

ANNUAL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) STATUS REPORT

LOWER PROVIDENCE TOWNSHIP, MONTGOMERY COUNTY
PENNSYLVANIA



100 PARKLANE DRIVE
EAGLEVILLE, PA 19403

September 30, 2023
(MS4 Reporting Period July 1, 2022 to June 30, 2023)

Prepared by:

**CENTER FOR
WATERSHED
PROTECTION**

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ANNUAL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) STATUS REPORT

FOR THE PERIOD July 1, 2022 TO JUNE 30, 2023

GENERAL INFORMATION					
Permittee Name:	Lower Providence Township	NPDES Permit No.:	PAG130018		
Mailing Address:	100 Parklane Drive	Effective Date:	02/01/2004		
City, State, Zip:	Eagleville, PA 19403	Expiration Date:	03/09/2008		
MS4 Contact Person:	Paul Donnelly	Renewal Due Date:	09/16/2017		
Title:	Assistant Township Manager	Municipality:	Lower Providence Township		
Phone:	610-635-3514	County:	Montgomery		
Email:	pdonnelly@lowerprovidence.org				
Co-Permittees (if applicable):					
Appendix(ces) that permittee is subject to (select all that apply):					
<input type="checkbox"/> Appendix A <input checked="" type="checkbox"/> Appendix B <input checked="" 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?
Skippack Creek	WWF/MF	Yes	Siltation & Nutrients	Yes	Yes
Perkiomen Creek	WWF/MF	Yes	Pathogens	No	N/A
Mine Run	WWF/MF	Yes	Siltation & Nutrients	No	N/A
Schuylkill River	WWF/MF	Yes	Pathogens	No	N/A
Indian Creek	WWF/MF	Yes	Siltation (and Cause Unknown and Water/Flow Variability)	No	N/A
Stony Creek	TSF, MF	Yes	Siltation (and Turbidity and Water/Flow Variability)	No	N/A
Unnamed Tributaries to Schuylkill River	WWF/MF	Yes	Siltation (and Water/Flow Variability)	No	N/A
Unnamed Tributaries to Stony Creek	TSF, MF	Yes	(Cause Unknown)	No	N/A

GENERAL MINIMUM CONTROL MEASURE (MCM) INFORMATION

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

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

MCM	Entity Responsible	Contact Name	Phone
#1 Public Education and Outreach on Storm Water Impacts	Lower Providence Twp	Paul Donnelly, Asst Township Manager	610-539- 8020
#2 Public Involvement/Participation	Lower Providence Twp	Paul Donnelly, Asst Township Manager	610-539- 8020
#3 Illicit Discharge Detection and Elimination (IDD&E)	Lower Providence Twp	Paul Donnelly, Asst Township Manager	610-539- 8020
#4 Construction Site Storm Water Runoff Control	Lower Providence Twp	Paul Donnelly, Asst Township Manager	610-539- 8020
#5 Post-Construction Storm Water Management in New Development and Redevelopment	Lower Providence Twp	Paul Donnelly, Asst Township Manager	610-539- 8020
#6 Pollution Prevention / Good Housekeeping	Lower Providence Twp	Paul Donnelly, Asst Township Manager	610-539- 8020

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

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

- For new permittees only, has the written PEOP been developed and implemented within the first year of permit coverage?
☐ Yes ☐ No
- Date of latest annual review of PEOP: June 2023 Were updates made? ☐ Yes ☒ No
- What were the plans and goals for public education and outreach for the reporting period?
Continue with updated Public Education and Outreach Program (PEOP).
- Did the MS4 achieve its goal(s) for the PEOP during the reporting period? ☒ Yes ☐ No
- Identify specific plans and goals for public education and outreach for the upcoming year:

In the next reporting period the Township plans to:
 -Complete a major update of the written PEOP.
 -Continue education and outreach in partnership with the Perkiomen Watershed Conservancy (PWC), including increasing to the Benefactor Level in their Municipal Membership program.
 -Publish at least one seasonal stormwater article in the Township newsletter using materials provided through the PWC program.
 -Provide at least one seasonal stormwater social media post using materials provided through the PWC program.
 -Complete a detailed review and update of the stormwater webpage on the Township's website.
 -Have at least two resources (brochures/handouts) available in the lobby of the Township Municipal Building for public distribution.

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 2023 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 2023 Were updates made? ☐ Yes ☒ No

3. Do you have a municipal website? ☒ Yes ☐ No (URL: lowerprovidence.org/stormwater-management)

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

The Township has a stormwater webpage on the Township website. The webpage contains basic information on stormwater management, including what stormwater is and pollution prevention information with links to informative articles entitled "Frequent Heavy Rain Events Spell Stormwater Trouble" (published as Township News, Winter 2019) and "Stormwater Runoff and Record Rain" (published as Township News, Fall 2019). The stormwater webpage also contains subsections with the following:

- Helpful Resources (contains links to Lower Providence Township's Stormwater Management Program information, Perkiomen Watershed Conservancy, MS4 information from DEP and EPA, and resources from other partner entities).
- Resources for Businesses (contains a link to the StormwaterPA website).
- Skippack Creek Pollution Reduction Plan (contains a direct link to the DEP-approved "Skippack Creek Watershed Multi-Municipal Pollution Reduction Plan," dated in April 2022).
- Stormwater Management Ordinance (contains a direct link to the Township's Stormwater Management Ordinance, also located on eCode360).

4. Describe any other method(s) used during the reporting period to provide information on stormwater to the public:
Please refer to BMP #4 for additional methods used and Attachment A for supporting documentation.

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

The Township plans to accomplish the following at a minimum:

- Publish at least one stormwater article in the Township newsletter.
- Post at least one stormwater social media post.
- Complete and detailed review and update of the stormwater webpage on the Township website.
- Have and at least two printed brochures/handouts available in the lobby of the Township Municipal Building for public distribution.

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 Fall, Winter, and Summer Newsletters each contain an article pertaining to stormwater management including topics on "Conserving Water this Fall" and "The Difference Between Sanitary and Storm Sewers" (2022 Fall Newsletter); disposing of shoveled snow, using de-icing chemicals and salt, and making sure storm drains are clear, as well as information on trash, recycling and yard waste (2022 Winter Newsletter); "Stormwater Basics: What is an MS4?" was discussed in the 2023 Summer Newsletter which also included Summer Stormwater Management Tips for Homeowners; Trash, Recycling & Yard Waste Information was also posted in the 2023 Summer Newsletter.

-Dates and locations for Household Hazardous Waste was shared in the form of a flyer available to the public on the Township website and Social Media page (2023)

-The Township shared information on Stormwater Pollution Prevention Tips such as clean-up, careful fertilization, planting natives, and mowing techniques on their website (Spring 2023).

-The Township Website, Environmental Advisory Council Page has information on "Water Quality Resources & Information" as well as links to the EPA and PA DEP.

-The Township posted on its social media page information on preventing grass clippings and leaves from blowing into the street to avoid clogging storm drain infrastructure (11-07-2022)

-The Township posted on its social media page an informative explanation on why street sweeping is an important part of stormwater maintenance operations (06-05-2023)

-Stormwater educational materials, including brochures and pamphlets, can be found at the Township Municipal Building lobby.

-Stormwater education materials are displayed on a local cable TV and during community day discussions.

MCM #1 Comments:

Refer to Attachment A for MCM #1 supporting documentation.

Both the Target Audience List and the PEOP are in the process of being updated and will be provided with the next Annual MS4 Status Report.

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 2023

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: A series of MS4/stormwater presentations were made at Board of Supervisors (BOS) meetings in 2022 to solicit participation and feedback. The dates of the BOS meeting presentations were 3/17/2022, 4/7/2022, 4/21/2022, 5/5/2022, and 6/16/2022.

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 Environmental Advisory Council (EAC) published a slide show titled "2022 Report and Priorities for 2023" which shares with the public and township officials/staff the accomplishments and activities of the EAC from the previous year as well as priorities/goals for 2023. The slide show presentation notes that a new EAC member was welcomed as well as 3 student members to participate in the council, the EAC participated in 4 public education events that reached approximately 250 people, and participated in a stream clean-up on Shippack Creek organized by the Perkiomen Watershed Conservancy (PWC). This presentation is available on the Township website, EAC webpage.

-Lower Providence Township also shares information about Volunteer Opportunities through the EAC on their website, noting that the EAC is looking for new members. Community members may also be interested in joining the Eaglesville Park Restoration Group which is dedicated to "eradicating invasive species, re-introducing native species, and repairing erosion damage to its streams. The Group meets the third Saturday of each month at 10am, from April to October.

-The Township advertised the 2023 Montgomery County Household Hazardous Waste Drop-Off Events by posting links to the informational flyers on the Township website and on the Township Facebook page (03-07-2023).

-August 12, 2023 the Township supported the Master Watershed Steward program by sharing an event for Penn State Extension's native tree and shrub sale on their Facebook page. Proceeds for the plant sale support Master Watershed Steward activities including planting trees to intercept and infiltrate stormwater, stabilize soils, and filter pollutants.

-On April 28, 2023 the Township shared a post to their Facebook page with a link to "Water Quality Resources and Information" including a presentation by the EPA, background information and information on next steps for the Moyer's Landfill Superfund Site located in Eaglesville, PA.

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

-The Township participated in various Household Hazardous Waste Drop-Offs throughout 2022-2023.

-September 08, 2022 Lower Providence Township shared an event for a Clean up and Stream Study in Evansburg State Park supported by Lower Providence Township's EAC and State Representative Joe Webster. The event took place on September 9th, 2022, 4-6pm where participants conducted a litter clean-up and educational activities to understand stream health.

-Lower Providence Township also partners with Perkiomen Watershed Conservancy (PWC) to host events related to stormwater management education and activities. PWC hosted a Rain Barrel Workshop in Green Lane where attendees learned about rain barrel practices and were able to bring one home to install on their property. The event took place October 15, 2022. The Township advertised the workshop on Facebook on October 11, 2022.

-The partnership with PWC also led to the organization of a Perkiomen Stream Cleanup event (Event held April 15, 2023). The Perkiomen Stream Clean-up has become the largest single-day clean-up with over 1,433 volunteers taking part throughout the state of Pennsylvania during 2022, with 35 volunteers from Lower Providence Township totaling 105 volunteer hours and 40 bags of trash removed.

-On April 14, 2023 Lower Providence Township shared an Earth Day social media post. The post noted that on April 15th, 2023 there would be an Indian Head Watershed Cleanup, on April 17th, 2023 The EAC held a meeting with a presentation from Bird Town, PA. The Township also advertised for an Earth Day Celebration at the John James Audubon Center on April 23 with bird walks, canoe rides and a native plant sale.

Refer to Attachment B for supporting documentation.

MCM #2 Comments:

The Township plans to update the written PIPP in the next reporting period and continue actively engaging the public through social media, the EAC, and the PWC Municipal Membership program (with plans to upgrade from Patron to Benefactor level, which will allow a municipal-specific workshop to be held in Lower Providence Township).

Refer to Attachments A and B for MCM #2 supporting documentation.

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 2023 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): 05/08/2023

3. Total No. of Outfalls in MS4: 71 Total No. of Outfalls Mapped: 71

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

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): 05/08/2023

BMP #4: Conduct dry weather screenings of MS4 outfalls to evaluate the presence of illicit discharges. If any illicit discharges are present, the permittee shall identify the source(s) and take appropriate actions to remove or correct any illicit discharges. The permittee shall also respond to reports received from the public or other agencies of suspected or confirmed illicit discharges associated with the storm sewer system, as well as take enforcement action as necessary. The permittee shall immediately report to DEP illicit discharges that would endanger users downstream from the discharge, or would otherwise result in pollution or create a danger of pollution or would damage property.

For new permittees, all identified outfalls (and if applicable observation points) must be screened during dry weather at least twice within the 5-year period following permit coverage. For existing permittees, all identified outfalls (and if applicable observation points) must be 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? 0
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: 12/07/2017
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
12/17/22	Heating oil storage tank release	Property owner of 2727 Apple Valley Lane	The incident was reported to DEP, environmental contractors cleaned up the waterway, storm sewers were inspected and found to be cleared, property owners excavated the soil from impacted areas. No enforcement action was taken by the Township. Documentation is available upon request.

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? In the Summer 2022 Newsletter there is a section on MS4's which mentions illicit discharges and notes that a series of stormwater education sessions were held by the Township Engineer at the Board of Supervisors meetings. There is also IDDE on the stormwater webpage of the Township website (Attachment A).

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 has a goal to update the written IDDE Program (including dry weather outfall field screening) and identify priority areas (and outfalls that drain them) in the next reporting period. The Township also plans to screen a minimum of 20 percent of outfalls in the first year of the 2018 NPDES MS4 Permit (upon issuance by DEP).

Refer to Attachment C for the Township Outfall and Stormwater Infrastructure Maps.

The Township stormwater ordinance will be reviewed and updated for consistency with the DEP 2022 Model Stormwater Management Ordinance as required by the 2018 NPDES MS4 Permit once issued.

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: 12/07/2017

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:

The Township does rely on PA's statewide program for stormwater associated with construction activities to satisfy this MCM. The Township also completes erosion & sediment control inspections and enforcement. Two E&S Control Plans were reviewed during the reporting period (for projects greater than or equal to an acre of earth disturbance) and two

E&S related enforcement actions were taken. Active construction projects are monitored daily, others are inspected on a bi-weekly basis. Active construction projects are:

3961 Crosskeys Road/ R. Moscarello

Courts at Brynwood/ WB Homes

35 Evansburg Road/ Enclave

37 Crawford Road/ Audubon/ Anderko

Ralph Gambone/ Woodland/ Whitetail Ridge

306 Level Road

60 Eagleville Road/ Montgomery County Coroner

59 Smith Road/ Moscarello

3831 Yerkees Road/ Joe DeLuca

The Township stormwater ordinance will be reviewed and updated for consistency with the DEP 2022 Model Stormwater Management Ordinance as required by the 2018 NPDES MS4 Permit once issued.

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: 12/07/2017
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: 12/07/2017
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.

The Township is in the process of reviewing and finalizing the PCSM BMP Inventory and will work towards submitting an updated working version with the next Annual MS4 Status Report. Concurrently, a Stormwater BMP Inspection and Compliance Program will be developed with inspections anticipated to commence in 2025.

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				0 1 33	0 1 33			
2				0 1 33	0 1 33			
3				0 1 33	0 1 33			
4				0 1 33	0 1 33			
5				0 1 33	0 1 33			
6				0 1 33	0 1 33			
7				0 1 33	0 1 33			
8				0 1 33	0 1 33			
9				0 1 33	0 1 33			
10				0 1 33	0 1 33			
11				0 1 33	0 1 33			
12				0 1 33	0 1 33			
13				0 1 33	0 1 33			
14				0 1 33	0 1 33			
15				0 1 33	0 1 33			
16				0 1 33	0 1 33			

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:

The Township relies on the PA statewide program but also conducts PCSM reviews for compliance with the Township ordinances. Two PCSM reviews were conducted for projects with greater than or equal to an acre of earth disturbance during the reporting period.

The Township is in the process of reviewing and finalizing the PCSM BMP Inventory and will work towards submitting an updated working version with the next Annual MS4 Status Report. Concurrently, a Stormwater BMP Inspection and Compliance Program will be developed with inspections anticipated to commence in 2025. The Township also plans to inventory BMPs associated with projects that have less than one acre of earth disturbance that were required per the Township's stormwater ordinance.

The Township stormwater ordinance will be reviewed and updated for consistency with the DEP 2022 Model Stormwater Management Ordinance as required by the 2018 NPDES MS4 Permit once issued.

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 2023
3. When was it last updated?

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: Last reviewed June 2023

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 2023

Date of latest training: The public meeting presentations made in 2022 and referenced in MCM #2 also served as the most recent employee training.

3. Training topics covered:

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

5. Names of training attendees:

MCM #6 Comments:

Township staff is registered to attend XXXXXXXXXX free stormwater inspection and O&M Training is planned for 10/20/2023 at Upper Merion Township Building at 8:00am.

The O&M Inventory and Program (including the Facilities and Activities Inventory) and Employee Training Program will be updated in the next permit cycle.

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)		<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:

The 2018 NPDES MS4 Permit has not yet been issued for Lower Providence Township.

