOVEN GEOTEXTILES MEETING THE FOLLOWING STANDARDS:

PROPERTY	TEST METHOD	MINIMUM STANDARD
AVG. WIDTH STRENGTH	ASTM D-4984	60 LB/IN
GRAB TENSILE	ASTM D-4632	205 LB
PUNCTURE	ASTM D-4833	110 LB
MULLEN BURST	ASTM D-3786	350 PSI
UV RESISTANCE	ASTM D-4355	70%
AGS % RETAINED	ASTM D-4751	80 SIEVE

SEDIMENT FILTER BAG FOR PUMPED WATER
NOT TO SCALE

GENERAL EROSION & SEDIMENT CONTROL NOTES:

1. THE CONTRACTOR SHALL ASSURE THAT AN APPROVED EROSION & SEDIMENT CONTROL PLAN IS BEING IMPLEMENTED AND MAINTAINED FOR ALL OFFSITE BORROW OR SPOIL SITES.

1.1. ALL FILL MATERIALS TO BE USED ON THIS SITE SHALL BE CLEAN FILL UNLESS OTHERWISE APPROVED BY THE MUNICIPALITY AND THE CONSERVATION DISTRICT. THE CONTRACTOR SHALL BE RESPONSIBLE TO PERFORM DUE DILIGENCE IN DETERMINING THAT FILL IS CLEAN.

1.2. INVESTIGATIVE TECHNIQUES SHALL INCLUDE, BUT ARE NOT LIMITED TO, VISUAL PROPERTY INSPECTIONS, ELECTRONIC DATA BASE SEARCHES, REVIEW OF PROPERTY OWNERSHIP, REVIEW OF PROPERTY USE HISTORY, SANBORN MAPS, ENVIRONMENTAL QUESTIONNAIRES, TRANSACTION SCREENS, ANALYTICAL TESTING, ENVIRONMENTAL ASSESSMENTS OR AUDITS.

2. FOR PROJECTS THAT REQUIRE NPDES PERMIT, LANDOWNER OR HIS DESIGNATED REPRESENTATIVE SHALL MAINTAIN, AND MAKE AVAILABLE TO THE MONTGOMERY COUNTY CONSERVATION DISTRICT, COMPLETE, WRITTEN INSPECTION LOGS OF THE INSPECTION AND MAINTENANCE OF ALL EROSION-SEDIMENT CONTROL BMPs.

3. SEEDING, MULCHING AND FERTILIZING SHALL BE IN ACCORDANCE WITH THE SEEDING AND MULCHING SCHEDULE NOTED UNDER TEMPORARY AND PERMANENT STABILIZATION.

4. ANY SEDIMENT OR MUD THAT IS TRACKED ONTO THE PUBLIC ROADWAYS MUST BE CLEANED OFF IMMEDIATELY BY BROOMING AND/OR SHOVELING TO THE SATISFACTION OF THE TOWNSHIP AT THE EXPENSE OF THE DEVELOPER AND/OR RESPONSIBLE CONTRACTOR. USE OF A BACKHOE BUCKET TO SCRAPE ROADWAY SURFACE IS PROHIBITED. WHERE SAND AND/OR SEDIMENT IS CAUSING SLICK OR HAZARDOUS CONDITIONS, ROADWAY SURFACE SHALL BE PRESSURE WASHED TO REMOVE THE CONTAMINATION. ALL SEDIMENT LADEN WATER MUST BE FILTERED IN A MANNER SATISFACTORY TO THE MONTGOMERY COUNTY CONSERVATION DISTRICT BEFORE ENTERING STORM SEWERS AND/OR DRAINAGE CHANNELS.

5. NO SEDIMENT OR SEDIMENT LADEN WATER MUST BE ALLOWED TO LEAVE THE SITE WITHOUT FIRST BEING FILTERED TO THE SATISFACTION OF MONTGOMERY COUNTY CONSERVATION DISTRICT. ANY PUMPED WATER MUST BE DIRECTED TO A FILTER BAG DEVICE DISCHARGING OVER NON-DISTURBED AREAS.

6. THE SEDIMENT AND EROSION CONTROL MEASURES SHOWN ON THIS PLAN HAVE BEEN PREPARED IN ACCORDANCE WITH REQUIREMENTS OF THE MONTGOMERY COUNTY CONSERVATION DISTRICT. GILMORE AND ASSOCIATES DOES NOT TAKE ANY RESPONSIBILITY IN OBSERVING AND CERTIFYING THE CONSTRUCTION OF THESE FACILITIES UNLESS REQUESTED SPECIFICALLY BY THE OWNER AND/OR CONTRACTOR. THEREFORE GILMORE AND ASSOCIATES DOES NOT ACCEPT ANY RESPONSIBILITY FOR DAMAGES AS A RESULT OF IMPROPER CONSTRUCTION AND/OR MAINTENANCE OF FACILITIES DURING CONSTRUCTION.

