



MS4 DEPARTMENT MONTHLY REPORT

April 1, 2023 – April 28, 2023

NOTEWORTHY ITEMS

- ❖ Spring planting has begun!
 - Pollinator Pots were refreshed with new soil and spring plantings donated by Penn Cumberland Garden Club
 - Lemoyne Resident Donna Royal donated her time helping us plant all of our Market St pots
 - Pollinator Pots at 510 Herman have been weeded and replanted with appropriate plantings
 - Front garden at 510 Herman had severe overgrowth and massively tangled deep roots
 - Gardens been dug out, bricks uncovered, weed barrier wrapped, replanted natives, mulched
 - All new plantings are native low-growth/ wide-spread perennials that will grow to 12” or less so that sign is not obstructed
 - Spring bulbs like daffodils, hyacinths, crocuses, etc. will be planted in fall and bloom next spring
 - Planning to plant around clock pole and along other side of stairway
 - Rain garden plantings will begin in May or when specialized plants are available from nurseries
 - 500 native plant plugs in our contract/ up to 10 species
 - Land Studies will arrive next week to weed and prepare beds for new plantings
 - Trash, debris, and sludge have been removed from rain gardens prior to Land Studies visit
 - Land Studies will order plugs and and plant once they arrive
 - Will order B&B (balled & burlapped) Ivory Silk Lilac Tree as replacement for tree destroyed by car accident on 7th & Market Sts
 - MS4 & Maintenance assessed condition of trees in rain gardens
 - Mold on some north side trees close to 3rd; very little sun
 - Missing bark/ lightning strike
 - Will research to see if we plant same trees or find species better suited to that area
 - We may need to replace 2-4 trees
- ❖ Received Cumberland County Land Partnerships Grant for \$29,000
 - \$\$ will be used to rehab basketball courts, add Gaga Pit, new signage, and native plants
 - Equal Match required from Lemoyne Borough
- ❖ Reviewed latest draft of Lemoyne Borough’s Comprehensive Recreation, Parks, and Open Space Plan
 - Met with CRPOS committee to create plan for next iteration of draft
 - Committee chair will send requirements to consultant with deadline and timeline for review



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- ❖ Continued preparation for upcoming MS4 improvements for 3rd St and 9th St improvements
 - 3rd St and Walnut St storm sewer improvements – Council selected bidder; contracts will be sent to winner
 - 9th St storm sewer improvements – Council selected bidder; contracts will be sent to winner
 - These projects will add additional storm drains and underground infrastructure to reduce flooding, erosion, and issues caused by stormwater in these areas

- ❖ Beginning planning stages for Walnut St/ UNT to Susquehanna Stormwater 2023 Project
 - Site surveys and easement descriptions for all affected property owners have been submitted to legal team
 - Water Obstructions and Encroachment Permit and plans have been sent to PennDOT for approval
 - This project is designed to reduce the volume, velocity, and pollutant load (including nitrogen, phosphorous, & sediment) of stormwater that flows into our tributaries and the Susquehanna River, and it will allow us to meet 2023 permit requirements for Lemoyne Borough's MS4 Pollutant Reduction Plan, approved by the PA DEP.

- ❖ Illicit Discharge case on 400 block of S 3rd St
 - Follow up investigations showed evidence of illicit discharge during a heavy rainstorm
 - Sent out NOV letter to Shiny Shell in Lemoyne and ColdWater Capital in Utah
 - Listed impacted ordinances/ detailed violations / requested next steps in writing by 5/1/23
 - Plan for appropriate removal and disposal of all contaminants that have entered the storm drain
 - Receipt detailing the location of hazardous waste disposal and amount disposed.
 - Corrective Action Plan for potential ongoing issues
 - Will perform follow up inspections and continue documenting
 - Corrective Action Plan addressing violations has been received
 - Will meet in early May to review plan & determine next steps

- ❖ This month brought several days of heavy rainfall
 - Prior to weather events, inspected and prepped drains in anticipation of heavy precipitation
 - Cleared trash, debris, pine needles, leaves, and skid stones out of storm drains, inlets, rain gardens, and swales prior to, during, and after storms throughout month to prevent localized flooding and reduce pollution in storm drains

Public Outreach Updates:

- ❖ ARBOR DAY FESTIVAL update – Memorial Park event Saturday, 4/29/23 from 10 am – 2 pm
 - Rented 2 extra standard size portable restroom stations w/ sanitizer for event