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 checked="" type="checkbox"/> Impaired Waters PRP (Appendix E)	05/08/2023	Pending	Stony Creek, Indian Creek, Mine Run, and Unnamed Tributaries to the Schuylkill River
<input type="checkbox"/> TMDL Plan (Appendix F)			
<input type="checkbox"/> Combined Chesapeake Bay / Impaired Waters PRP			Chesapeake Bay,
<input type="checkbox"/> Combined PRP / TMDL Plan			

☒ 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: Lower Providence Township, Skippack Township, Hatfield Township, Towamencin Township, & Worcester Township

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

Type of Plan	TSS Load Reduction (lbs/yr)	TP Load Reduction (lbs/yr)	TN Load Reduction (lbs/yr)
<input type="checkbox"/> Chesapeake Bay PRP (Appendix D)			
<input checked="" type="checkbox"/> Impaired Waters PRP (Appendix E)	Pending		
<input type="checkbox"/> TMDL Plan (Appendix F)			
<input type="checkbox"/> Combined Chesapeake Bay / Impaired Waters PRP			
<input checked="" type="checkbox"/> Combined PRP / TMDL Plan	410,525.81	310.32	1,393.73

3. Date Final Report Demonstrating Achievement of Pollutant Load Reductions Due: Pending

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.

The Skippack Creek Watershed Multi-Municipal Pollution Reduction Plan dated April 2022 has been approved by DEP. However, the Pollutant Reduction Plan (PRP) for Stony Creek, Indian Creek, Mine Run and Unnamed Tributaries to the Schuylkill River is pending approval. It was last revised May 8, 2023.

6. Anticipated activities for next reporting period.

Once the Township's 2018 NPDES MS4 Individual Permit is authorized by DEP, the Township will begin implementation of the Skippack Creek Multi-Municipal Pollution Reduction Plan in conjunction with the partnering municipalities and the implementation of the PRP for Stony Creek, Indian Creek, Mine Run, and Unnamed Tributaries to the Schuylkill River.

PRP/TMDL Plan Comments:

The Township is continuing to work towards implementation of the PRP and Skippack TMDL requirements.

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)
						O 1 11	O 1 11		<input type="checkbox"/>	<input type="checkbox"/>	
						O 1 11	O 1 11		<input type="checkbox"/>	<input type="checkbox"/>	
						O 1 11	O 1 11		<input type="checkbox"/>	<input type="checkbox"/>	
						O 1 11	O 1 11		<input type="checkbox"/>	<input type="checkbox"/>	
						O 1 11	O 1 11		<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?
						O 1 11	O 1 11				<input type="checkbox"/>
						O 1 11	O 1 11				<input type="checkbox"/>
						O 1 11	O 1 11				<input type="checkbox"/>
						O 1 11	O 1 11				<input type="checkbox"/>
						O 1 11	O 1 11				<input type="checkbox"/>
						O 1 11	O 1 11				<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).

E.J. Mentny

Name of Responsible Official

610-635-3526

Telephone No.

E.J. Mentny

Signature

9/27/23

Date



ANNUAL MS4 STATUS REPORT
LOWER PROVIDENCE TOWNSHIP

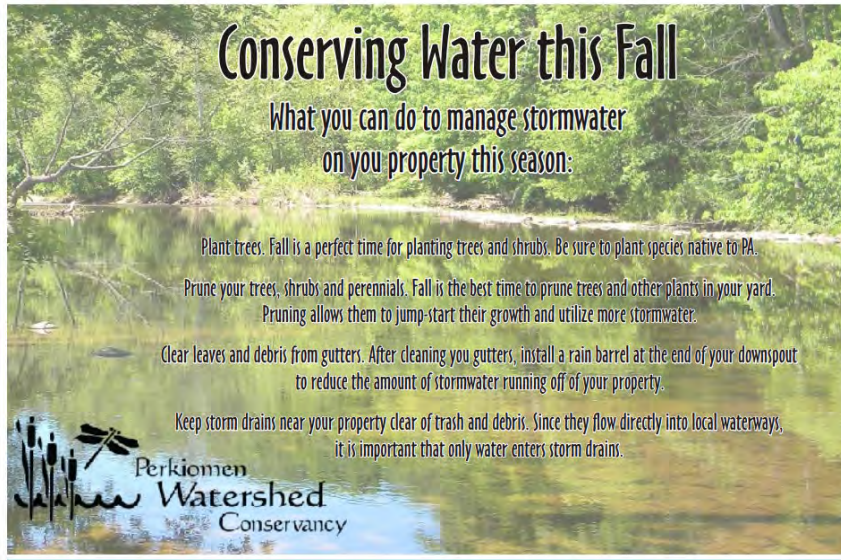
ATTACHMENT A

MCM #1 PUBLIC EDUCATION AND OUTREACH

Prepared by:

**CENTER FOR
WATERSHED
PROTECTION** Inc.
Cent
11711 East Market Pl, Suite 200
Fulton, MD 20759
<https://www.cwp.org>

2022 Fall Township Newsletter- Conserving Water, Perkiomen Watershed Conservancy

STORMWATER MANAGEMENT

2022 Fall Township Newsletter- Difference Between Sanitary Sewers and Storm Sewers

What's The Difference Between Sanitary Sewers And Storm Sewers?

SANITARY SEWER: Sanitary sewer systems carry sewage from bathrooms, sinks, kitchens, and other plumbing components through underground pipes to a wastewater treatment plant where it is filtered, treated and discharged. Please notify the Sewer Authority immediately if you see that the lid is raised or it is overflowing. It is illegal to tie your sump pump, floor drains, gutters and down spouts into the sanitary sewer system. Please contact the Sewer Authority if any of these items are connected at your home so we can help you correct the problem.



STORM SEWER: A storm drain is a system designed for the purpose of carrying rainwater or melting snow. They can often be found built into roadside curbs, alleys, or basements floors. Storm drains often carry rainwater and melted snow through an underground system that ends up in nearby rivers, creeks, or the ocean. Any problems or concerns regarding them should be directed to the Township Public Works Department.



2022 Winter Township Newsletter- Winter Stormwater Management, Perkiomen Watershed Conservancy



Winter Stormwater Management

Here are some tips for managing stormwater on your property this winter:

- 1) **Dispose of shoveled snow in vegetated areas.** This will allow the snow to infiltrate instead of becoming runoff.
- 2) **Use de-icing chemicals and salt sparingly.** Focus on making your walkways and driveways safe, but avoid overusing or spreading in vegetated areas or near waterways.
- 3) **Start shoveling early!** The more snow you remove, the less salt you will need.
- 4) **Make sure your nearest storm drains are clear.** Do not pile snow on storm drains and make sure your neighborhood plow is not piling snow over the drain.

Check out our website to learn more:
www.perkiomenwatershed.org


8 WWW.LOWERPROVIDENCE.ORG

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2022 Winter Township Newsletter- Trash, Recycling and Yard Waste Information

TRASH, RECYCLING AND YARD WASTE INFORMATION

Report a Service Issue

A dedicated phone line and email address have been set up for service-related trash, recycling and yard waste issues. Call 610-635-3599 or email trash@lowerprovidence.org to report an issue with service. Please provide your name, address and phone number, date the service issue occurred, and description of the problem.

Bulk Item Collection

Bulk item collection takes place once per month on the last second trash day of the month. For example, if your second trash collection day of the week is Thursday, then bulk collection for you is the last Thursday of the month. If a holiday affects bulk pickup collection, a notice will be posted on the Township website, www.lowerprovidence.org/trash-recycling-yard-waste. Mattresses and box springs must be placed in disposable mattress bags. For an additional fee, you can schedule an extra bulk item pickup.

For appliances with freon, such as refrigerators, freezers and air conditioners, please call to schedule an appointment, 484-518-7026.

Holiday Collection

If your trash collection day falls on a holiday (New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day) it will be skipped until the next collection day.

If your recycling collection day falls on one of these holidays, Memorial Day, Independence Day July 4th, Labor Day or Thanksgiving, recycling collection will occur the following week as a double collection.

When recycling collection day falls on Christmas and New Year's Day, recycling will be collected on Wednesday for those two weeks and there will be no yard waste collection during those weeks.

TV/Electronics Disposal

Pennsylvania law requires that televisions and computers be recycled and prohibits disposal as trash. Retrievr recycling, in partnership with Montgomery County, provides electronic waste pick up and recycling for county residents. Retrievr charges a flat \$10 doorstep convenience fee for small electronics. If any of the below items are included with the pickup, the doorstep convenience fee is waived:

- \$10 for each microwave
- \$35 for each TV under 150 lbs. and

monitors that use a Cathode Ray Tube (CRT)

- \$100 for each TV 150 lbs. or more, such as those with wooden cabinets or rear-projection TVs
- \$50 for each dehumidifier
- \$50 for each window air-conditioner
- \$50 for each mini refrigerator under 50 lbs

For more information, visit <https://retrievr.com/faq-ph/>

For additional information regarding options for electronics disposal, visit <https://www.montcopa.org/2019/Televisions>

Billing Information

Residents are billed directly by J.P. Mascaro four times a year under a Township-wide contract. The current five-year contract went into effect March 2022 and provides for twice per week trash collection, once per week recycling collection, and yard waste collection every Wednesday year-round with a 10-bag limit.

The current annual cost per household is \$479.76. Annual household costs for the remainder of the contract are: \$551.76 in year two (effective 3/1/23); \$601.32 effective 3/1/24; \$655.44 effective 3/1/25, and \$716.16 effective 3/1/26.

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2023 Summer Township Newsletter- Environmental Advisory Council and Stormwater Management/MS4

ENVIRONMENTAL ADVISORY COUNCIL

Tapping The Expertise Of Volunteers

If you look around Lower Providence, you will see signs of caring for the environment, from people enjoying parks and trails to advocating for environmental issues and adopting green tech like electric vehicles and solar panels. Everyone, regardless of your background, culture, abilities or interest, is impacted by the environment in some way.



A healthy and sustainable environment is critical for a bright future for Lower Providence. Communities thrive when the people within them have access to support their families, witness positive changes and have access to healthy outdoor spaces. There is economic value for townships to create a culture that welcomes green tech and businesses that incorporate environmental sustainability. Schools can help young people develop critical skills when learning through an authentic and relevant context like the environment. An Environmental Advisory Council is designed to support all of these endeavors through advisement of the Board of Supervisors, public education and partnerships.

The Lower Providence Environmental Advisory Council is a volunteer committee made up of Lower Providence residents and approved by the Board of Supervisors. The committee consists of five members and three student representatives. Our board members possess expertise in the environment and sustainability and work to advise the Board of Supervisors on policies, ordinances and administrative procedures to support environmental sustainability and promote wise use of

natural resources. Since its founding in 2019, the EAC has met the sustainability resolution goals of publicly recognizing Earth Day in 2021 and 2022. We have completed an assessment of stormwater and issued a report to the Board of Supervisors and we have created a work plan with priorities related to stormwater, community education, green energy, the built environment and natural resources. We have welcomed three student representatives, all of whom attend Methacton High School.

The EAC needs your help! To ensure our work is relevant and contributes to a thriving and healthy community, we need input from residents. We are always seeking help from volunteers and associate members to serve on subcommittees. Meetings are held the third Monday of every month at 6:00pm, both virtually and in person at the township building. The public is invited to attend and contribute feedback through the public comment period.

If you would like to learn more, please visit the EAC webpage:
<https://www.lowerprovidence.org/environmental-advisory-council>

STORMWATER MANAGEMENT

Stormwater Basics:

What is an MS4?

Lower Providence Township is obligated to make improvements to the quality of the water in all of our watersheds through the implementation of a pollution reduction plan, "PRP". The Skippack Creek is our most critical target because it has been more specifically studied by the US Environmental Protection Agency (EPA). The township has a permit from the state to operate our MS4 - "Municipal Separate Storm Sewer System" which is a collection of structures, including retention basins, ditches, roadside inlets and underground pipes, designed to gather stormwater and discharge it, without treatment, into local streams and rivers. It's not connected to the sanitary sewer system which drains wastewater from inside a home to a sewage treatment facility or a private septic system.

The Township is looking at the most effective and efficient ways to make these improvements, including joining other municipalities in the Skippack Creek Watershed to do the most impactful projects, to share costs, and to better obtain grant money from outside sources. We also look to improve our runoff to the Perkiomen, Story and Mine Run Creeks.

Pennsylvania's MS4 program is managed by the PA Department of Environmental Protection (DEP), with

oversight from the Environmental Protection Agency (EPA) as the federal agency charged with implementing the Clean Water Act.

The authorization that MS4 communities get from the DEP to legally discharge stormwater into local streams and rivers is called an "NPDES" permit which stands for National Pollution Discharge Elimination System. To meet the terms of their NPDES Permit, communities need to develop what's called a "Stormwater Management Program" (SWMP). Because every MS4 faces unique stormwater challenges, each management program is unique. But every SWMP includes the same six focus areas that

the Environmental Protection Agency considers essential for success, called Minimum Control Measures or "MCMs":

- Public Education and Outreach
- Construction Site Erosion Control
- Public Participation and Involvement
- Post Construction Stormwater Management
- Illicit Discharge Detection and Elimination
- Pollution Prevention and Good Housekeeping



- 1) **Wash your car at a car wash.** When you wash your car on the driveway or the street, grease, soap and oil can wash into streams and creeks.
- 2) **Never dump anything down stormwater drains.** Remember that storm drains empty directly into local waterways without being treated so whatever enters storm drains will flow into streams and creeks.
- 3) **Direct downspouts over porous, not paved surfaces.** Where possible, direct downspouts into garden beds, your lawn or consider installing a rain barrel.
- 4) **Raise your mower height.** Raising your mower height to at least 3 inches will slow the flow of water over your lawn and allow it to absorb more rain water.

CHECK OUT OUR WEBSITE TO LEARN MORE:
WWW.PERKIOMENWATERSHED.ORG



Stormwater Presentations

A series of stormwater education sessions are being presented by the Township Engineer at Board of Supervisors meetings.

Meeting videos can be viewed on the township website, lowerprovidence.org; click the Agendas & Minutes link on the home page.

2023 Summer Township Newsletter- Trash, Recycling, and Yard Waste

TRASH, RECYCLING & YARD WASTE**Dedicated Service Line**

A dedicated phone line and email address have been setup for issues related to collection of trash, recycling and yard waste:

- Call: 610-635-3599 or
- Email: trash@lowerprovidence.org

So that the issue can be addressed promptly, please provide the following: Name, address and phone number, date the service issue occurred, and description of the problem.

Bulk & Yard Waste Collection Updates**Bulk Items**

Bulk item collection now occurs once per month on your last collection day of each month. If needed, you can request and schedule an extra bulk item to be collected for an additional \$50 fee.

- Household furnishings, bicycles, stoves, washers, etc.
- Carpets/ rugs - Cut into 3' or 4' sections and tie with twine for easy handling, 10 rolls equals one bulk item.
- Tires no longer be collected.

- For appliances with freon such as refrigerators, freezers, and air conditioners, please call to schedule an appointment: 484-518-7026.

- All mattresses and box springs must be wrapped in disposable mattress bags.

Yard Waste

Yard waste collection occurs once per week on Wednesdays year-round.

- 10 bag or bundle limit.
- Yard waste, leaves and lawn clippings only.
- Placed in containers (with lids) or compostable paper bags. Please do not use plastic bags.
- Cut twigs and tree branches to 3-foot lengths, tied in bundles weighing no more than 50 lbs.
- Christmas trees can be put out for yard waste collection.
- Vacuum leaf collection is offered as a premium service at an additional cost.
- **Unacceptable yard waste items:**
 - Tree roots and tree stumps, branches longer than 3 feet in length or 3 inches in diameter.

Collection Rates

Lower Providence Township's contract requires J.P. Mascaro & Sons to bill each household directly. Households will be billed \$119.94 four (4) times a year beginning March 1, 2022. Payment is due in full upon receipt. Annual costs for the remainder of the contract (effective March 1 of each year) are: \$551.76 in 2023, \$601.32 in year three, \$655.44 in year four, and \$716.16 in year five. The contract includes an option for two additional years with annual household costs of \$734.04 and \$756. The Board will make a decision on the option years when the five-year award nears its end.



2023 Spring Township Newsletter: Stormwater Pollution Prevention Tips- posted to Township website, links to Perkiomen Watershed Conservancy

Stormwater Pollution Prevention Tips

Spring 2023

**Clean-up**

Collect and dispose of any trash that might have blown into your yard over the winter. Mulch or compost leaves and garden cuttings from the fall so that they don't get washed into local streams.

**Fertilize Carefully**

Look for slow release nitrogen fertilizer since it is less likely to harm water quality. Several small fertilizer applications spread out over the growing season is better than one large application. Never apply fertilizer before it rains!