6.1. THE APPLICANT AND HIS DESIGNATED REPRESENTATIVE ARE RESPONSIBLE FOR INSURING THAT A LICENSED PROFESSIONAL HAS OVERSIGHT RESPONSIBILITIES FOR THE DESIGN AND PROPER INSTALLATION OF STORMWATER BMPs IDENTIFIED IN THESE PLANS (IF ANY) PRIOR TO SUBMISSION OF A 'NOTICE OF IDENTIFICATION' FOR THE PROJECT. THE LICENSED PROFESSIONAL SHALL CERTIFY THAT THE STORMWATER BMPs IDENTIFIED IN THE PLAN HAVE BEEN INSTALLED IN ACCORDANCE WITH THE APPROVED PLAN.

6.2. THE INSTALLATION SCHEDULE AND MAINTENANCE REQUIREMENTS FOR ANY AND ALL IDENTIFIED STORMWATER MANAGEMENT BMPs INCLUDED IN THESE PLANS MUST BE FOLLOWED. FAILURE TO COMPLY WITH PLAN SPECIFICATIONS IS A VIOLATION OF THE CLEAN STREAM LAW AND CLEAN WATER ACT.

7. ACCUMULATED SEDIMENTS REMOVED FROM ANY AND ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DISPOSED OF IN LANDSCAPED AREAS OUTSIDE OF STEEP SLOPES, WETLANDS, FLOODPLAINS OR DRAINAGE SWALES. REPLACED SOILS SHALL BE SEED AND MULCHED IMMEDIATELY.

8. UPON COMPLETION OR ANY TEMPORARY CESSATION LONGER THAN 4 DAYS OF THE EARTH DISTURBANCE ACTIVITY, THE PROJECT SITE SHALL BE IMMEDIATELY STABILIZED IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED IN THE EROSION AND SEDIMENT POLLUTION CONTROL PROGRAM MANUAL (E&S MANUAL), COMMONWEALTH OF PENNSYLVANIA, DEPARTMENT OF ENVIRONMENTAL PROTECTION NO. 363-2134-008, MARCH 2012, AS AMENDED AND UPDATED. EROSION AND SEDIMENT CONTROL BMPs SHALL BE IMPLEMENTED AND MAINTAINED UNTIL PERMANENT STABILIZATION IS COMPLETED AND PCSM OPERATIONAL AND OPERATIONAL.

9. CONTRACTOR SHALL FOLLOW THE PROCEDURES OUTLINED BY THE APPROVED EROSION & SEDIMENT CONTROL PLAN AND THE SEQUENCE OF CONSTRUCTION UNLESS OTHERWISE APPROVED BY THE TOWNSHIP ENGINEER AND THE MONTGOMERY COUNTY CONSERVATION DISTRICT.

MAINTENANCE OF FACILITIES:

1. COMPOST SOCK/SILT FENCE SHOULD BE INSPECTED AND MAINTAINED ON A DAILY BASIS.

2. UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENT CONTROL DEVICES MUST BE MAINTAINED PROPERLY. MAINTENANCE MUST INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENT CONTROL DEVICES AFTER EACH RAINOFF EVENT OF 1" OR GREATER AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, REGRADING, RESEEDING, REMULCHING, AND RETENING MUST BE PERFORMED IMMEDIATELY. IF E&S CONTROL BMPs FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMPs OR MODIFICATIONS OF INSTALLED MEASURES WILL BE REQUIRED.

3. SHOULD THE TREE PROTECTION FENCING BE DISTURBED AT ANY POINT, IT SHALL BE REPLACED IMMEDIATELY.

4. THE CONTRACTOR SHALL HAVE AVAILABLE WATER TRUCKS OR OTHER MEANS OF CONTROLLING EXCESSIVE DUST AND AIRBORNE DEBRIS.

5. ALL AREAS OF CONCENTRATED SURFACE DRAINAGE SHALL BE SEEDING AND MULCHED, AND PROTECTED WITH TEMPORARY TURF REINFORCEMENT MAT: NORTH AMERICAN GREEN #5150 (OR EQUAL). IF AREAS ARE TO BE SOODED, TURF REINFORCEMENT IS NOT REQUIRED.

6. SEEDING AREAS THAT HAVE WASHED AWAY SHALL BE FILLED AND GRADED AS NECESSARY AND THEN RESEDED. A BURLAP OR STRAW COVER WILL BE APPLIED TO RETAIN THE SEED UNTIL IT HAS A CHANCE TO ROOT PROPERLY.

7. THE ABOVE PROCEDURE SHALL BE REPEATED AFTER EACH SIZEABLE STORM UNTIL NO MORE SIGNS OF EROSION ARE EVIDENT. AT MONTHLY INTERVALS THEREAFTER, INSPECTIONS AND NECESSARY CLEANING WILL BE DONE. TRASH THAT IS REMOVED FROM ANY OF THE CONTROL DEVICES SHALL BE DISPOSED OF AT AN APPROVED DISPOSAL AREA. SILT THAT HAS ACCUMULATED SHALL BE REMOVED AND ALLOWED TO DRY AND USED AS FILL WHEREVER REQUIRED ON THE SITE.

8. IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE CONTRACTOR SHALL IMPLEMENT APPROPRIATE MEASURES TO ADDRESS SAID CIRCUMSTANCES.

GILMORE & ASSOCIATES, INC.
ENGINEERING & CONSULTING SERVICES
16 EAST BUTLER AVENUE, SUITE 100, NEW BRITAIN, PA 17857-3300
WWW.GILMORE-INC.COM

G&A

TAX MAP PARCEL NO.: 34-00-0732-00-7
BLOCK 003, UNIT 004
JOB NO.: 2009017
MUNICIPAL FILE NO.: XX
OWNER: FRANKONIA TOWNSHIP, 671 ALLENTOWN ROAD, TELFORD, PA 18924, 219-725-1137
PERMIT PLANS: ESC DETAILS & NOTES AND GENERAL CONSTRUCTION DETAILS
GODSHALL POND REHABILITATION
FRANKONIA TOWNSHIP, MONTGOMERY COUNTY, PENNSYLVANIA

DATE: 03/12/2021
SCALE: 1"=20'
DESIGNED BY: SKD
DRAWN BY: XX
CHECKED BY: DCR
TOTAL AREA: 11.239 AC
TOTAL LOTSE: 1

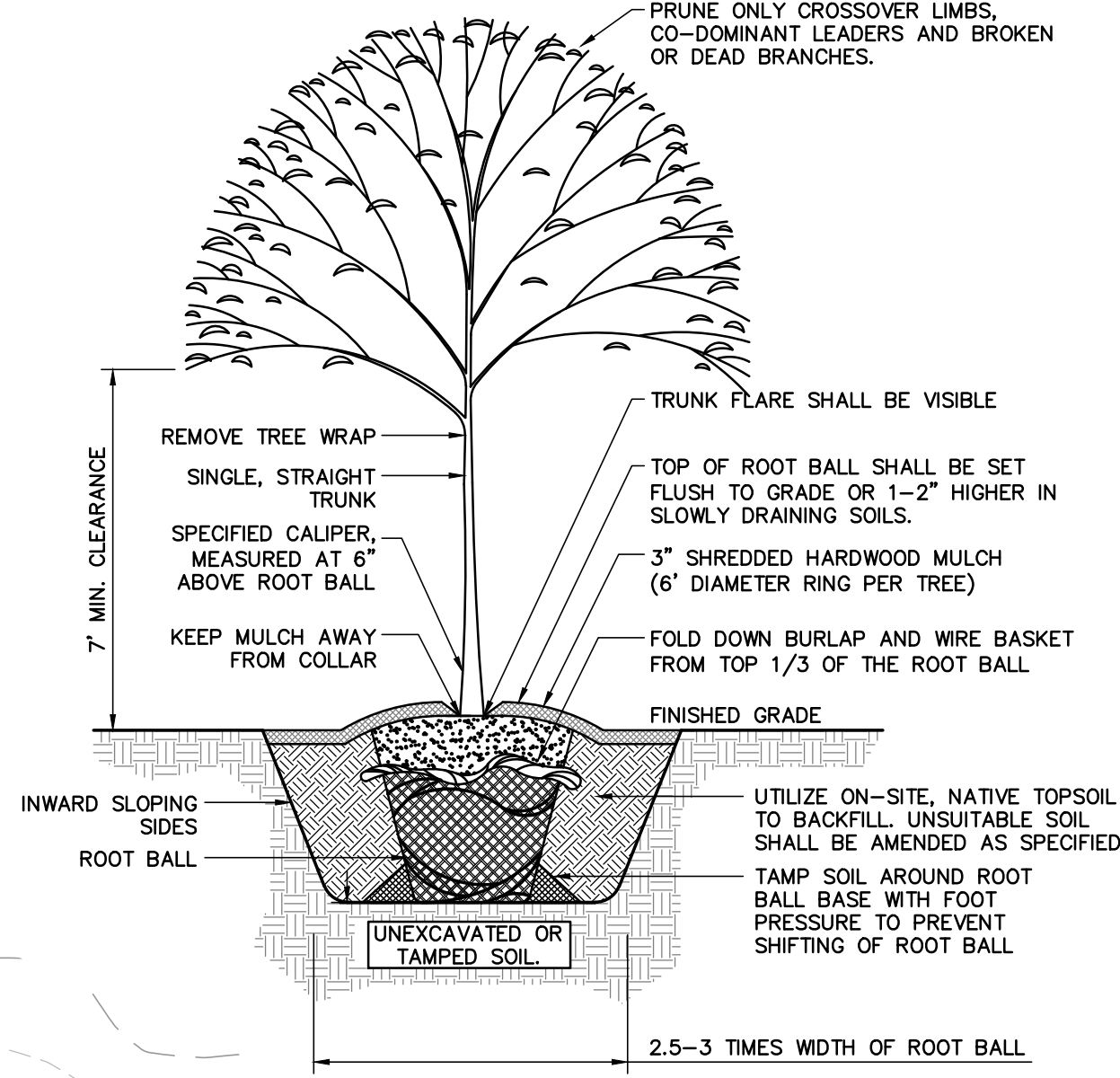
REVISIONS:

