



Swatara Township

Stormwater Authority

599 Eisenhower Blvd.
Harrisburg, PA 17111

Phone: 717-564-2551
Fax: 717-564-5895

February 2023 Monthly

Report

March 6, 2023

Completed Tasks

- Staff worked on a story map for 2022
 - The Story map "2022 Year In Review" can be viewed at <https://arcg.is/5f9iz>. The Story map has been posted on the Website.
- Staff continued Esri training: completed beginner Python series (our software's language)
 - Python is a scripting language that allows the user to customize inputs and automate tasks.

February Activities

- Staff began our permit required B.M.P. inspections. We have completed 150 inspections.

Upcoming Tasks

- Staff will be designing a new Best Management Practice (BMP) Inspection Program in the beginning of the new year
 - This program will help residents ensure that their onsite Stormwater management is operating as expected, aiding in our efforts as a Township to comply with DEP requirements
- Stormwater staff are working with the Finance Department in 2023's billing cycle.
- Staff will begin Outfall inspections.
- The current weather has allowed staff to begin repairs on stormwater inlets. We will continue necessary repairs as weather allows.

Ongoing Tasks

- HRG continues to review and complete stormwater inspections for land development plans.
- Staff has continued meetings with PennDOT regarding the Stream Restoration Project Proposal
 - Work continues on conservation easements.
 - Sanitary sewer coordination has been completed.

- Potential start date of June/July 2023
- Highland Street Stormwater Pipe Relocation/Connectivity
 - This project will install a walkway connecting the Bishop Tract to Hanshue Street
 - HRG survey team measured all Stormwater asset elevations
 - Dawood and HRG are pursuing grant opportunities for funding.
 - Staff has approached residents to discuss our plans and is in the process of obtaining necessary easements.
 - Staff met with HRG to review the final design in the field February 1
- Rupp Hill Road
 - The Rupp Hill Road Restoration project has finished its design phase.
 - Met with Pitt Ohio on January 23 to discuss traffic patterns.
 - Feesers rescheduled to a later date.
- The staff was given an approximate time of delivery of the Vac-Flush truck. The new date is September of 2023



Herbert, Rowland & Grubic, Inc.
369 East Park Drive
Harrisburg, PA 17111
717.564.1121
www.hrg-inc.com

3/2/2023

Mr. Kevin Trafka
Stormwater Coordinator
Swatara Township
599 Eisenhower Blvd.
Harrisburg, PA 17111

Re: Status Update - Drainage Improvements at 892 3rd Ave.

Dear Mr. Trafka:

On Monday February 20th, HRG performed an inspection of the drainage improvements constructed along the northern property line of 892 3rd Ave. The work generally appears to be in conformance with our recommendations and is progressing toward satisfying the conditions of the January 2023 letter from Tucker Arensberg. A status update on each item from that letter is provided below in italics:

- I. **Request and Attend a Pre-Construction Conference with the Township.** You must request and attend a pre-construction conference with the Township at least twenty-four (24) hours prior to beginning the work described in this letter.

This task has been completed.

- II. **Place Stone to Allow Access and Stop Erosion.** Within sixty (60) days from the date of this letter, you must install a triangular stone apron at the top of the driveway. The stone apron must come up to the top of the rolled asphalt curb where the curb is present. Where the curb stops, the stone placement must continue for several more feet to stabilize the area where runoff flows over the embankment. Additionally, the stone must be placed flush with the driveway and between the bottom of the embankment and the white line to provide a stabilized area for stormwater to flow to the back of the Property. In this area, approximately 6-12" of soil must be removed so that the rock layer is recessed into the soil, forming a low-lying swale that will collect and convey water. At least 3 days prior to performing this excavation, a PA One-Call notification must be filed. It is critical that both the triangular apron and the stabilized flow area be graded and constructed to collect and convey runoff to the rear of the property and not direct water to the adjacent property.

This task has been completed.

- III. **Request an Initial Inspection.** You must schedule an inspection with the Township no more than sixty (60) days from the date of this letter to enable Township personnel to inspect the stone placed in above-described manner.

This task has been completed.

- IV. **Remove Stone from the Adjacent Property.** The stone base of the driveway pavement on the Property has washed out onto the neighboring property. Accordingly, the stone washout needs to be removed from the neighboring property and the neighboring lawn needs to be re-established no more than one-hundred and twenty (120) days from the date of the execution of this Memorandum.

This task has been completed but should be monitored to ensure that none of the newly placed stone washes onto the adjacent property.

- V. **Request a Follow-Up Inspection.** You must schedule an inspection with the Township no more than one-hundred and twenty (120) days from the date of this letter, allowing Township personnel to confirm that the adjacent property's lawn was re-established in the washout area.

This task has not yet been completed due to winter weather conditions. A follow-up inspection is recommended in the month of April.

- VI. **Request a Modification of the Stormwater Management Ordinance.** Because the impervious area on the Property exceeds 1,000 square feet, you must request a modification of the Township's Stormwater Management Ordinance. However, such modification should only be requested after the above-listed work is complete and after several heavy rain events. Furthermore, such modification shall be requested no longer than one-hundred and twenty (120) days from the date of the execution of this Memorandum.

This task has not yet been completed. It is recommended that the modification request be filed after the follow-up inspection so it can indicate that the installed improvements have demonstrated success as an alternative to the requirements of the stormwater management ordinance.

Please let me know if you have any questions or would like to discuss any of these items further.

Sincerely,

Herbert, Rowland & Grubic, Inc.



J. Michael Hess, PE
Team Leader/Sr. Project Manager

R001512.0485

P:\0015\001512_0485\Admin\000 Misc\892 3rd Ave - 3rd and Union Streets\2023.03.02 Post Construction Field View - 892 3rd Ave.docx

Enclosures

c: Dan Snow, Srinivas Kakumanu, Ashley Puchalski (Tucker Arensberg), Robert Ihlein (Swatara Twp.)