Caring for Your Yard this Spring

Spring is here and with it comes warmer weather, rain and lots of yard work! Before you head outside to tackle your latest project, remember that what you do to your yard has a direct impact on the local environment. Luckily, there are lots of small steps that you can take as a homeowner to make your yard more eco-friendly!

Consider these tips to help you reduce stormwater pollution and provide valuable habitat for local wildlife on your property.

Visit our website to learn more:
www.perkiomenwatershed.org

**Plant Natives!**

Spring is a great time to plant native trees, shrubs and perennials! Native PA species require less maintenance, are more beneficial for wildlife and absorb more stormwater than non-natives.

Mow Sharp and High

A sharp mower blade cuts grass cleanly which improves turf health. Set your mower deck to 2.5 inches or more to help reduce stormwater runoff and shade out weeds. Where possible, consider converting a section of your lawn to a native garden.

Lower Providence Township Webpage, Environmental Advisory Council- Water Quality Resources & Information and Resource Links

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[EAC Directive](#)
[EAC Meeting Presentations & Videos](#)
[Earth Day Activities](#)
[Online Library](#)
[Water Quality Resources & Information](#)

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Water Quality Resources & Information

Moyer's Landfill Superfund Site

A public availability session was hosted by the US Environmental Protection Agency on Thursday, June 29, 2023 to discuss recent sampling at the Moyer's Landfill site.



The 65-acre Moyers landfill site in Eagleville was in operation from the early 1940s until 1981, accepting municipal waste, sewage and industrial sludges. It was added to the Superfund National Priorities List (NPL) in 1983 and deleted from the NPL in 2014. Cleanup, operation and maintenance activities are ongoing.

Sampling performed by the PA Department of Environmental Protection during the summer and fall of 2022 identified the presence of PFAS, man-made chemicals, in the leachate at the site. Additional residential well samples will be collected to ensure that PFAS have not migrated to wells surrounding the site. Residents connected to public water would not be impacted.

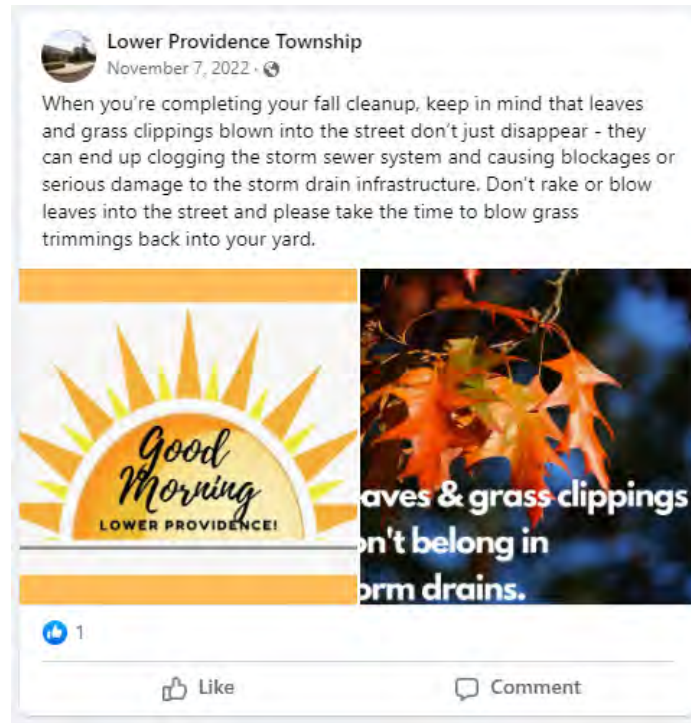
Environmental Protection Agency

- [EPA Moyers Landfill Superfund Site web page](#)
- [EPA Moyers Landfill Presentation to Board of Supervisors \(03-16-23\)](#)

PA Department of Environmental Protection

- [Water Quality web page](#)
- ["My Water" web page](#)

November 7, 2022- Township Facebook Post (Fall Leaf Cleanup to prevent storm drain clogging)



June 5, 2023 Township Facebook Post (Street Sweeping for Stormwater Maintenance)





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Stormwater Management

Stormwater - rain or snowmelt that runs off hard surfaces and eventually into local waterways - is a major and fast growing source of pollution. This runoff may carry sediment, nutrients from lawns, waste from farms and pets, oil and litter from streets and other contaminants into streams or storm drains.

Property owners can play a crucial role in limiting water pollution right in their own yards. See the links at left for important information about stormwater management and ways to help prevent non-point source water pollution to our streams.

Township Articles:

[Heavy Rain Events Spell Stormwater Trouble \(January 2019\)](#)

[Stormwater Runoff and Record Rain \(September 2019\)](#)

Helpful Resources

[Resources for Businesses](#)

[Skeppack Creek Pollution Reduction Plan](#)

[Stormwater Management Ordinance](#)

News

[Park Ave/Eagleville Rd/Crawford Rd Intersection Project Update](#)

['The Wall That Heals' Volunteer Opportunities](#)

[Highly Road to be Closed for Storm Sewer Repairs](#)

[In-Person / Virtual Board of Supervisors Meeting September 21, 2023](#)

[PECO Prepared for End of Summer Heat Wave](#)

[View all](#)

Lower Providence Township

100 Parklane Drive

Eagleville, PA 19403

P: 610-539-8020 | F: 610-539-6347



ANNUAL MS4 STATUS REPORT
LOWER PROVIDENCE TOWNSHIP

ATTACHMENT B

MCM #2 PUBLIC INVOLVEMENT AND PARTICIPATION



2022 Report and Priorities for 2023, Environmental Advisory Council (EAC)- *select slides*



2022 Accomplishments & activities include: Participation in Perkiomen Watershed Conservancy stream cleanup on Skippack Creek, participation in EAC fall network gathering, participation in 4 public education events reaching approximately 250 people.

2022 accomplishments and activities

- Welcomed new EAC member Amber Minnick and 3 student reps
- Recommended ordinance to expand EAC by three members.
- Connected with Parks and Rec board members on tree plan.
- Participated in 4 public education events, reaching approximately 250 people.
- Participated in PWC stream clean up on Skippack Creek
- Initiated Bird Town application and cell phone charging station for Eagleville Park
- Collected information for sustainability audit of township facility
- Participated in EAC fall network gathering



Township EAC Prioritizing Public Engagement and Ecological Restoration among other goals.



Priority 3: Sustainability

Why should we set sustainability metrics?

EXTREME WEATHER ACROSS THE NATION

- 97% of climate scientists agree that climate-warming trends over the past century are due to human activities such as dependence non-renewable fossil fuels.*
- Warming trends are linked to extreme weather events across the globe.
- As warming continues the US will experience more heat waves, floods, droughts and wildfires.
- Our health and economies are dependent upon a healthy environment
- Risk from climate hazards puts pressure on aging infrastructure.



Township Webpage, Volunteer Opportunities- Environmental Advisory Council

[Home » About](#)



Volunteer Opportunities

Environmental Advisory Council

With the recent expansion of the Township's Environmental Advisory Council (EAC), there are three vacancies on the council.

The EAC works to identify environmental issues and recommend plans and programs to the Board of Supervisors for the promotion and conservation of natural resources and for the protection and improvement of the quality of the environment within the Township.

Residents who care about the environment and the quality of life in Lower Providence for this and future generations are encouraged to consider this opportunity.

Letters of interest/resumes should be submitted to:

E.J. Mentry, Township Manager
admin@lowerprovidence.org

or

100 Parklane Drive
 Eagleville, PA 19403



Eagleville Park Restoration Group

The group dedicated to restoring Eagleville Park by eradicating exotic-invasive species, re-introducing native species, and repairing erosion damage to its streams. We meet at 10:00 AM on the third Saturday of each month from April to October. Eagleville Park, along with much of southeastern Pennsylvania's landscape, has seen an influx of exotic-invasive plant species in recent years, and suffered the effects of poor stormwater management, excessive winter road salt use, and other problems. Visit the group's [Facebook](#) page for more information.

2023- Township advertised the Montgomery County Household Hazardous Waste Drop-Off Events by posting links to the informational flyers on the Township Website.

HOUSEHOLD HAZARDOUS WASTE 2023 MONTGOMERY COUNTY, PA RESIDENTIAL EVENTS By Appointment Only. Preregistration is Required.

Register at www.MontcoPARecycles.org

DATES:

Saturday, April 29
Boyertown Middle School East
2020 Big Road, Gilbertsville

Saturday, May 6
Oak Ridge Elementary School
465 Moyer Rd, Harleysville

Saturday, May 20
Temple University–Ambler Campus
Enter at 1431 E. Butler Pike, Ambler

Saturday, June 17
Norristown Area High School
1900 Eagle Drive, Norristown

Saturday, June 24
Abington Middle School
Enter at 2056 Susquehanna Road, Abington

Saturday, September 23
Spring-Ford 9th Grade Center
400 South Lewis Road, Royersford

SUNDAY, October 22
Lower Merion Transfer Station
1300 N. Woodbine Avenue, Penn Valley

Free residential collection events are held outdoors. There are no permanent drop off locations, only these collection events. Montco residents may also attend any Household Hazardous Waste event held by Bucks, Chester, Delaware, or Philadelphia Counties.

Please do not contact the host sites, as they are not affiliated with the events.

In case of severe weather, call 610.278.3618, option 6 for event status.

Contact us at:
Recycling@MontgomeryCountyPA.gov
610.278.3618



MONTGOMERY COUNTY BOARD OF COMMISSIONERS
Kenneth E. Lawrence, Jr., Chair • Jamila H. Winder, Vice Chair • Joseph C. Gale, Commissioner

ACCEPTABLE HOUSEHOLD MATERIALS

PAINT PRODUCTS	OUTDOOR PRODUCTS	AUTOMOTIVE PRODUCTS	HOUSEHOLD PRODUCTS	HOUSEHOLD OTHER
Tarpestins	Swimming Pool Chemicals	Grease & Rust Solvents	Drain Cleaners	Auto Central, Solvents
Paint Thinners	Weed Killers	Rust Antacids	Rug Cleaners	Stain Removers
Stoppers & Sealers	Septic Tank Degreasers	Carburetor Cleaners	Wood & Metal Cleaners	Chalkboards, Blackboards
Oil-Based Paints	Asphalt Sealers	Transmission/Brake Fluid	Multigraze/Plakes	Lead
Stains, Varnish	Carburetor Compounds	Antifreeze	Adhesives/Solvents	Mercury (Thermometers & Thermometers)
Glue	Joint Compound	Car Wash Soft Touch, Motorcycles, Motor, Batteries	Rechargeable Batteries, Lithium, Ni-Cad, Button, Lead Acid	Fluorescent Tubes and CFLs
Other Solvent Based Paint Products	Roof Cement	Gas, Oil, Gas Oil Mixtures	Spot Removers, Dry Cleaning Fluid	Bulbs (must be removed from light fixture)
Whisper Cement	Mini Propane Tanks, No BBQ Tanks	Road Paints, No Marine Paints	Fire Extinguishers	Explosive Gas-Held Motors
Spray Paint	Pesticide		Kerosene	

UNACCEPTABLE MATERIALS

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

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

DROP OFF GUIDELINES

- Montgomery County events are following state guidelines and public health restrictions.
- Leave items at home that are not for the event so that they are not removed accidentally.
- If you need your gas can or container returned, please tape a note to it stating that you want to keep it.
- You may arrive any time within your registered appointment window.
- Please print out your ticket or write your name and appointment time on a piece of paper.
- If you cannot attend the event, please cancel your appointment through your Eventbrite ticket or by emailing Recycling@MontgomeryCountyPA.gov, as others may be waiting for an opening.
- NO TVs, electronics, or appliances will be accepted.
- Event workers will unload your materials so please remain in your vehicle.
- 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.
- NO 25- OR 50-GALLON DRUMS ALLOWED. Five-gallon buckets are the largest acceptable container. Maximum amount accepted per vehicle is 25 gallons or 220 pounds.
- There are no permanent drop off locations in the region for household hazardous waste, only the listed collections.

March 7, 2023- Montgomery County Household Hazardous Waste Drop-Off Events flyer shared on social media.

Lower Providence Township
March 7 •

Registration is now open for the 2023 Montgomery County Household Hazardous Waste events. The events are for residents only and not for businesses or contractors. To register and view a list of acceptable and unacceptable items:
<https://www.montcopa.org/637/Recycling-Information>

**HOUSEHOLD HAZARDOUS WASTE
2023 MONTGOMERY COUNTY, PA RESIDENTIAL EVENTS
By Appointment Only. Preregistration is Required.**

Register at www.MontcoPARecycles.org

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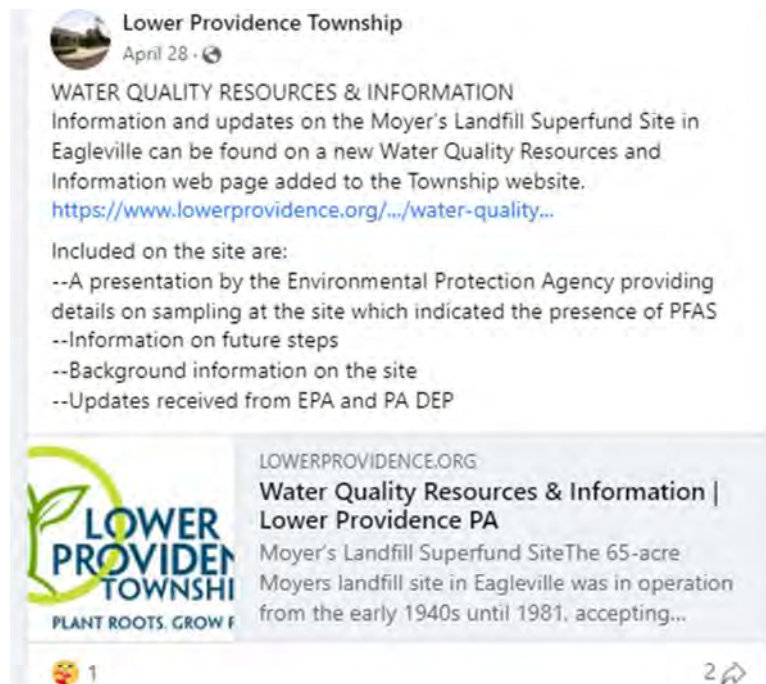
In case of severe weather, call 610.278.3618, option 6 for event status.

Contact us at:
Recycling@MontgomeryCountyPA.gov
610.278.3618

August 12, 2022- Township Facebook, Penn State Extension's Native Tree & Shrub sale for fundraising for Master Watershed Steward activities including tree planting to intercept and infiltrate stormwater and filter pollutants.



April 28, 2023 Township Facebook Page- Water Quality Resources & Information, Link to Township Website for more information.



September 08, 2022- Township Facebook, Clean Up & Stream Survey in Evansburg State Park- educational activities and local watershed cleanup.



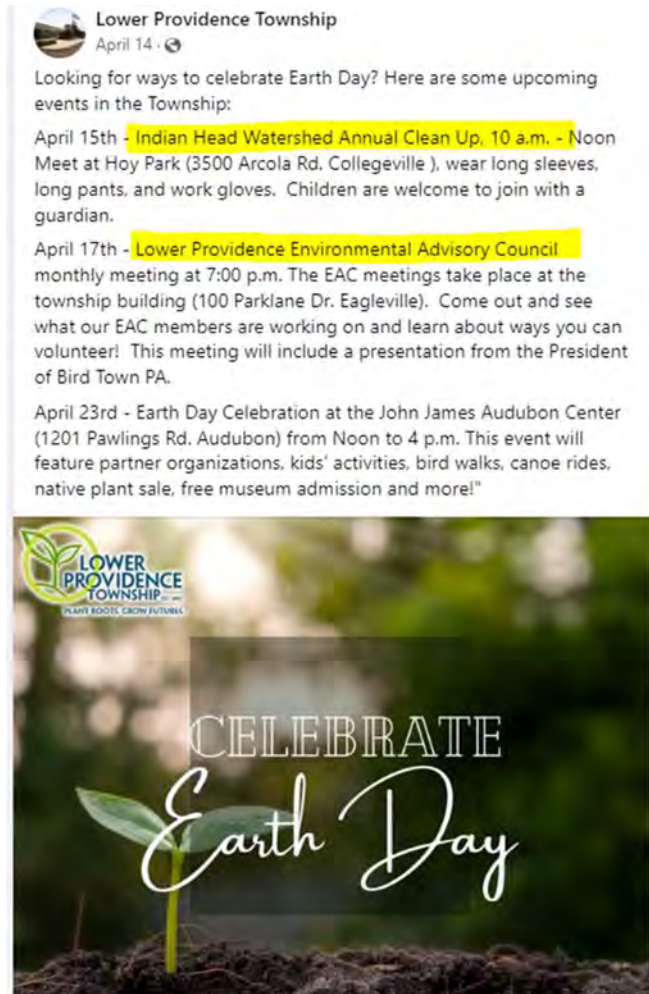
October 11, 2022- Township Facebook, Green Lane Rain Barrel Workshop hosted on October 15, 2022 through the Perkiomen Watershed Conservancy.