NO.	REVISION	DATE	BY
1	REVISED PER WCD COMMENTS DATED 9/9/21	10/14/21	SKD

SHEET NO.: 7 of 8

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
TD	3	TAXODIUM DISTICHUM	BALD CYPRESS	2 1/2" CAL	B&B	
CS	10	CORNUS SERICEA	REDTWIG DOGWOOD	24" MIN	CONT	

ERNMX-180 RAIN GARDEN SEED MIX (18,540 S.F.)

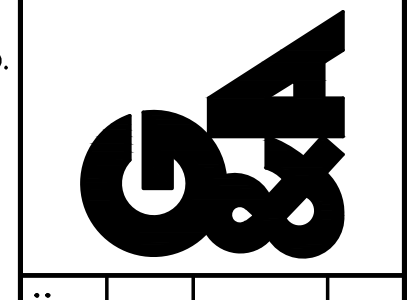


GILMORE & ASSOCIATES, INC.
ENGINEERING & CONSULTING SERVICES

16 EAST BUTLER AVENUE, SUITE 100, NEW BRITAIN, CT 06101-3143-3300 • www.gilmore-inc.com

ONLY THOSE PLANS INCORPORATING THE PROFESSIONAL SEAL SHOULD BE CONSIDERED OFFICIAL AND RELIED UPON BY USER. THIS PLAN IS HEREBY REVOKED AND RECALLED. NO REVISIONS OR AMENDMENTS HEREON, MODIFICATION, REVISION, DUPLICATION OR USE, WITHOUT THE CONSENT OF GILMORE & ASSOCIATES, INC. IS PROHIBITED.

© COPYRIGHT 2020 GILMORE & ASSOCIATES, INC. ALL RIGHTS RESERVED.



TAX MAP PARCEL NO.: 34-00-01732-00-7
BLOCK 003, UNIT 004

MUNICIPAL FILE NO.: XX

JOB NO.: 2009017

OWNER: FRANKONIA TOWNSHIP
671 ALLENTOWN ROAD
TELLEFORD, PA 18924
215-725-1157

TOTAL AREA: 11.239 AC
DATE: 03/12/2021

SCALE: 1"=20'