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- Setting up sanitizing stations around park
- Received donation of use of two large event tents through Musselman's 20x10 each
- Created flier specifically for school distribution; sent to administration; received approval for West Shore School District and Harrisburg Academy
- Sorted & sent fliers and advertisement details to 10 schools & various businesses
- Final coloring book sent to HAAS
- Ongoing communications with approved vendors and sponsors, local and national organizations, participants, staff, etc. to facilitate event.
- Walked park with Maintenance to determine best placement and alternative options for saturated grounds
- Mayor Salkowski has written an Arbor Day proclamation, which (along with other requirements that have already been completed) will allow us to be recognized by Tree City USA
- Collaborated with Fredricksen Library educators to create Story Walk – A Tree Is Planted
- ❖ Collaborated w/ Fredricksen Library educators to help with “Clean Water Science” – 2 classes for 8-12 y.o. students & parents
 - Will count as a community engagement & education event on our annual DEP report
- ❖ Participated in BioBlitz at newly created Vince DiFilippo Nature Preserve
 - Watershed educational event for high school students hosted by the CBF and CCWA
 - Will count as a collaboration with multiple municipalities, watershed organizations, and government offices as a community engagement & education event on our annual DEP report
- ❖ Mark your calendars for StormFest 2023 – July 26 at Camp Hill Borough Building!

- ❖ **ARBOR DAY FESTIVAL** – Memorial Park event Saturday, 4/29/23, 10 am – 2 pm
 - Educational outreach event for children and adults including demonstrations, live animals, art projects, crafts, giveaways, and hands-on STEM activities.
 - Learn about the importance of native trees and plants in providing clean water, mitigating stormwater pollution, and balancing the ecosystem.
 - Our vendors will show you how to help our birds, pollinator insects, and wildlife at home through fun activities.
- ❖ Please email Kasha Griva kgriva@lemoynepa.com or 717-317-1412 if you would like to participate in our event, volunteer, sponsor, host a table or educational activity, or refer another organization!

PRESENTATIONS:

- ✓ **Fairhaven Healing – 10:00 am:** “Saving the Monarchs” – presenting how to restore local Monarch population
- ✓ **DCNR Environmental Educators – 11:00 am:** demonstrating PA native owls that depend on our trees; will have owl mounts (taxidermy), wings, etc.
- ✓ **Hershey Zoo – 12:00 pm:** demonstrating live PA native animals that depend on our trees



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SPONSORS:

- ✓ **Highland Gardens & John Leverentz** – donating gift card for Trees or Shrubs at Highland Gardens
- ✓ **Karns Foods** – donating paper bags for participants and gift card w/ gift basket as prize
- ✓ **HAAS Printing & AIMsights/ Marsha Everton** – donating custom professional coloring books
- ✓ **Oak Tree Comics** – donating tree-themed educational coloring pages for coloring book, custom bookmarks, and a copy of their book *Do You Speak Tree?*
- ✓ **Boscov's of Camp Hill** – donating packets of sunflower seeds to give to participants and table sign
- ✓ **Fairhaven Healing** – donating packets of milkweed and giveaways for participants

COMMUNITY PARTNERS:

- ✓ **Fredricksen Library** – informational table displaying library books/ offering library services; hands on activities: 1. composting bin with worms and 2. digging bed w/ dirt, seeds, shovels, vegetables, etc.
- ✓ **Whitaker Center** – providing hands-on watershed activity & display of Pennsylvania butterflies and moths as well as take home materials
- ✓ **PA Rural Water** – Augmented Reality Sand Table – show our local topography and teach about our watershed through sand play
- ✓ **Penn State Master Watershed Stewards** – educational table with hands on activities, including: 1. Stream in a Bucket and 2. Watershed Table
- ✓ **Penn State Master Gardeners** - educational activity and resources on native trees and plants, rain gardens, pollinator-friendly gardens, pollinators, etc.
- ✓ **Penn Royal Garden Club** - resources on native plants
- ✓ **PA American Water Environmental Educators** – hands on Watershed experiments & giveaways; WaterMobile onsite; create your own rainstick
- ✓ **Move Past Plastic** – educational table showing how plastics impact stormwater runoff, our watershed, and highlight proper recycling
- ✓ **Conodoguinet Creek Watershed Association** – informational table and kids' educational activity; giveaway of native trees & shrubs through Chesapeake Bay Foundation
- ✓ **West Shore Historical Society** – informational table with photos of historic local flooding and kids' arts & crafts activities
- ✓ **Members 1st** – promotional table with art activity painting flowerpots & event-themed prize
- ✓ **Recycle Bicycle** – free minor bike repairs, teaching bike/ helmet safety & how to ride bikes, bike donations
- ✓ **Lemoigne Borough MS4 Department** – educational table – watersheds/rain gardens/native plants/runoff
- ✓ **Lemoigne Borough Shade Tree Commission** – educational table – native trees, gift card prizes, etc.
- ✓ **West Shore Bureau of Fire** – informational table and free fire hats!
- ✓ **West Shore Regional Police Department**
 - **Rock-It Pizza & Subs** – food truck