January 27, 2023- Township Facebook, Perkiomen Watershed Stream Clean-up Volunteers Needed for event scheduled April 15, 2023.



April 14, 2023- Township Facebook, Share date-time-location for Indian Head Watershed Annual Clean Up, Lower Providence Environmental Advisory Board, and Eart Day Celebration.





Jessie Kemper
 Director of Conservation
 1 Skippack Pike, Schwenksville, PA 19473
 Phone 610.287.9383
 jkemper13@gmail.com

Lower Providence Township Stormwater Reduction Statistics Package

The chart below shows the statistics for your municipality during your 2022 - 2023 membership year:

Conservation Project	Site(s)	Number of Municipal Volunteers	Municipal Volunteer Hours	Amount
Tree Plantings	0	0	0	0 trees planted
Stream Clean-up	3	35	105	40 bags of trash removed
Water Chestnut Removal	0	0	0	0 bags of EWC removed
Rain Garden Installations	0	0	0	0 perennials planted
Rain Barrel/Rain Garden Workshops	0	0	0	0 rain barrels made
TOTALS	3	35	105	40

The chart below shows the statistics for the entire Perkiomen Watershed during your 2022 - 2023 membership year:

Conservation Project	Site(s)	Total Number of Volunteers	Total Volunteer Hours	Total Amount
Tree Plantings	7	200	800	490 trees planted
Stream Clean-up	143	1,700	5,100	1,530 bags of trash removed
Water Chestnut Removal	8	40	80	500 bags of EWC removed
Rain Garden Installations	2	100	300	5,000 native perennials planted
Rain Barrel/Rain Garden Workshops	8	96	96	105 rain barrels made
TOTALS	168	2,136	6,376	7,625

Serving the people and communities of the Perkiomen Watershed
 by conserving and protecting land and water resources through commitment to and leadership
 in environmental education, watershed stewardship and conservation programs.



ANNUAL MS4 STATUS REPORT
LOWER PROVIDENCE TOWNSHIP

ATTACHMENT C

MCM #3 ILLICIT DISCHARGE DETECTION AND
ELIMINATION

Prepared by:

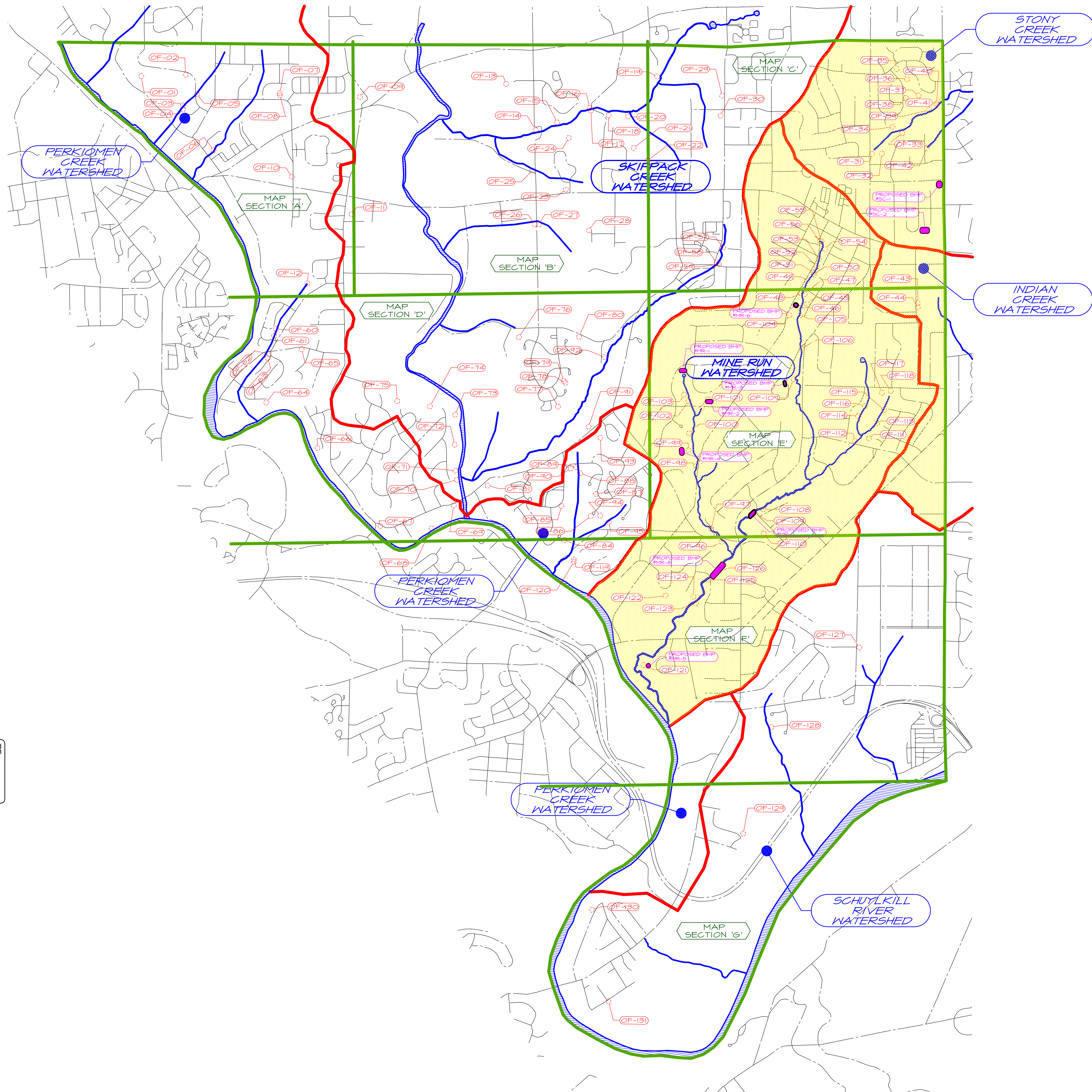


Center for Watershed Protection, Inc.

11711 East Market Pl, Suite 200

Fulton, MD 20759

<https://www.cwp.org>



- PLAN LEGEND**
- Outfall Mapping Quadrants
 - Watershed Boundary
 - Major Watercourses
 - Watershed Areas with a Pollution Reduction requirement
 - Proposed Pollution Reduction BMPs

SEE FOLLOWING 7-SHEETS FOR
DETAILED STORM SEWER
MAPPING THROUGHOUT
THE TOWNSHIP

REVISIONS	
No.	DESCRIPTION
1	05/06/2023 Revisions per DEP e-mail comments received 04/19/2023.
2	10/31/2023 Revisions per DEP e-mail comments received 07/17/2023.
3	05/06/2023 Revisions per DEP e-mail comments received 04/19/2023.

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CALL 1-800-242-1776

REGISTERED PROFESSIONAL ENGINEER

TIMOTHY P. WOODROW

No. 63675-1

Applicant: LOWER PROVIDENCE TOWNSHIP
1000 E. Main St.
Eagleville, PA 19403
Phone: (610) 539-8020

Township Boundary: 14.77 Sq. Miles (9,454 Acres)

FINAL PLAN
TOWNSHIP STORM SEWER
OUTFALL OVERALL MAP
LOWER PROVIDENCE TOWNSHIP

WOODROW & ASSOCIATES, INC.
MUNICIPAL / CIVIL CONSULTING ENGINEERS
1108 North Bethlehem Pike / Suite 500 - Lower Merion, PA 19002
Phone: (215) 542-5548 Fax: (215) 542-5579
Web: www.woodrowinc.com

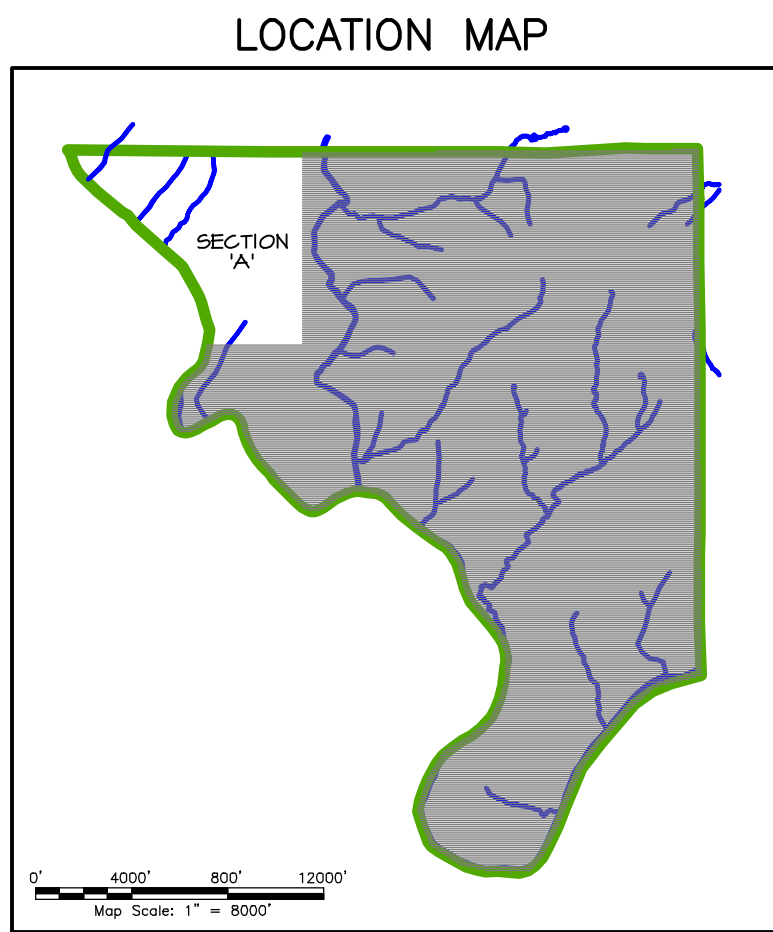
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Job No:
14-0313LP

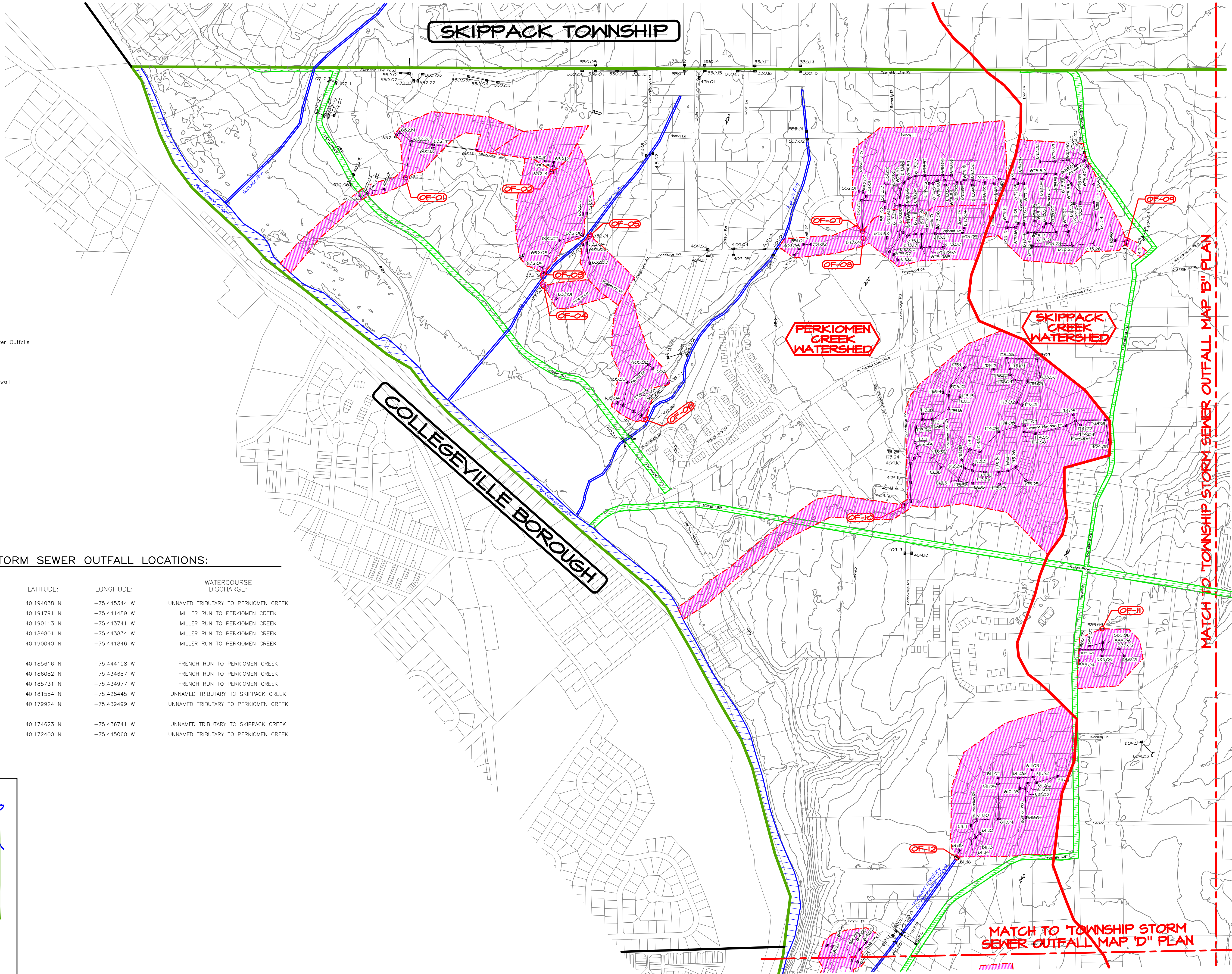
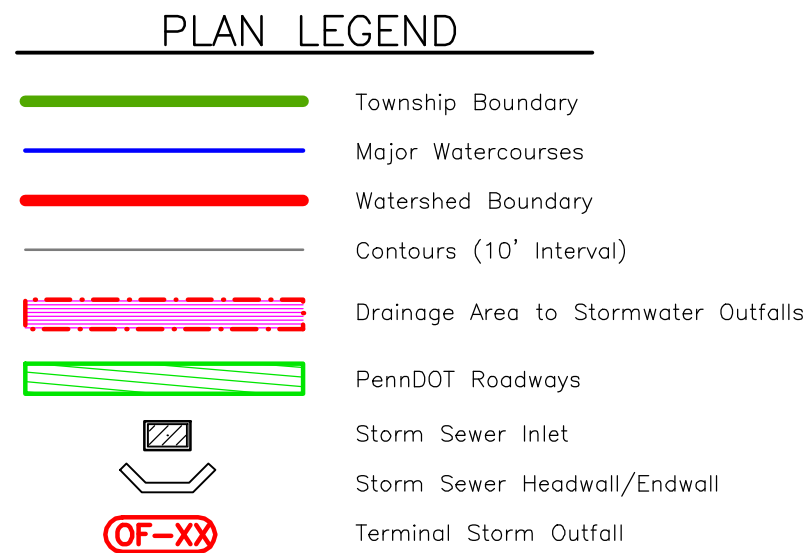
Plan Date:
AUGUST 11, 2017

Sheet No:
3 of 10

Project No: 14-0313LP Project Name: LOWER PROVIDENCE TOWNSHIP Print Date: May 8, 2022 (10:50)



TOWNSHIP STORM SEWER OUTFALL LOCATIONS:				
OUTFALL No.:	CORRESPONDING MUNICIPAL MAPPING OUTFALL No.:	LATITUDE:	LONGITUDE:	WATERCOURSE DISCHARGE:
OF-01	632.21	40.194038 N	-75.445344 W	UNNAMED TRIBUTARY TO PERKIOMEN CREEK
OF-02	632.14	40.191791 N	-75.441489 W	MILLER RUN TO PERKIOMEN CREEK
OF-03	632.10	40.190113 N	-75.443741 W	MILLER RUN TO PERKIOMEN CREEK
OF-04	633.02	40.189801 N	-75.443834 W	MILLER RUN TO PERKIOMEN CREEK
OF-05	632.01	40.190040 N	-75.441846 W	MILLER RUN TO PERKIOMEN CREEK
OF-06	705.09	40.185616 N	-75.444158 W	FRENCH RUN TO PERKIOMEN CREEK
OF-07	N/A	40.186082 N	-75.434687 W	FRENCH RUN TO PERKIOMEN CREEK
OF-08	673.69	40.185731 N	-75.434977 W	FRENCH RUN TO PERKIOMEN CREEK
OF-09	673.47	40.181554 N	-75.428445 W	UNNAMED TRIBUTARY TO SKIPPACK CREEK
OF-10	409.12	40.179924 N	-75.439499 W	UNNAMED TRIBUTARY TO PERKIOMEN CREEK
OF-11	585.09	40.174623 N	-75.436741 W	UNNAMED TRIBUTARY TO SKIPPACK CREEK
OF-12	611.16	40.172400 N	-75.445060 W	UNNAMED TRIBUTARY TO PERKIOMEN CREEK



REVISIONS

No.	DATE	DESCRIPTION
3	05/09/2022	Revisions per RFP e-mail comments received 04/19/2022.
2	10/31/2021	Revisions per RFP e-mail comments received 03/17/2021.
1	05/09/2021	Initial design and modeling with CSES Engineering, Inc. on 07/12/2021.