DRAWN BY: SKD
DESIGNED BY: SKD

CHECKED BY: DCR

PERMIT PLANS

LANDSCAPE PLAN

GODSHALL POND REHABILITATION

FRANKONIA TOWNSHIP, MONTGOMERY COUNTY, PENNSYLVANIA

REVISED PER WCD COMMENTS DATED 9/29/21

10/14/21

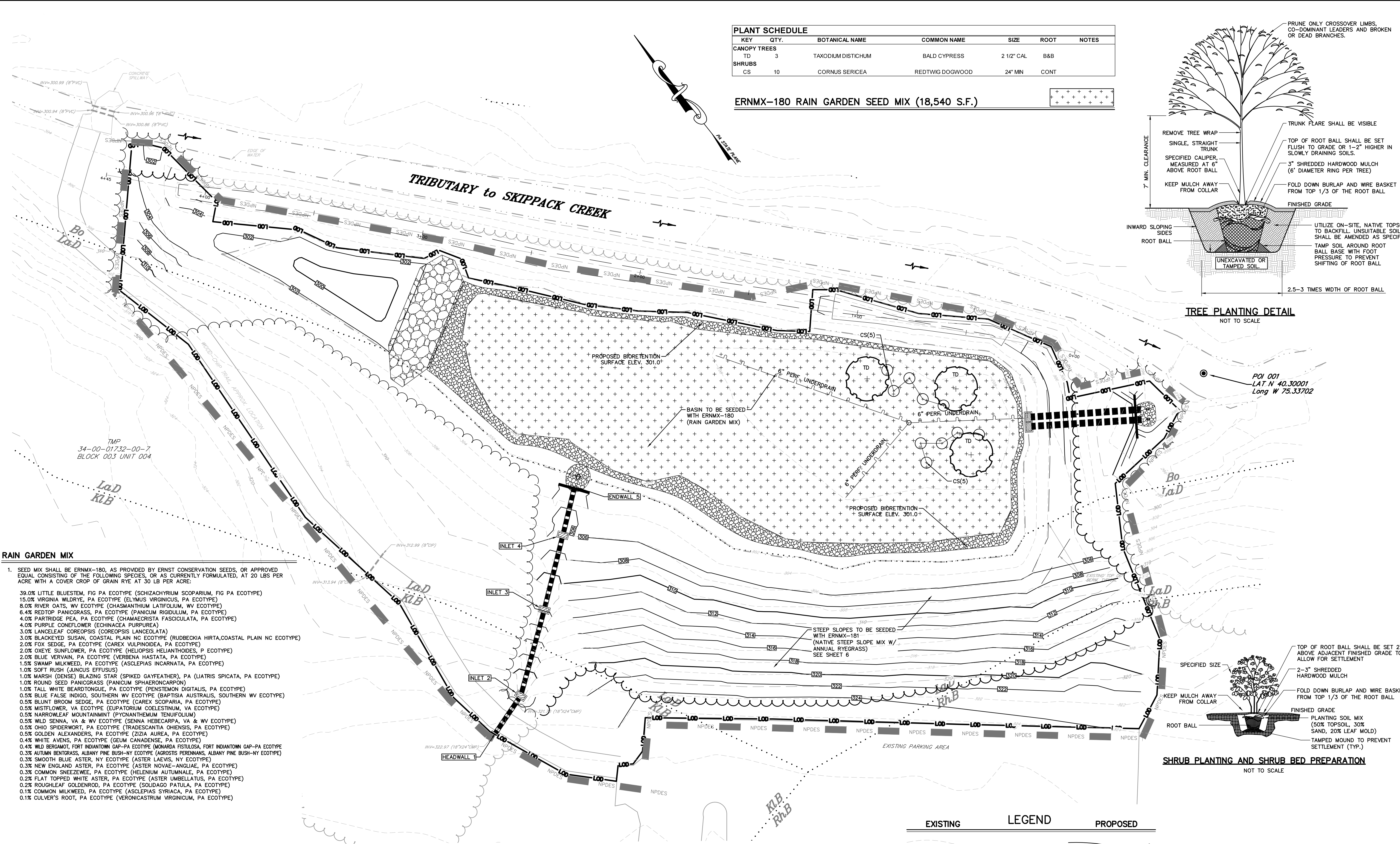
SKD

BY

DATE

DESCRIPTION

SHEET NO.: 8 OF 8



PENNSYLVANIA ONE CALL SYSTEM, INC.

925 Twin Run Road
West Chester, Pennsylvania
19380-1078

811

BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA CALL 1-800-242-1776

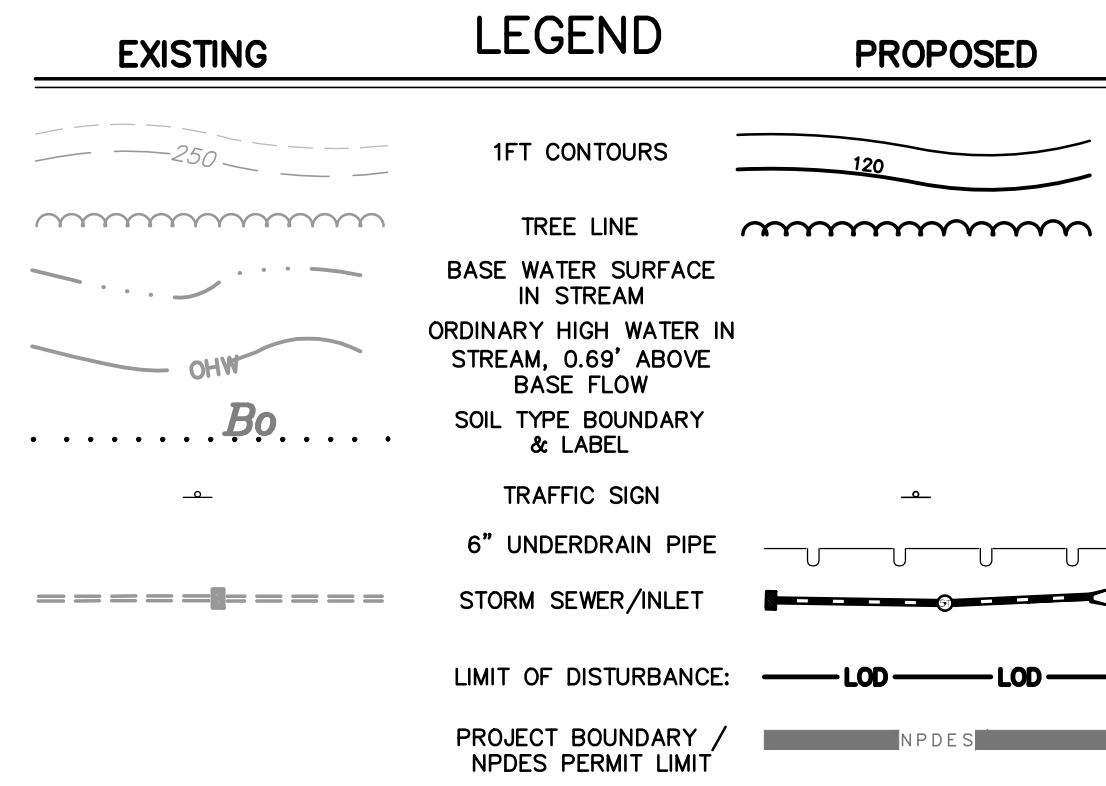
NON-MEMBERS MUST BE CONTACTED DIRECTLY
AS LAW REQUIRES THREE WORKING DAYS
NOTICE TO UTILITIES BEFORE YOU EXCAVATE,
DRILL, BLAST OR REMOVS