PLAN NORTH

200' 0' 400'

Scale in Feet (1" = 400')

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REGISTERED PROFESSIONAL ENGINEER

TIMOTHY P. WOODROW

No. 63875-1

CALL 1-800-242-1776

FINAL PLAN

TOWNSHIP STORM SEWER OUTFALL MAP SECTION 'A'

LOWER PROVIDENCE TOWNSHIP

LOWER PROVIDENCE TOWNSHIP - MONTGOMERY COUNTY - PENNSYLVANIA

WOODROW & ASSOCIATES, INC. MUNICIPAL/CIVIL CONSULTING ENGINEERS

1108 North Bethlehem Pike / Suite 5 - Lower Merion, PA 19002

Phone: (215) 542-5548 Fax: (215) 542-5579

Website: www.woodrowinc.com

Applicant:

LOWER PROVIDENCE TOWNSHIP

1000 E. Main St.

Exton, PA 19341

Phone: (610) 539-8620

Township Boundary:

14.77 Sq. Miles

(9,454 Acres)

Layer List:

B-SHT04_OUTFALL-A

Job No:

14-0313LP

Plan Date:

AUGUST 11, 2017

Sheet No:

4 of 10

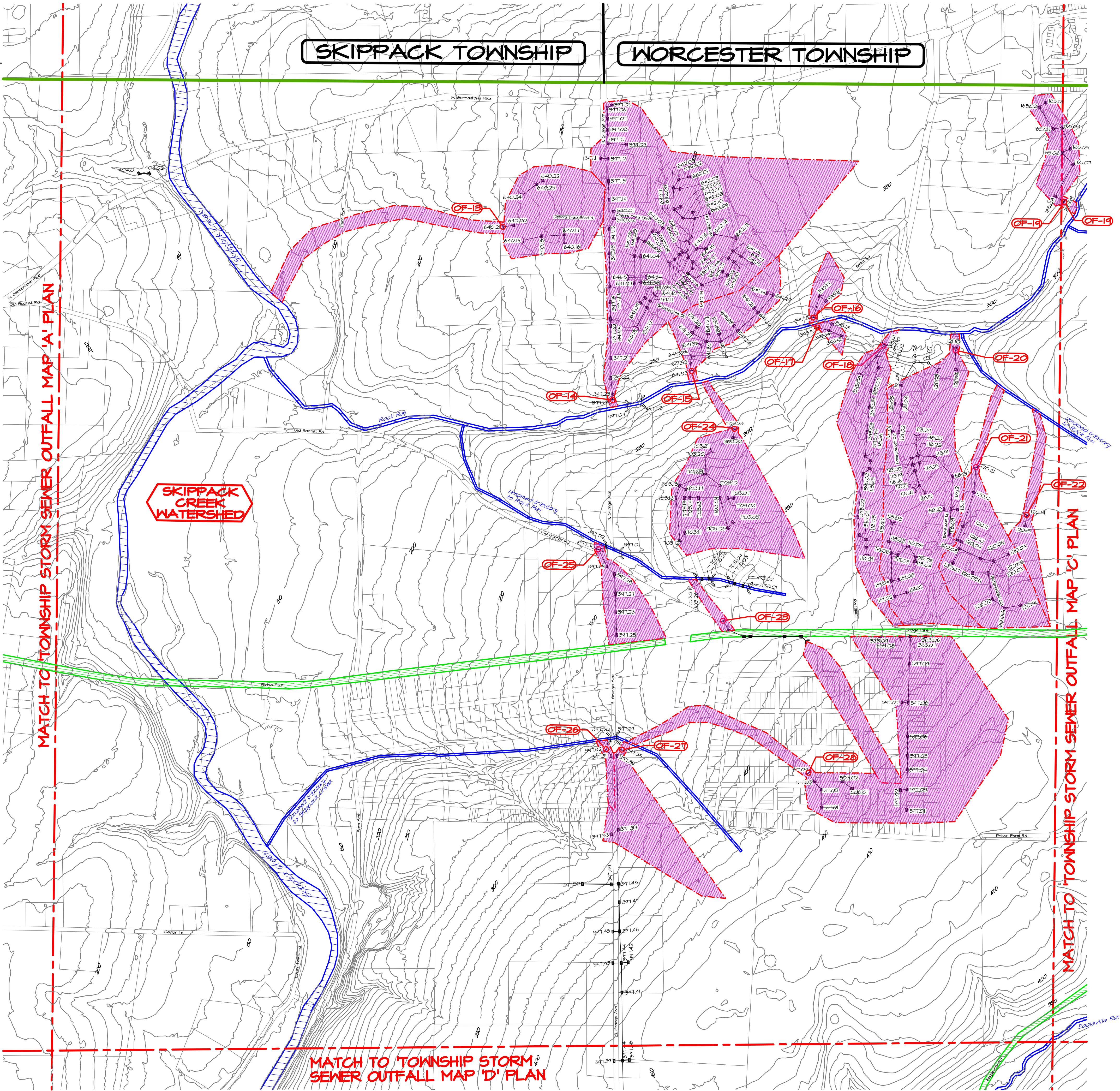
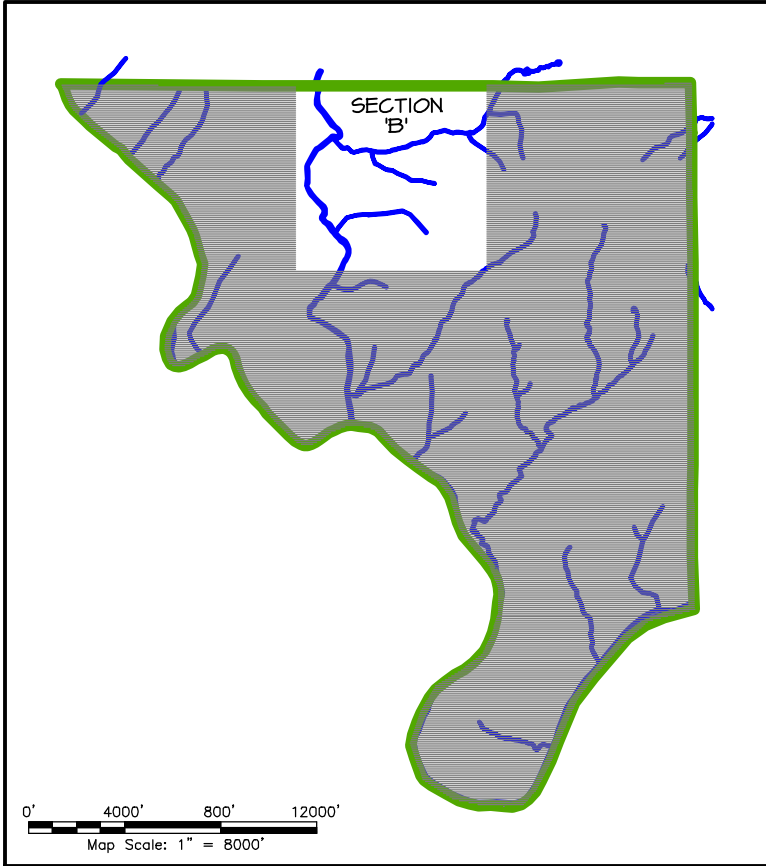
TOWNSHIP STORM SEWER OUTFALL LOCATIONS:

OUTFALL No.:	CORRESPONDING MUNICIPAL MAPPING OUTFALL No.:	LATITUDE:	LONGITUDE:	WATERCOURSE DISCHARGE:
OF-13	165.09	40.175436 N	-75.414940 W	UNNAMED TRIBUTARY TO SKIPPACK CREEK
OF-14	397.24	40.170696 N	-75.415925 W	ROCK RUN TO SKIPPACK CREEK
OF-15	641.33	40.170077 N	-75.413661 W	ROCK RUN TO SKIPPACK CREEK
OF-16	395.18	40.169382 N	-75.409912 W	ROCK RUN TO SKIPPACK CREEK
OF-17	395.15	40.168982 N	-75.409903 W	ROCK RUN TO SKIPPACK CREEK
OF-18	395.11	40.167993 N	-75.408865 W	ROCK RUN TO SKIPPACK CREEK
OF-19	165.09	40.167872 N	-75.402229 W	ROCK RUN TO SKIPPACK CREEK
OF-20	121.10	40.166847 N	-75.407224 W	ROCK RUN TO SKIPPACK CREEK
OF-21	120.13	40.164742 N	-75.408944 W	UNNAMED TRIBUTARY TO ROCK RUN TO SKIPPACK CREEK
OF-22	120.14	40.163073 N	-75.408835 W	UNNAMED TRIBUTARY TO ROCK RUN TO SKIPPACK CREEK
OF-23	N/A	40.165329 N	-75.417260 W	UNNAMED TRIBUTARY TO ROCK RUN TO SKIPPACK CREEK
OF-24	703.23	40.168449 N	-75.414141 W	ROCK RUN TO SKIPPACK CREEK
OF-25	397.30	40.168391 N	-75.418925 W	UNNAMED TRIBUTARY TO ROCK RUN TO SKIPPACK CREEK
OF-26	397.32	40.164893 N	-75.421918 W	UNNAMED TRIBUTARY TO SKIPPACK CREEK
OF-27	397.36	40.164669 N	-75.421593 W	UNNAMED TRIBUTARY TO SKIPPACK CREEK
OF-28	517.04	40.161946 N	-75.417725 W	UNNAMED TRIBUTARY TO SKIPPACK CREEK

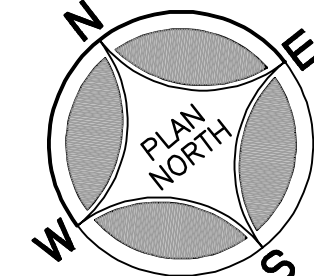
PLAN LEGEND

- Township Boundary
- Major Watercourses
- Watershed Boundary
- Contours (10' Interval)
- Drainage Area to Stormwater Outfalls
- PennDOT Roadways
- Storm Sewer Inlet
- Storm Sewer Headwall/Endwall
- Terminal Storm Outfall

LOCATION MAP

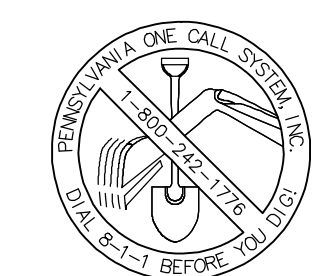


No.	Date	Description
3	05/09/2023	Revisions per DEP e-mail comments received 04/19/2023.
2	10/31/2023	Revisions per DEP e-mail comments received 03/14/2023.
1	01/13/2023	Revisions per meeting with DEP to start DEP2, held on 01/12/2023.

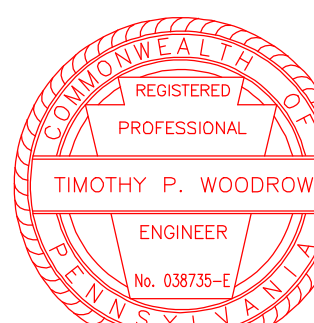


Scale in Feet (1" = 400')

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CALL 1-800-242-1776



Applicant: LOWER PROVIDENCE TOWNSHIP
1000 E. Main St.
Eagleville, PA 19003
Phone: (610) 539-8020
Township Boundary: 14.77 Sq. Miles (9,454 Acres)

FINAL PLAN
TOWNSHIP STORM SEWER
OUTFALL MAP SECTION 'B'
LOWER PROVIDENCE TOWNSHIP
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MUNICIPAL/CIVIL CONSULTING ENGINEERS
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Layer List:
B-SHT05_OUTFALL-B
Job No:
14-0313LP
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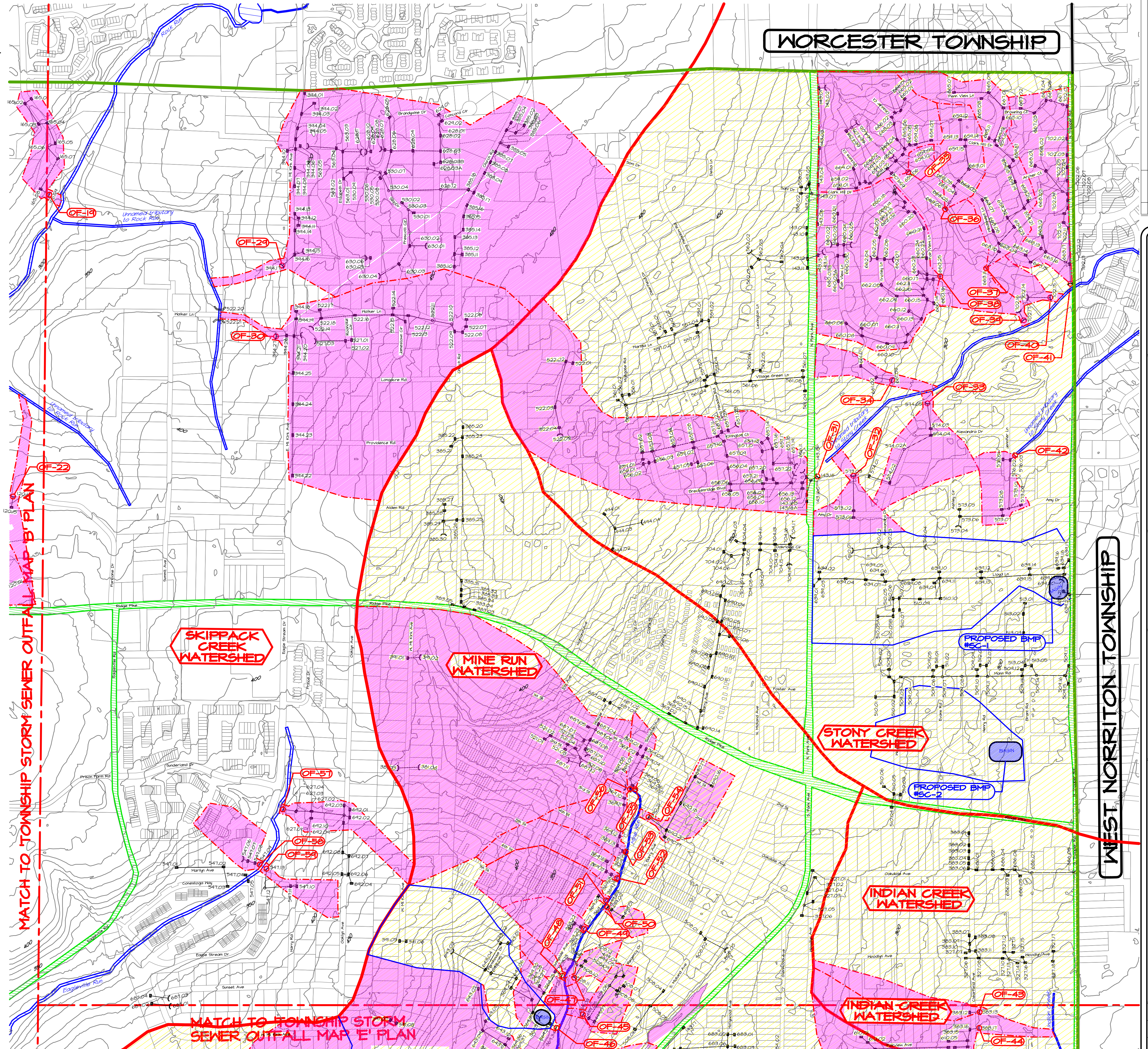
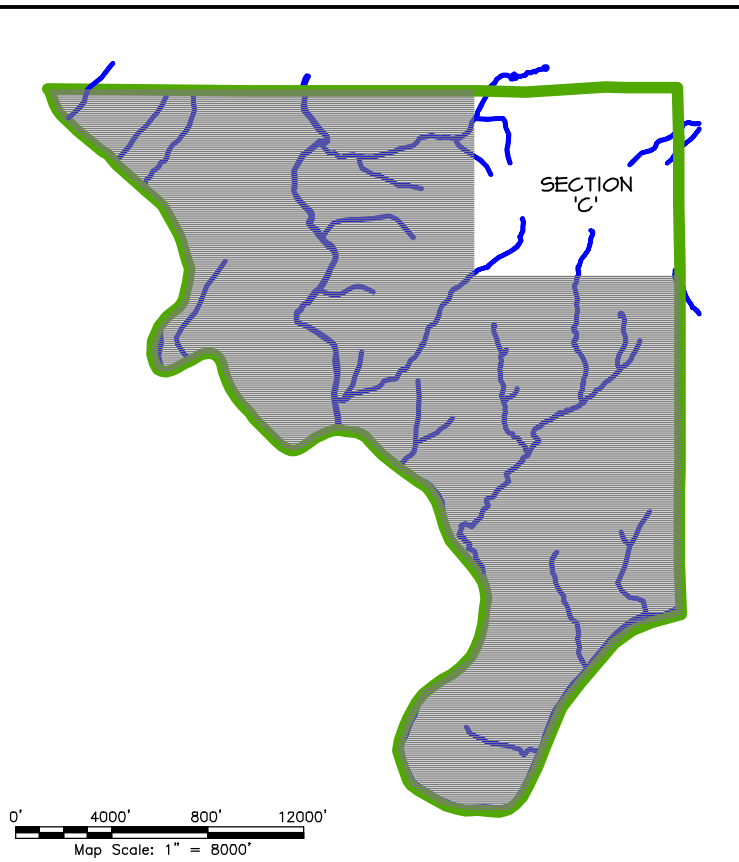
TOWNSHIP STORM SEWER OUTFALL LOCATIONS:

OUTFALL No.:	CORRESPONDING MUNICIPAL MAPPING OUTFALL No.:	LATITUDE:	LONGITUDE:	WATERCOURSE DISCHARGE:
OF-19	165.09	40.167872 N	-75.402229 W	UNNAMED TRIBUTARY TO ROCK RUN TO SKIPPACK CREEK
OF-29	394.17	40.163643 N	-75.398404 W	UNNAMED TRIBUTARY TO ROCK RUN TO SKIPPACK CREEK
OF-30	394.27	40.162054 N	-75.400150 W	UNNAMED TRIBUTARY TO ROCK RUN TO SKIPPACK CREEK
OF-31	143.16	40.152090 N	-75.389495 W	UNNAMED TRIBUTARY TO STONY CREEK
OF-32	573.03	40.151539 N	-75.388783 W	UNNAMED TRIBUTARY TO STONY CREEK
OF-33	574.05	40.151897 N	-75.385488 W	UNNAMED TRIBUTARY TO STONY CREEK
OF-34	661.03	40.152728 N	-75.385884 W	UNNAMED TRIBUTARY TO STONY CREEK
OF-35	659.06	40.156242 N	-75.381670 W	UNNAMED TRIBUTARY TO STONY CREEK
OF-36	663.06	40.155192 N	-75.381505 W	UNNAMED TRIBUTARY TO STONY CREEK
OF-37	663.11	40.153500 N	-75.381805 W	UNNAMED TRIBUTARY TO STONY CREEK
OF-38	660.25	40.153843 N	-75.382980 W	UNNAMED TRIBUTARY TO STONY CREEK
OF-39	702.17	40.152082 N	-75.382100 W	UNNAMED TRIBUTARY TO STONY CREEK
OF-40	702.15	40.152106 N	-75.380667 W	UNNAMED TRIBUTARY TO STONY CREEK
OF-41	702.13	40.152111 N	-75.380105 W	UNNAMED TRIBUTARY TO STONY CREEK
OF-42	576.03	40.149978 N	-75.383943 W	UNNAMED TRIBUTARY TO STONY CREEK
OF-43	383.13	40.140103 N	-75.395361 W	INDIAN CREEK
OF-44	383.17	40.139904 N	-75.395560 W	INDIAN CREEK
OF-45	499.09	40.145879 N	-75.404593 W	MINE RUN
OF-46	369.34	40.145965 N	-75.405454 W	MINE RUN
OF-47	508.11	40.146820 N	-75.404271 W	MINE RUN
OF-48	369.26	40.146759 N	-75.404561 W	MINE RUN
OF-49	369.24	40.147369 N	-75.402988 W	MINE RUN
OF-50	499.03	40.147374 N	-75.402290 W	MINE RUN
OF-51	369.21	40.147566 N	-75.402213 W	MINE RUN
OF-52	369.19	40.147788 N	-75.401371 W	MINE RUN
OF-53	369.15	40.148120 N	-75.400743 W	MINE RUN
OF-54	690.21	40.148559 N	-75.399416 W	MINE RUN
OF-55	369.07	40.149188 N	-75.399303 W	MINE RUN
OF-56	369.09	40.149293 N	-75.399383 W	MINE RUN
OF-57	627.04	40.153672 N	-75.407879 W	EAGLEVILLE RUN TO SKIPPACK CREEK
OF-58	547.09	40.153075 N	-75.409491 W	EAGLEVILLE RUN TO SKIPPACK CREEK
OF-59	547.13	40.152892 N	-75.409553 W	EAGLEVILLE RUN TO SKIPPACK CREEK

PLAN LEGEND

- Township Boundary
- Major Watercourses
- Watershed Boundary
- Contours (10' Interval)
- Drainage Area to proposed BMP modifications
- Watershed Areas with a Pollution Reduction requirement
- Drainage Area to Stormwater Outfalls
- PennDOT Roadways
- Proposed Pollution Reduction BMPs
- Storm Sewer Inlet
- Storm Sewer Headwall/Endwall
- Terminal Storm Outfall

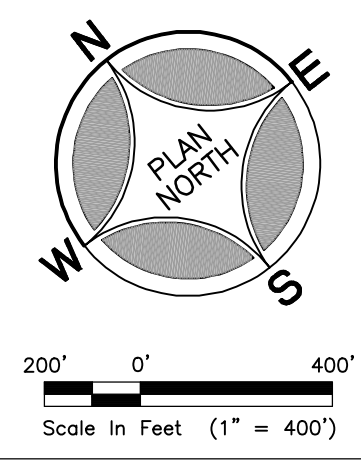
LOCATION MAP



WORCESTER TOWNSHIP

WEST NORRITON TOWNSHIP

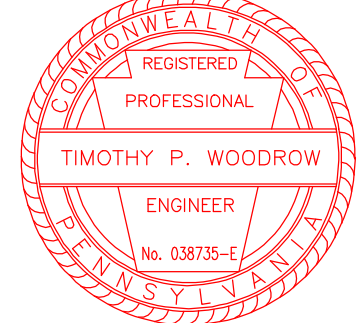
REVISIONS



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1000 E. Main St.
Eagleville, PA 19003
Phone: (610) 539-8620

Township Boundary: 14.77 Sq. Miles (9,454 Acres)

FINAL PLAN
TOWNSHIP STORM SEWER
OUTFALL MAP SECTION 'C'
LOWER PROVIDENCE TOWNSHIP - PENNSYLVANIA

WOODROW & ASSOCIATES, INC.
MUNICIPAL/CIVIL CONSULTING ENGINEERS
1108 North Bethlehem Pike / Suite 5 - Lower Merion, PA 19002
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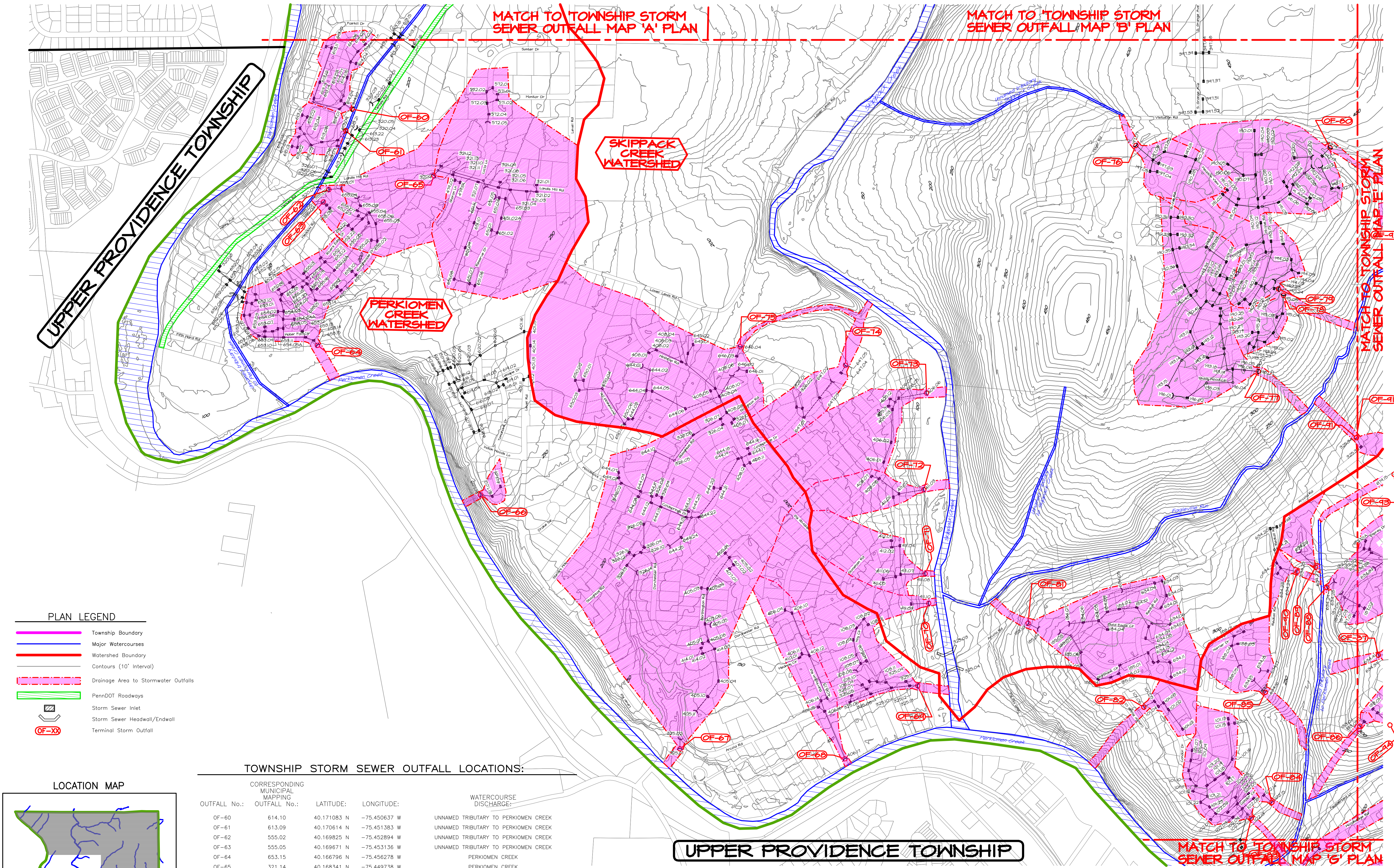
Layer List:
B-SHT06_OUTFALL-C

Job No: 14-0313LP

Plan Date: AUGUST 11, 2017

Sheet No: 6 of 10

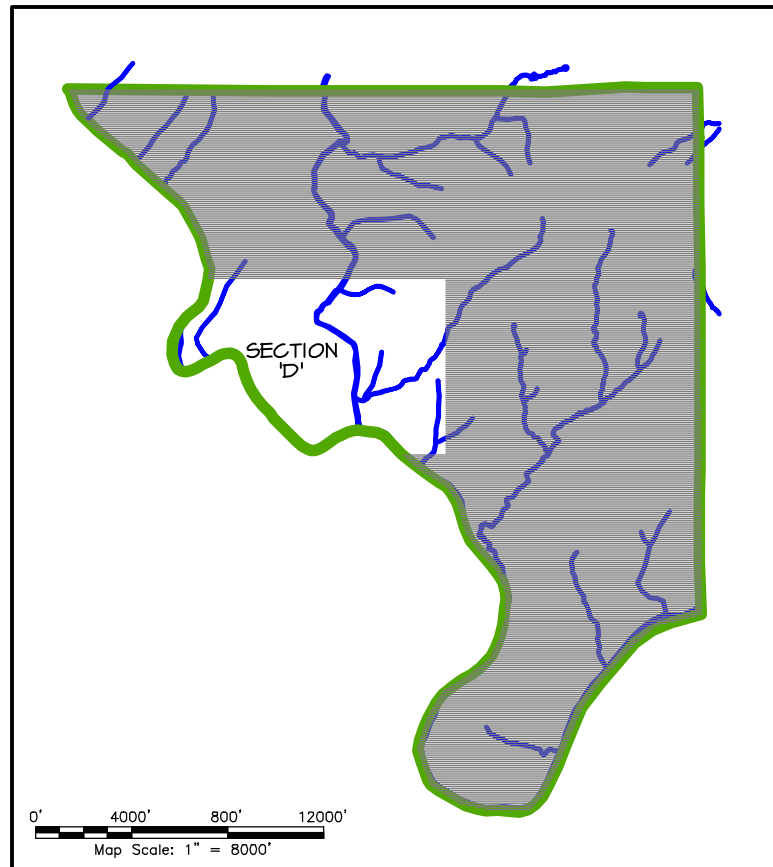
Project No. 14-0313LP Project Name: LOWER PROVIDENCE TOWNSHIP Print Date: May 8, 2022 (10:57)



PLAN LEGEND

- Township Boundary
- Major Watercourses
- Watershed Boundary
- Contours (10' Interval)
- Drainage Area to Stormwater Outfalls
- PennDOT Roadways
- Storm Sewer Inlet
- Storm Sewer Headwall/Endwall
- Terminal Storm Outfall

LOCATION MAP



TOWNSHIP STORM SEWER OUTFALL LOCATIONS:

OUTFALL No.:	CORRESPONDING MUNICIPAL MAPPING OUTFALL No.:	LATITUDE:	LONGITUDE:	WATERCOURSE DISCHARGE:
OF-60	614.10	40.171083 N	-75.450637 W	UNNAMED TRIBUTARY TO PERKIOMEN CREEK
OF-61	613.09	40.170614 N	-75.451383 W	UNNAMED TRIBUTARY TO PERKIOMEN CREEK
OF-62	555.02	40.169825 N	-75.452894 W	UNNAMED TRIBUTARY TO PERKIOMEN CREEK
OF-63	555.05	40.169671 N	-75.453136 W	UNNAMED TRIBUTARY TO PERKIOMEN CREEK
OF-64	653.15	40.166796 N	-75.456278 W	PERKIOMEN CREEK
OF-65	321.14	40.168341 N	-75.449738 W	PERKIOMEN CREEK
OF-66	617.03	40.161283 N	-75.454970 W	PERKIOMEN CREEK
OF-67	325.01	40.153311 N	-75.454955 W	PERKIOMEN CREEK
OF-68	406.17	40.150446 N	-75.450691 W	PERKIOMEN CREEK
OF-69	325.13	40.150734 N	-75.447604 W	SKIPPACK CREEK
OF-70	411.10	40.152288 N	-75.445448 W	SKIPPACK CREEK
OF-71	411.08	40.154419 N	-75.443282 W	SKIPPACK CREEK
OF-72	411.03	40.156405 N	-75.441418 W	SKIPPACK CREEK
OF-73	406.06	40.147761 N	-75.419284 W	SKIPPACK CREEK
OF-74	647.05	40.158276 N	-75.442899 W	SKIPPACK CREEK
OF-75	646.04	40.160272 N	-75.445453 W	SKIPPACK CREEK
OF-76	197.07	40.158330 N	-75.430603 W	UNNAMED TRIBUTARY TO SKIPPACK CREEK

UPPER PROVIDENCE TOWNSHIP

TOWNSHIP STORM SEWER OUTFALL LOCATIONS:

OUTFALL No.:	CORRESPONDING MUNICIPAL MAPPING OUTFALL No.:	LATITUDE:	LONGITUDE:	WATERCOURSE DISCHARGE:	OUTFALL No.:	CORRESPONDING MUNICIPAL MAPPING OUTFALL No.:	LATITUDE:	LONGITUDE:	WATERCOURSE DISCHARGE:
OF-77	196.07	40.151763 N	-75.432368 W	EAGLEVILLE RUN TO SKIPPACK CREEK	OF-84	102.15	40.142880 N	-75.440655 W	UNNAMED TRIBUTARY TO PERKIOMEN CREEK
OF-78	195.05	40.152883 N	-75.430114 W	EAGLEVILLE RUN TO SKIPPACK CREEK	OF-85	634.16	40.145272 N	-75.438830 W	UNNAMED TRIBUTARY TO PERKIOMEN CREEK
OF-79	190.24	40.153073 N	-75.430063 W	EAGLEVILLE RUN TO SKIPPACK CREEK	OF-86	183.05	40.143280 N	-75.436785 W	UNNAMED TRIBUTARY TO PERKIOMEN CREEK
OF-80	192.14	40.155139 N	-75.426005 W	EAGLEVILLE RUN TO SKIPPACK CREEK	OF-87	634.41	40.144123 N	-75.434848 W	UNNAMED TRIBUTARY TO PERKIOMEN CREEK
OF-81	185.10	40.150282 N	-75.443303 W	EAGLEVILLE RUN TO SKIPPACK CREEK	OF-88	634.29	40.146432 N	-75.434677 W	UNNAMED TRIBUTARY TO PERKIOMEN CREEK
OF-82	101.16	40.146837 N	-75.442632 W	PERKIOMEN CREEK	OF-89	634.27	40.147057 N	-75.434664 W	UNNAMED TRIBUTARY TO PERKIOMEN CREEK
OF-83	102.13	40.142915 N	-75.441744 W	UNNAMED TRIBUTARY TO PERKIOMEN CREEK	OF-90	634.25	40.147251 N	-75.435271 W	UNNAMED TRIBUTARY TO PERKIOMEN CREEK
					OF-91	325.34	40.149070 N	-75.430968 W	EAGLEVILLE RUN TO SKIPPACK CREEK

REVISIONS

No.	DATE	DESCRIPTION
3	05/09/2023	Revisions per RFP e-mail comments received 04/19/2023.
2	10/31/2023	Revisions per RFP e-mail comments received 07/17/2023.
1	05/09/2023	Initial design and construction documents issued on 07/12/2023.