SERIAL NO. 2020-2581413

LOCATIONS OF EXISTING UNDERGROUND UTILITIES/FACILITIES SHOWN HEREON HAVE BEEN DEVELOPED FROM RECORDS, FIELD MARKOUTS BY UTILITY OWNERS, AND/OR ABOVE-GROUND OBSERVATION OF THE SITE. NO EXCAVATIONS WERE PERFORMED IN THE PREPARATION OF THESE DRAWINGS; THEREFORE ALL UTILITIES SHOWN SHOULD BE CONSIDERED APPROXIMATE IN LOCATION, DEPTH, AND SIZE. THE POTENTIAL EXISTS FOR OTHER UNDERGROUND UTILITIES/FACILITIES TO BE PRESENT WHICH ARE NOT SHOWN ON THE DRAWINGS. ONLY THE VISIBLE LOCATIONS OF UNDERGROUND UTILITIES/FACILITIES AT THE TIME OF FIELD SURVEY SHALL BE CONSIDERED TRUE AND ACCURATE. COMPLETENESS OR ACCURACY OF UNDERGROUND UTILITIES/FACILITIES ARE NOT GUARANTEED BY GILMORE & ASSOCIATES INC.

ALL CONTRACTORS WORKING ON THIS PROJECT SHALL VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES/FACILITIES PRIOR TO START OF WORK AND SHALL COMPLY WITH THE REQUIREMENTS OF P.L. 852, NO. 287 DECEMBER 10, 1974 AS LAST AMENDED ON APRIL 28, 2019 PENNSYLVANIA ACT 50.

GILMORE & ASSOCIATES INC. HAS OBTAINED A PA-ONE CALL SERIAL NUMBER AS NOTED HEREON FOR DESIGN PURPOSES ONLY.





**OPERATIONS MANUAL
FOR ALL MUNICIPAL-OWNED STORMWATER FACILITIES**

**FOR
FRANCONIA TOWNSHIP
BUCKS COUNTY, PENNSYLVANIA**

The goal of this Operations, Inspection, Maintenance and Repair Manual is to ensure that all of Franconia Township's stormwater facilities are functioning properly and to prevent or reduce pollutant runoff to the maximum extent practical. If work on any part of the Township's stormwater system is conducted by outside contractors, they will be also required to follow the procedures outlined in this Manual.

**Pollution Prevention, Good Housekeeping Procedures, and
Training for Municipal Operations**

Implementation of pollution prevention and good housekeeping are the simplest and least costly methods to help protect stormwater quality from municipal facilities. These are integral components to an effective stormwater management policy because it is easier to prevent pollution from entering waterways than to clean it up later. As part of the operations outlined in this Manual, the Township must conduct basic awareness training of all municipal employees regarding stormwater management and ensure that employees understand the procedures developed in this Manual. The Township must also establish a basic level of awareness of stormwater issues among municipal employees, especially those in management and those responsible for implementing the procedures outlined in this Manual. This Operations and Maintenance Manual will be reviewed periodically and revised as needed.

Good Housekeeping

Good housekeeping practices are designed to maintain a clean and orderly work environment. Often the most effective first step towards preventing pollution in the stormwater collection system simply involves using good common sense to improve basic housekeeping methods. A clean and orderly work area reduces the possibility of accidental spills caused by mishandling of the chemicals or equipment and should reduce safety hazards to Township personnel.

- Maintain clean, dry floors and ground surfaces by using brooms, shovels, vacuum cleaners, etc. Sweeping shall be conducted as needed to remove dirt and other debris, as well as immediately following loading/ unloading activities, when practical.
- Regularly pickup garbage and waste materials and place all trash, dirt and other debris in the dumpster. The Township's recycling program shall be utilized to collect and properly dispose of paper, plastic, cans, and bottles.

Material Storage Practices

Improper storage can result in the release of materials or chemicals that can cause stormwater runoff pollution. Keep storage areas clean and well organized and provide adequate aisle space to facilitate material transfer and for easy inspections.

- All containers, drums, and bags shall be stored away from direct traffic routes to prevent accidental spills.
- When practical, chemicals, fluids, and supplies will be kept indoors.
- All containers shall be properly labeled or marked and kept in good condition and tightly closed when not in use.
- Perform regular inspections of all indoor storage locations.

Materials Handling Practices

Absorbent materials, spill kits and drip pans must be kept near any potential spill hazard and protected from rainfall. If spills or accidents occur, contain with dikes, berms, or appropriate absorbent materials and dispose of properly after use. Spills of hazardous materials require special care and should only be attempted by trained Township or contracted personnel. Collect all waste fluids in properly labeled containers and dispose of properly.

Annual Reports

Annual reports should be prepared, indicating detailed and site-specific information regarding procedures and activities for ditches, roadside swales, stormwater basins, catch basins, stormwater pipes, etc. by the Public Works employee performing the operations and maintenance. The reports need to describe which facilities were maintained, cleaned, inspected, etc. during the permit year. The number of facilities inspected/maintained, amount of debris and where it was disposed, and any other applicable information should also be included. For facilities that require more frequent routine maintenance, they should also be noted.

Stormwater Facility Operation and Inspection

Stormwater Facility Operation

All municipally owned stormwater facilities will be operated according to their design specifications and in a manner that prevents or reduces adverse environmental or public health and safety impacts.

Stormwater Facility Inspection

Inspections are to be conducted by Franconia Township Public Works Department or other responsible Township representatives to evaluate the performance of the stormwater facilities and to determine the potential amounts of pollutants, trash and debris entering and discharging from the stormwater collection system. These inspections should occur as part of regular job duties.

- Inspections will check for extensive silt build up, erosion, sedimentation, collapsed pipes, misaligned pipe joints and water quality concerns such as dry weather flow, illicit discharges, unusual algae growth, discolored water, water with sheen, unusual odors, etc.
- Stormwater facilities should be inspected prior to and after any major storm event, and annually and routinely inspected and freed of debris.
- Any stormwater control facility that appears not to function properly is to be addressed as soon as possible by Public Works or brought to the attention of the Township Engineer.
- All inspection activities, results and recommendations are to be documented in writing and kept on file with the Township. Typical records to be retained for future reference include a log of all inspections, repairs and maintenance performed at the site, copies of inspection reports, invoices for work performed by outside contractors and photographs when required of the facility. Annual inspection reports should be sent to the Township Engineer for review and included in the NPDES Phase II MS4 Annual Reports.
- The Township should create and maintain a priority list of drainage improvements for budgetary purposes. The Township currently requires storm sewer fees and stormwater maintenance fees for development. The fees should be kept in a stormwater fund which shall be permitted to be used for stormwater improvements via Township Resolution.

Specific Stormwater Facility Operation and Inspection Guidelines

Roadways

Franconia Township owns and maintains approximately **60** miles of roadways. Various roads located within Franconia Township are maintained by the Pennsylvania Department of Transportation:

- The overall condition and cleanliness of Township roads and parking lots shall continually be inspected and evaluated during routine travel by the Public Works Department.

- Those with excessive debris and sediment will be cleaned as needed and all necessary repairs will be made.
- Appropriate corrective actions shall be considered for any areas where excessive flooding or poor drainage areas exist.

Storm Drain Inlets

Franconia Township owns and maintains approximately 450 storm drain inlets located along roadways and within parking lots throughout Township.

- All inlets are inspected at least annually for structural defects and scheduled for repairs.
- All inlets are cleaned before and after rain events.
- Storm drains that accumulate trash or debris more quickly will be inspected more frequently. The drainage area will also be inspected to determine possible causes. Catch basins in which debris significantly exceeds the one-third depth should be inspected twice annually.
- While cleaning inlets for debris, they will also be inspected for illicit dumping or illicit discharges. Every attempt will be made to trace these back to their origin. Corrective action will be taken against that party.

Storm Sewer Piping, Drainage Channels, and Outfalls

The Township owns several large box culverts and more than 50 miles of underground storm sewer piping ranging in size from 14 inches to 72 inches. The age of the piping ranges from 60 years or older to new pipe that was recently installed. The piping is constructed of reinforced concrete pipe, corrugated metal pipe, HDPE pipe, etc. The Township also maintains many miles of ditch lines, culverts and swales.

- Open conveyances will be inspected annually by Public Works personnel to check for trash, debris, sediment build-up, erosion, sedimentation, obstructions and general water quality conditions.
- Piping will be inspected as needed to check for structural integrity, blockages, or any other unusual conditions such as improper cross connections or excessive inflow/infiltration.
- Stormwater outfalls will be periodically inspected for any unusual conditions such as excessive erosion or illicit discharges.

Stormwater BMP'S

Franconia Township owns six stormwater BMP'S within the Township residential community (detention basins). These BMP'S are to be inspected at least quarterly to check for sediment accumulation and overall conditions. They should be inspected before and after large rain events to evaluate overall performance and drainage characteristics. Basin bottoms, trash racks, outlet structures, riprap, inlets, etc. shall be inspected for erosion, bare spots, invasive plants, clogging, excessive debris, erosion, sediment accumulation after every storm event greater than an inch of rainfall.

Stormwater Facility Maintenance and Repair

Franconia Township's stormwater facility O&M program is structured to provide inspections of all facilities and to provide maintenance as required. All maintenance activities are to be documented in writing and kept on file with the Township. When possible, pictures will be taken of various storm sewer system components to document before and after maintenance conditions.