Scale in Feet (1" = 400')

200' 0' 400'

Scale in Feet (1" = 400')

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CALL 1-800-242-1776

APPLICANT: LOWER PROVIDENCE TOWNSHIP
1000 E. Main St.
Eagleville, PA 19003
Phone: (610) 539-8020

14.77 Sq. Miles
(9,454 Acres)

WOODROW & ASSOCIATES, INC.
MUNICIPAL/CIVIL CONSULTING ENGINEERS
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FINAL PLAN

TOWNSHIP STORM SEWER OUTFALL MAP SECTION 'D'

LOWER PROVIDENCE TOWNSHIP

WOODROW & ASSOCIATES, INC.

LOWER PROVIDENCE TOWNSHIP - MONTGOMERY COUNTY - PENNSYLVANIA

14-0313LP

AUGUST 11, 2017

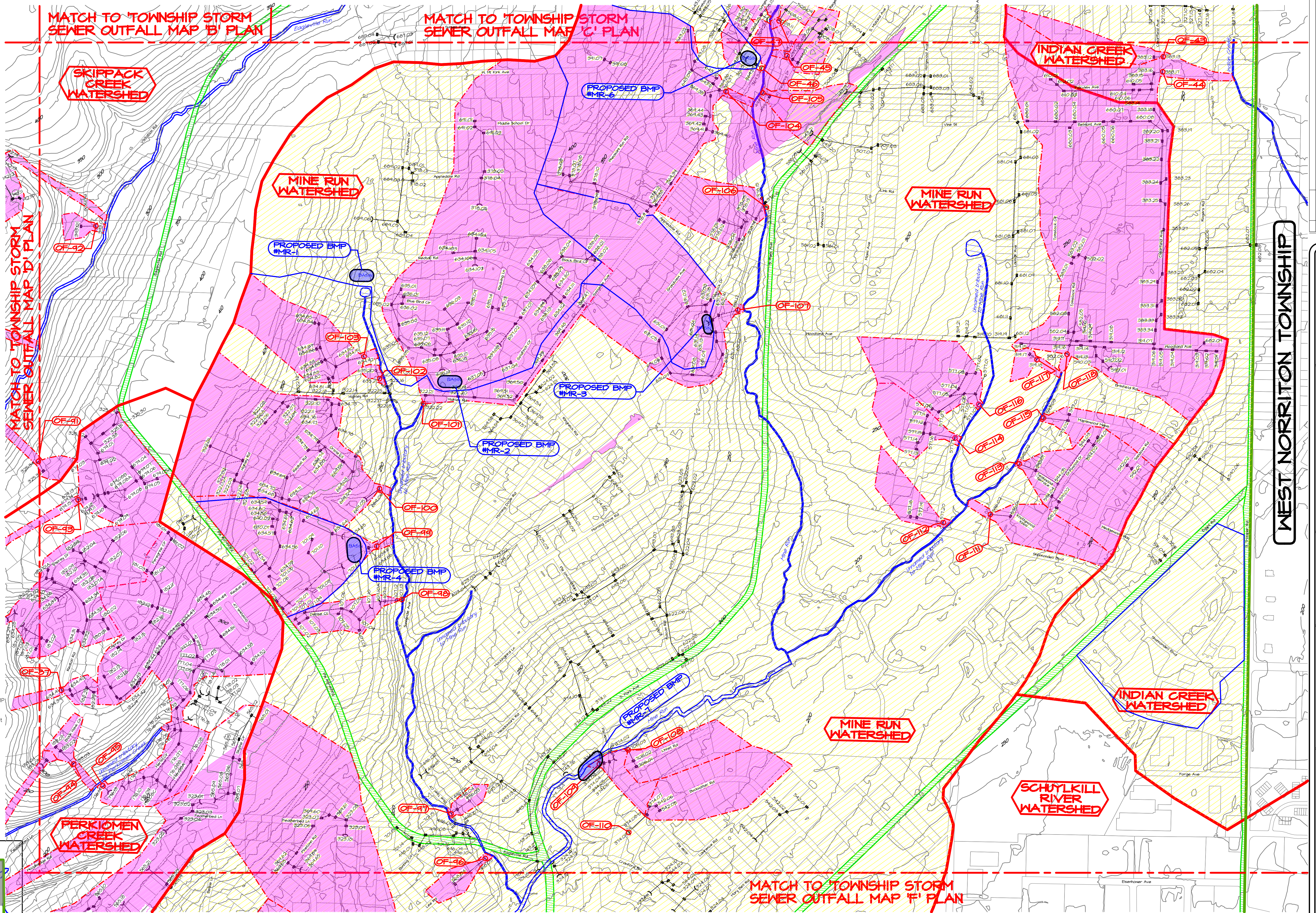
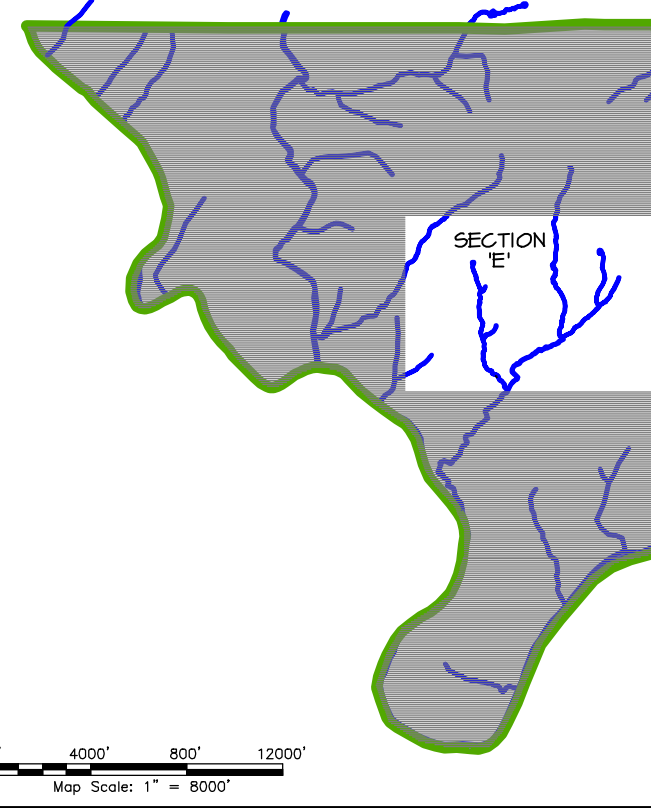
7 of 10

Project Name: LOWER PROVIDENCE TOWNSHIP Final Date: May 8, 2022 (10:58)

PLAN LEGEND

- Township Boundary
- Major Watercourses
- Watershed Boundary
- Contours (10' Interval)
- Drainage Area to proposed BMP modifications
- Watershed Areas with a Pollution Reduction requirement
- Drainage Area to Stormwater Outfalls
- PennDOT Roadways
- Proposed Pollution Reduction BMPs
- Storm Sewer Inlet
- Storm Sewer Headwall/Endwall
- Terminal Storm Outfall

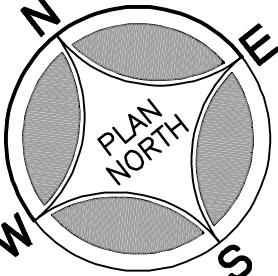
LOCATION MAP



TOWNSHIP STORM SEWER OUTFALL LOCATIONS:

CORRESPONDING MUNICIPAL MAPPING					CORRESPONDING MUNICIPAL MAPPING					CORRESPONDING MUNICIPAL MAPPING					CORRESPONDING MUNICIPAL MAPPING				
OUTFALL No.:	OUTFALL No.:	LATITUDE:	LONGITUDE:	WATERCOURSE DISCHARGE:	OUTFALL No.:	OUTFALL No.:	LATITUDE:	LONGITUDE:	WATERCOURSE DISCHARGE:	OUTFALL No.:	OUTFALL No.:	LATITUDE:	LONGITUDE:	WATERCOURSE DISCHARGE:	OUTFALL No.:	OUTFALL No.:	LATITUDE:	LONGITUDE:	WATERCOURSE DISCHARGE:
OF-92	393.02	40.152624 N	-75.424862 W	EAGLEVILLE RUN TO SKIPPACK CREEK	OF-101	322.22	40.144513 N	-75.420446 W	UNNAMED TRIBUTARY TO MINE RUN	OF-110	374.09	40.133362 N	-75.423233 W	MINE RUN	OF-92	393.02	40.152624 N	-75.424862 W	EAGLEVILLE RUN TO SKIPPACK CREEK
OF-93	679.15	40.147861 N	-75.430596 W	EAGLEVILLE RUN TO SKIPPACK CREEK	OF-102	635.21	40.145722 N	-75.420832 W	UNNAMED TRIBUTARY TO MINE RUN	OF-111	596.02	40.134257 N	-75.408387 W	UNNAMED TRIBUTARY TO MINE RUN	OF-93	679.15	40.147861 N	-75.430596 W	EAGLEVILLE RUN TO SKIPPACK CREEK
OF-94	183.03	40.142815 N	-75.435888 W	UNNAMED TRIBUTARY TO PERKIOMEN CREEK	OF-103	634.92	40.146239 N	-75.420916 W	UNNAMED TRIBUTARY TO MINE RUN	OF-112	577.20	40.134567 N	-75.409599 W	UNNAMED TRIBUTARY TO MINE RUN	OF-94	183.03	40.142815 N	-75.435888 W	UNNAMED TRIBUTARY TO PERKIOMEN CREEK
OF-95	176.14	40.141798 N	-75.435504 W	UNNAMED TRIBUTARY TO MINE RUN	OF-104	369.37	40.145643 N	-75.406569 W	MINE RUN	OF-113	595.02	40.134393 N	-75.408259 W	UNNAMED TRIBUTARY TO MINE RUN	OF-95	176.14	40.141798 N	-75.435504 W	UNNAMED TRIBUTARY TO MINE RUN
OF-96	568.05	40.134933 N	-75.427399 W	UNNAMED TRIBUTARY TO MINE RUN	OF-105	499.11	40.145433 N	-75.406046 W	MINE RUN	OF-114	577.17	40.136077 N	-75.407720 W	UNNAMED TRIBUTARY TO MINE RUN	OF-96	568.05	40.134933 N	-75.427399 W	UNNAMED TRIBUTARY TO MINE RUN
OF-97	496.05	40.136376 N	-75.427517 W	UNNAMED TRIBUTARY TO MINE RUN	OF-106	378.17	40.143265 N	-75.408001 W	MINE RUN	OF-115	593.03	40.134656 N	-75.406908 W	UNNAMED TRIBUTARY TO MINE RUN	OF-97	496.05	40.136376 N	-75.427517 W	UNNAMED TRIBUTARY TO MINE RUN
OF-98	107.13	40.141132 N	-75.424982 W	UNNAMED TRIBUTARY TO MINE RUN	OF-107	631.17	40.141577 N	-75.410718 W	MINE RUN	OF-116	577.10	40.136546 N	-75.406908 W	UNNAMED TRIBUTARY TO MINE RUN	OF-98	107.13	40.141132 N	-75.424982 W	UNNAMED TRIBUTARY TO MINE RUN
OF-99	634.67	40.142443 N	-75.424045 W	UNNAMED TRIBUTARY TO MINE RUN	OF-108	706.03	40.134947 N	-75.421859 W	MINE RUN	OF-117	319.18	40.136560 N	-75.404102 W	UNNAMED TRIBUTARY TO MINE RUN	OF-99	634.67	40.142443 N	-75.424045 W	UNNAMED TRIBUTARY TO MINE RUN
OF-100	669.06	40.143226 N	-75.423067 W	UNNAMED TRIBUTARY TO MINE RUN	OF-109	374.03	40.135126 N	-75.422664 W	MINE RUN	OF-118	582.06	40.136126 N	-75.403313 W	UNNAMED TRIBUTARY TO MINE RUN	OF-100	669.06	40.143226 N	-75.423067 W	UNNAMED TRIBUTARY TO MINE RUN

WEST NORRITON TOWNSHIP

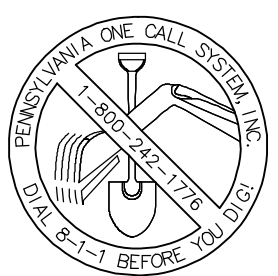


Scale in Feet (1" = 400')

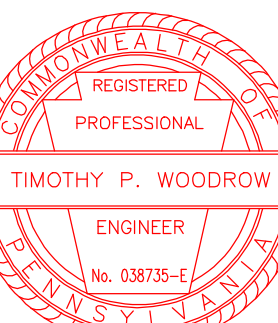
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CALL 1-800-242-1776



Applicant: LOWER PROVIDENCE TOWNSHIP
1000 E. Main St.
Exton, PA 19341
Phone: (610) 539-8020
Township Boundary: 14.77 Sq. Miles (9,454 Acres)

FINAL PLAN
TOWNSHIP STORM SEWER OUTFALL MAP SECTION 'E'
LOWER PROVIDENCE TOWNSHIP
WOODROW & ASSOCIATES, INC.
MUNICIPAL/CIVIL CONSULTING ENGINEERS
1108 North Bethlehem Pike, Suite 500 - Lower Merion, PA 19002
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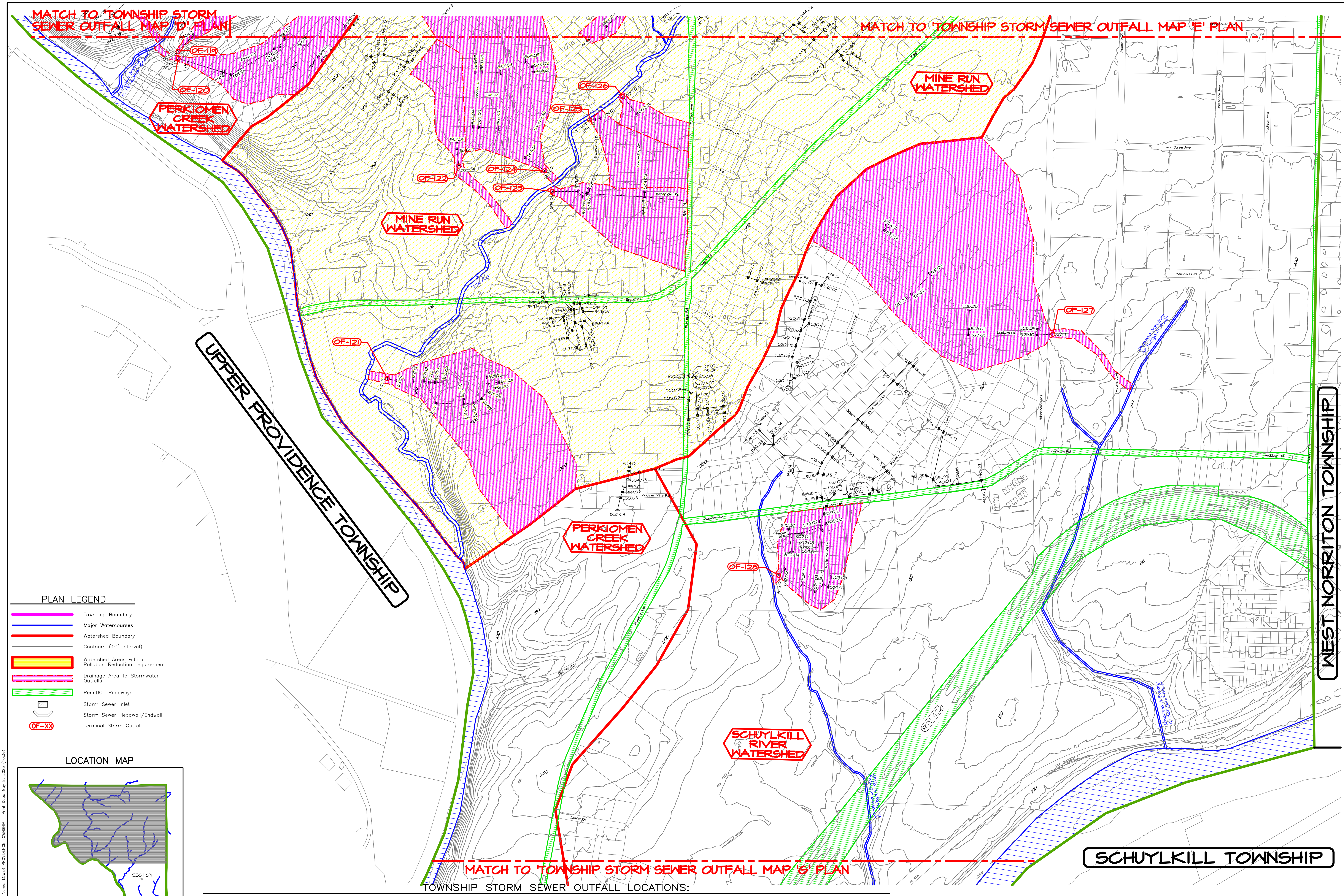


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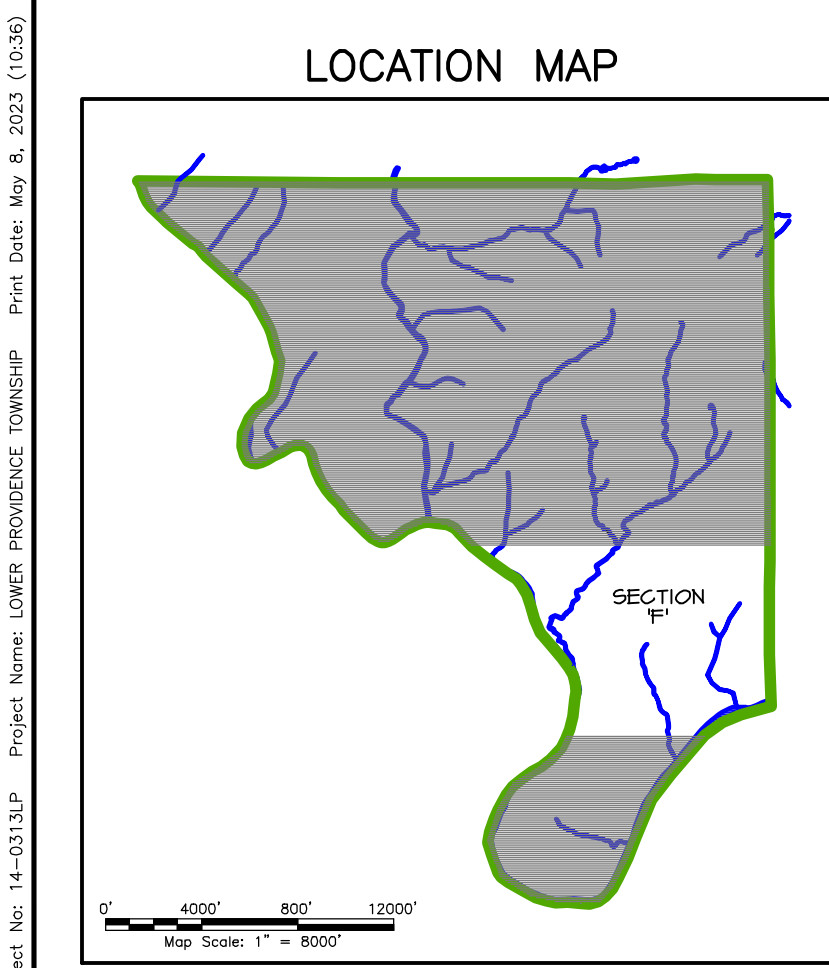
Plan Date: AUGUST 11, 2017

Sheet No: 8 of 10



PLAN LEGEND

- Township Boundary
- Major Watercourses
- Watershed Boundary
- Contours (10' Interval)
- Watershed Areas with a Pollution Reduction requirement
- Drainage Area to Stormwater Outfalls
- PennDOT Roadways
- Storm Sewer Inlet
- Storm Sewer Headwall/Endwall
- Terminal Storm Outfall



TOWNSHIP STORM SEWER OUTFALL LOCATIONS:

OUTFALL No.:	CORRESPONDING MUNICIPAL MAPPING OUTFALL No.:	LATITUDE:	LONGITUDE:	WATERCOURSE DISCHARGE:	OUTFALL No.:	CORRESPONDING MUNICIPAL MAPPING OUTFALL No.:	LATITUDE:	LONGITUDE:	WATERCOURSE DISCHARGE:
OF-119	570.02	40.141370 N	-75.440903 W	UNNAMED TRIBUTARY TO PERKIOMEN CREEK	OF-124	589.02	40.132842 N	-75.433358 W	MINE RUN
OF-120	565.15	40.141227 N	-75.441120 W	UNNAMED TRIBUTARY TO PERKIOMEN CREEK	OF-125	579.03	40.133172 N	-75.430993 W	MINE RUN
OF-121	621.15	40.130984 N	-75.442454 W	MINE RUN	OF-126	600.02	40.133159 N	-75.429751 W	MINE RUN
OF-122	567.03	40.134129 N	-75.435617 W	MINE RUN	OF-127	528.11	40.121228 N	-75.423065 W	UNNAMED TRIBUTARY TO SCHUYLKILL RIVER
OF-123	579.06	40.132449 N	-75.433610 W	MINE RUN	OF-128	672.06	40.120792 N	-75.435447 W	UNNAMED TRIBUTARY TO SCHUYLKILL RIVER

REVISIONS

No.	DATE	DESCRIPTION
1	05/09/2023	Revisions per RFP e-mail comments received 04/19/2023.
2	10/31/2023	Revisions per RFP e-mail comments received 07/17/2023.
3	05/09/2023	Revisions per RFP e-mail comments received 04/19/2023.

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CALL 1-800-242-1776

PROFESSIONAL ENGINEER

TIMOTHY P. WOODROW

No. 63675-1

Applicant: LOWER PROVIDENCE TOWNSHIP
1000 E. Main St.
Ephrata, PA 19003
Phone: (610) 539-8020

Township Boundary: 14.77 Sq. Miles (9,454 Acres)

FINAL PLAN
TOWNSHIP STORM SEWER OUTFALL MAP SECTION 'F'
LOWER PROVIDENCE TOWNSHIP

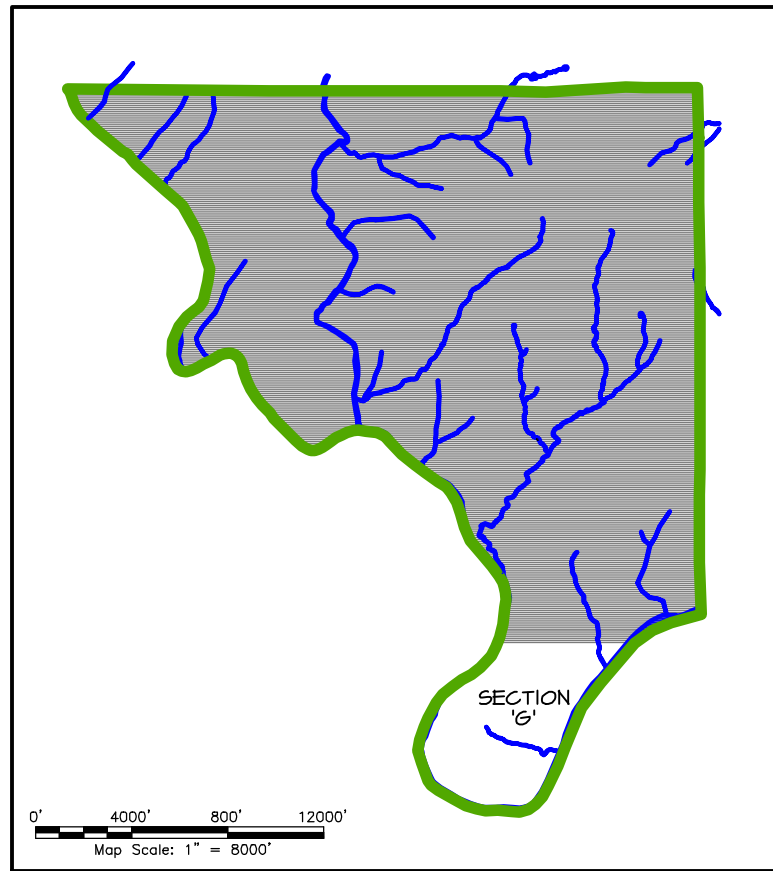
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MUNICIPAL/CIVIL CONSULTING ENGINEERS
1108 North Bethlehem Pike / Suite 500 - Lower Merion, PA 19002
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Web: www.woodrow.com

Layer List:
B-SHT09_OUTFALL-F

Job No:
14-0313LP

Plan Date:
AUGUST 11, 2017

Sheet No:
9 of 10

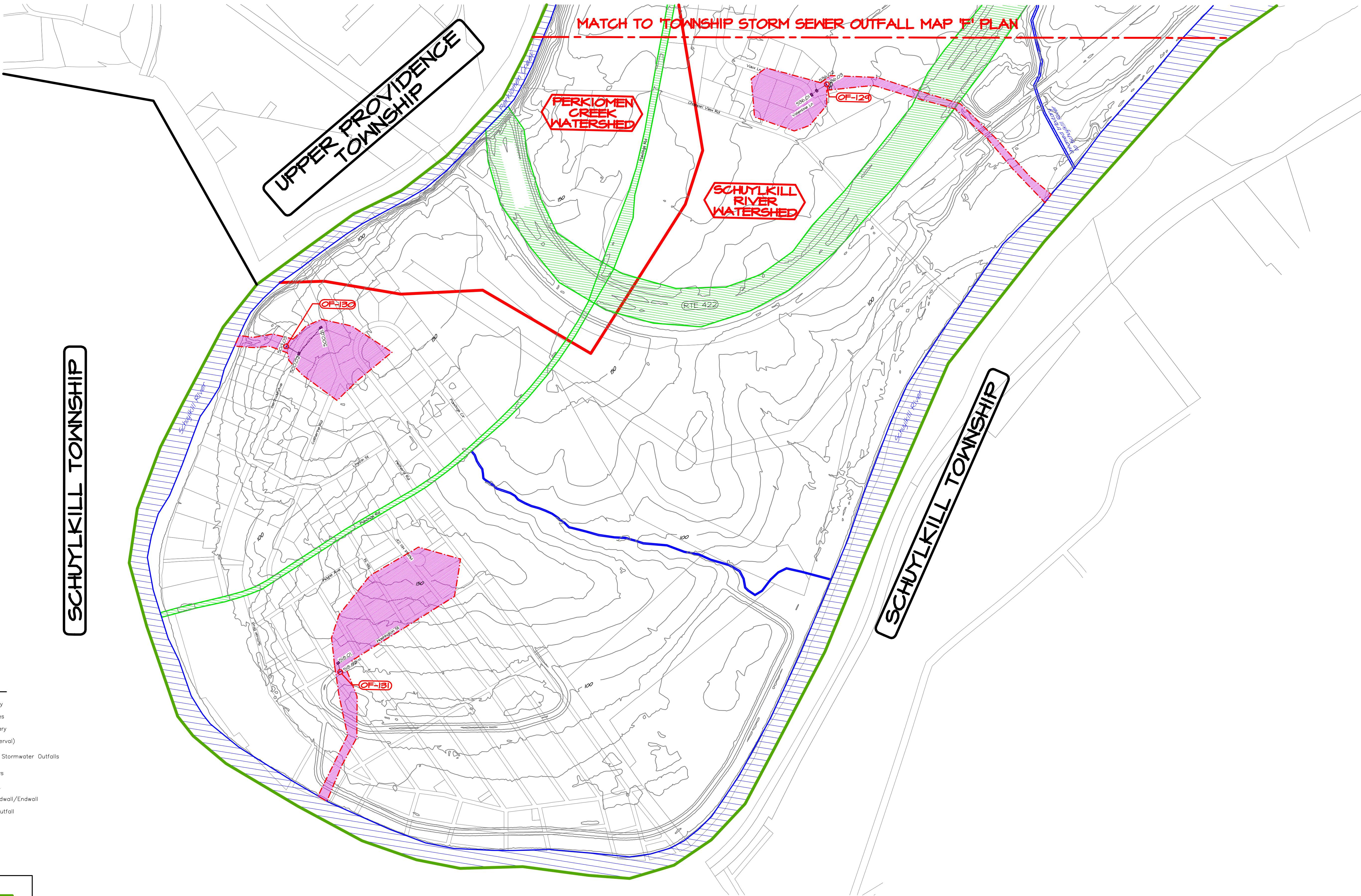


PLAN LEGEND

- Township Boundary
- Major Watercourses
- Watershed Boundary
- Contours (10' Interval)
- Drainage Area to Stormwater Outfalls
- PennDOT Roadways
- Storm Sewer Inlet
- Storm Sewer Headwall/Endwall
- Terminal Storm Outfall

TOWNSHIP STORM SEWER OUTFALL LOCATIONS:

CORRESPONDING MUNICIPAL MAPPING		LATITUDE:		LONGITUDE:		WATERCOURSE DISCHARGE:	
OUTFALL No.:	OUTFALL No.:						
OF-129	536.03	40.115105 N	-75.444537 W			UNNAMED TRIBUTARY TO SCHUYLKILL RIVER	
OF-130	500.03	40.118263 N	-75.462561 W			SCHUYLKILL RIVER	
OF-131	518.02	40.111156 N	-75.467254 W			SCHUYLKILL RIVER	



REVISIONS

No.	DATE	DESCRIPTION
3	05/08/2012	Revisions per DEP e-mail comments received 04/19/2012.
2	10/31/2011	Revisions per DEP e-mail comments received 07/14/2011.
1	05/08/2011	Revisions per Montco e-mail comments received 04/12/2011.

FINAL PLAN

TOWNSHIP STORM SEWER OUTFALL MAP SECTION 'G'

LOWER PROVIDENCE TOWNSHIP

WOODROW & ASSOCIATES, INC. MUNICIPAL / CIVIL CONSULTING ENGINEERS

1108 North Bethlehem Pike / Suite 5 - Lower Merion, PA 19002

Phone: (215) 542-5548 Fax: (215) 542-5579

Website: www.woodrowinc.com

Applicant:

LOWER PROVIDENCE TOWNSHIP

1000 Locust St.

Exton, PA 19341

Phone: (610) 539-8020

Township Boundary:

14.77 Sq. Miles (9,454 Acres)

Layer List:

B-SHT10_OUTFALL-G

Job No:

14-0313LP

Plan Date:

AUGUST 11, 2017

Sheet No:

10 of 10

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REGISTERED PROFESSIONAL ENGINEER

TIMOTHY P. WOODROW

No. 63875-1

PA