Roadway Repaving

Franconia Township is responsible for repairs and maintenance of all Township roadways. If paving, repairs or line painting is needed, the work will be performed by Township employees or outside contractors and the following guidelines will be followed:

- Avoid paving activities when wet weather is evident.
- Ensure that storm sewer drain inlets and manholes are protected during road repair to prevent material from entering storm sewer system.
- Avoid using water to clean up. Mechanically sweep and or vacuum dust and debris following all activities. DO NOT wash debris into storm sewer system inlets.
- Contain water and wastes generated during cleaning and flushing of spray equipment and field servicing equipment. Use inlet protection devices and allow area to dry before uncovering storm drain inlets.
- Recycle used material such as asphalt by taking to local quarry for reuse in blacktop.
- Use drip pans to contain leaks from vehicles and equipment parked at the site overnight.

Traffic Line Painting

- Develop paint-handling procedures for proper use, storage and disposal of paint to keep the material contained.
- Protect storm drain inlets from spillage of paint material.
- All paint to be used will be water-based paint.
- All cleaning and flushing of equipment will be contained to 5-gallon containers, allowed to evaporate, and then placed into waste containers for removal.

Snow Removal and Deicing

The storage and application of materials used for roadway de-icing or traction control shall be conducted in a manner that reduces the impact to the storm sewer system and the environment. Franconia Township uses salt mixed with anti-skid stone at a ratio of 75% salt/25% anti-skid for deicing. All road salt is stored indoors at the Public Works Facility. All salt storage is to be protected from precipitation.

- During loading and unloading of salt, prevent and or minimize spills by utilizing safe work practices and sound judgment.
- If any material is spilled, it will be promptly cleaned up with the Township's street sweeper or by hand.
- Minimize the tracking of materials from the salt barn and the distance that road salt is transported during loading and unloading operations. Due to the undersized storage area currently available for salt storage, salt is frequently spilled outside the storage area. This is swept as needed to prevent contaminated stormwater runoff.
- All operators of snow plows/salt spreaders are to be trained in the proper application rates of road salt. The salt spreaders are to be examined before and after operating to ensure that they are operating properly.
- The application of road salt to roads or parking lots will only be enough to accomplish the task and will take into consideration site-specific characteristics such as road width and design, traffic concentration, and proximity to surface waters.

Street Sweeping

All streets in Franconia Township are swept in the spring with Township-owned

vacuum sweeper and on an as needed basis after initial sweeping. DO NOT wash sediment or debris into storm sewer system inlets.

Stormwater Facilities

Franconia Township personnel shall schedule cleaning of municipal storm drain inlets when inspections reveal an excessive accumulation of sediment or debris, but prior to any storm event predicted to be one inch or greater. Structural repairs to any part of storm drain inlets will be performed as needed, including replacement of damaged or deficient piping. If inspections of storm sewer piping reveal structural deficiencies, cross-connections, tree roots, sediment build up or other obstructions, then the appropriate maintenance solution will be selected and implemented as soon as possible. These solutions may include excavation and repair, tree root removal, physical cleaning, etc. Chemical agents shall not be used. For cleaning techniques such as jet/vacuum, rodding or bucketing, the downstream end of the pipe will be blocked off and the debris collected and removed from the system. Maintenance/repairs may include, but are not limited to:

- Maintaining easements.
- Replacement or reconstruction of damaged storm sewer structures.
- Reconstruction of channels and swales.
- Swale maintenance (i.e. seed bare spots, eliminate rills or gullies, suppress weeds, maintain a uniform cross-section, longitudinal slope, mow/remove overgrown vegetation, trash removal, etc.).
- Installation or replacement of salt-tolerant vegetation and/or lining material.
- Elimination of low points where possible.
- Installation of underdrain.
- Removal of sediment and other debris; Sediment removal should be conducted while the facilities are dry. Sediment should be disposed of properly and once sediment is removed, disturbed areas need to be immediately stabilized and re-vegetated.
- Mowing and/or trimming of vegetation should be performed as necessary.
- Longer meadow grasses are preferred over shorter lawns.

Disposal of Debris

Any materials recovered from any part of the storm sewer collection system will be

handled and disposed of in accordance with all applicable state and federal disposal regulations. All recovered materials, especially those from storm drain inlets, piping, or basins, will be evaluated to determine if it is municipal, residual or hazardous waste.

Fertilizers, Herbicides and Pesticides

Any planned herbicide or pesticide application on Township-owned land or around any part of the storm sewer collection system will be reviewed by FranconiaTownship personnel in order to comply with all applicable regulations and to prevent adverse water quality impacts.

- Applications will only be conducted by outside contractors who have proper applicator's license from the PA Department of Agriculture.
- Fertilizers, herbicides, and pesticides shall be applied exactly according to manufacturer guidelines, as more is not always better in the case of chemical application. The use of these chemicals will be limited as much as possible and non-hazardous alternatives shall be encouraged.