

UPPER NAZARETH TOWNSHIP MS4 PROGRAM

4/19/2023 Board of Supervisors MS4 Workshop Discussion

4/19/2023 MS4 Workshop Meeting Agenda

- **PRP PROJECT UPDATES**
- **STORMWATER ORDINANCE UPDATE**



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IMPROVEMENTS PLAN
FARMVIEW EXTENDED DETENTION BASIN RETROFIT PROJECT
FARMVIEW RD. AT TATAMY RD. MEADOWS
UPPER MERIDEN TOWNSHIP
NORTHAMPTON COUNTY, PENNSYLVANIA

DESIGNED BY: KCE
CHECKED BY: KCE
DATE: 10/18/2020
SCALE: N.E.S.
JOB NUMBER: 10121-000C
SHEET: 1 OF 1

REVISIONS
BY: DATE

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East Office: Bethlehem, West Office: Waco, Texas, North Office: Kresgeville, Ohio
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UPPER NAZARETH TOWNSHIP MS4 PROGRAM

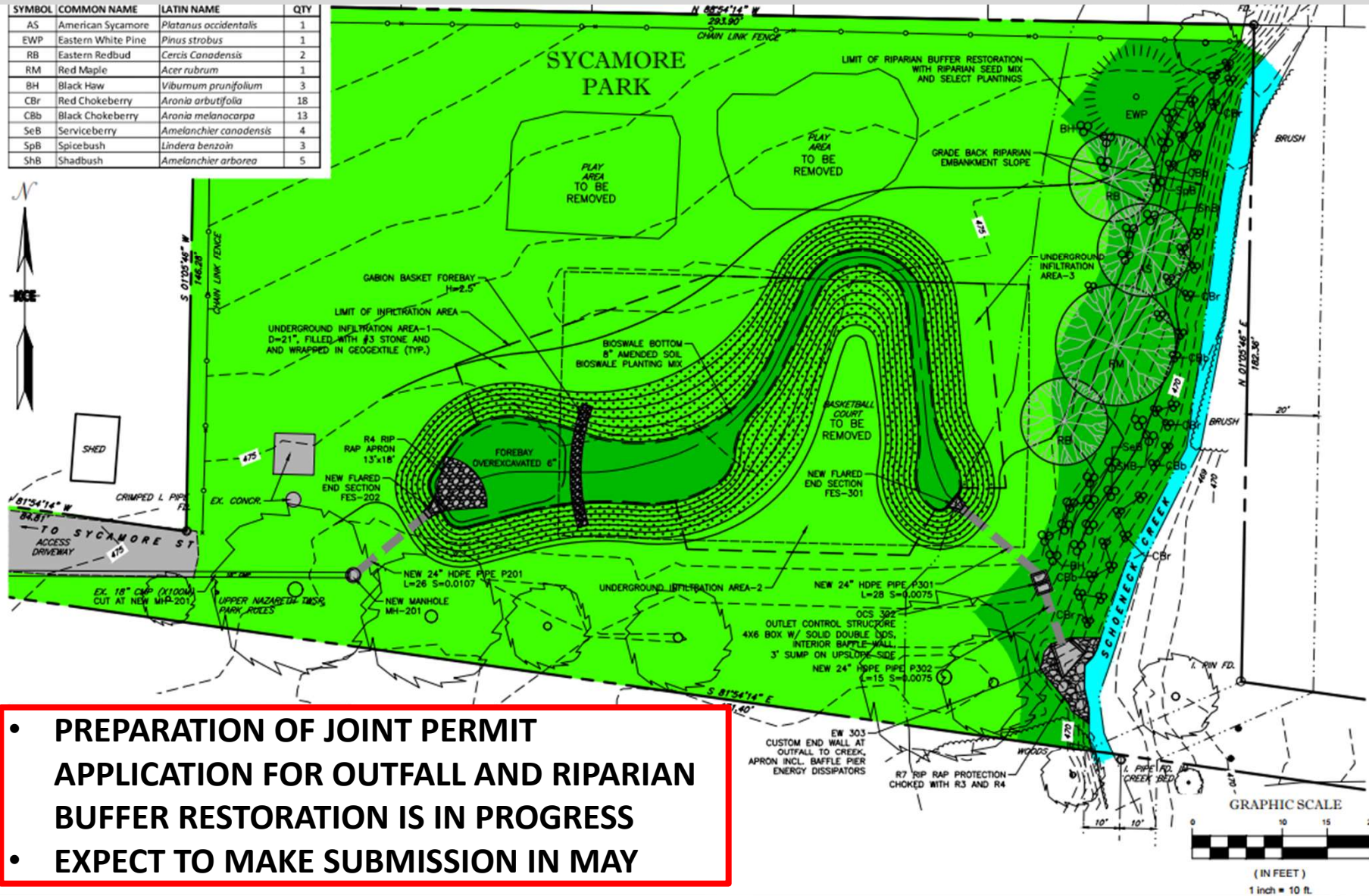
4/19/2023 Board of Supervisors MS4 Workshop Discussion

FARMVIEW EXTENDED DETENTION BASIN RETROFIT-2



4/19/2023 Board of Supervisors MS4 Workshop Discussion

| SYMBOL | COMMON NAME | LATIN NAME | QTY |
|--------|--------------------|-------------------------------|-----|
| AS | American Sycamore | <i>Platanus occidentalis</i> | 1 |
| EW | Eastern White Pine | <i>Pinus strobus</i> | 1 |
| RB | Eastern Redbud | <i>Cercis canadensis</i> | 2 |
| RM | Red Maple | <i>Acer rubrum</i> | 1 |
| BH | Black Haw | <i>Viburnum prunifolium</i> | 3 |
| CBR | Red Chokeberry | <i>Aronia arbutifolia</i> | 18 |
| CBb | Black Chokeberry | <i>Aronia melanocarpa</i> | 13 |
| SeB | Serviceberry | <i>Amelanchier canadensis</i> | 4 |
| SpB | Spicebush | <i>Lindera benzoin</i> | 3 |
| ShB | Shadbush | <i>Amelanchier arborea</i> | 5 |



- **PREPARATION OF JOINT PERMIT APPLICATION FOR OUTFALL AND RIPARIAN BUFFER RESTORATION IS IN PROGRESS**
- **EXPECT TO MAKE SUBMISSION IN MAY**

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| | |
|--------------|------------|
| DESIGNED BY: | KCE |
| CHECKED BY: | WVH |
| DRAWN BY: | SJO |
| DATE: | 12/12/2002 |
| CHANGED BY: | SCM |
| SCALE: | 1/8" |
| JOB NUMBER: | UN-27-4006 |
| SHEET: | 1 OF 1 |

UPPER NAZARETH TOWNSHIP MS4 PROGRAM

4/19/2023 Board of Supervisors MS4 Workshop Discussion

FIELDVIEW & TEWKSBURY EXTENDED DETENTION BASIN RETROFITS-1



FIELDVIEW & TEWKSBURY EXTENDED DETENTION BASIN RETROFITS-2

1. Survey & Preliminary Design complete at both basins.
2. Both basins need major maintenance to remove accumulated sediment and vegetation. Public Works Dept. has begun with vegetation clearing and is in process of assessing in-house capacity to remove sediment and relieve holding water. Muddy bottom conditions make the work a challenge with existing Public Works equipment.
3. Expect to complete detailed design and construction drawings in 2023 pending resolution of maintenance work plan and proposed construction schedule.

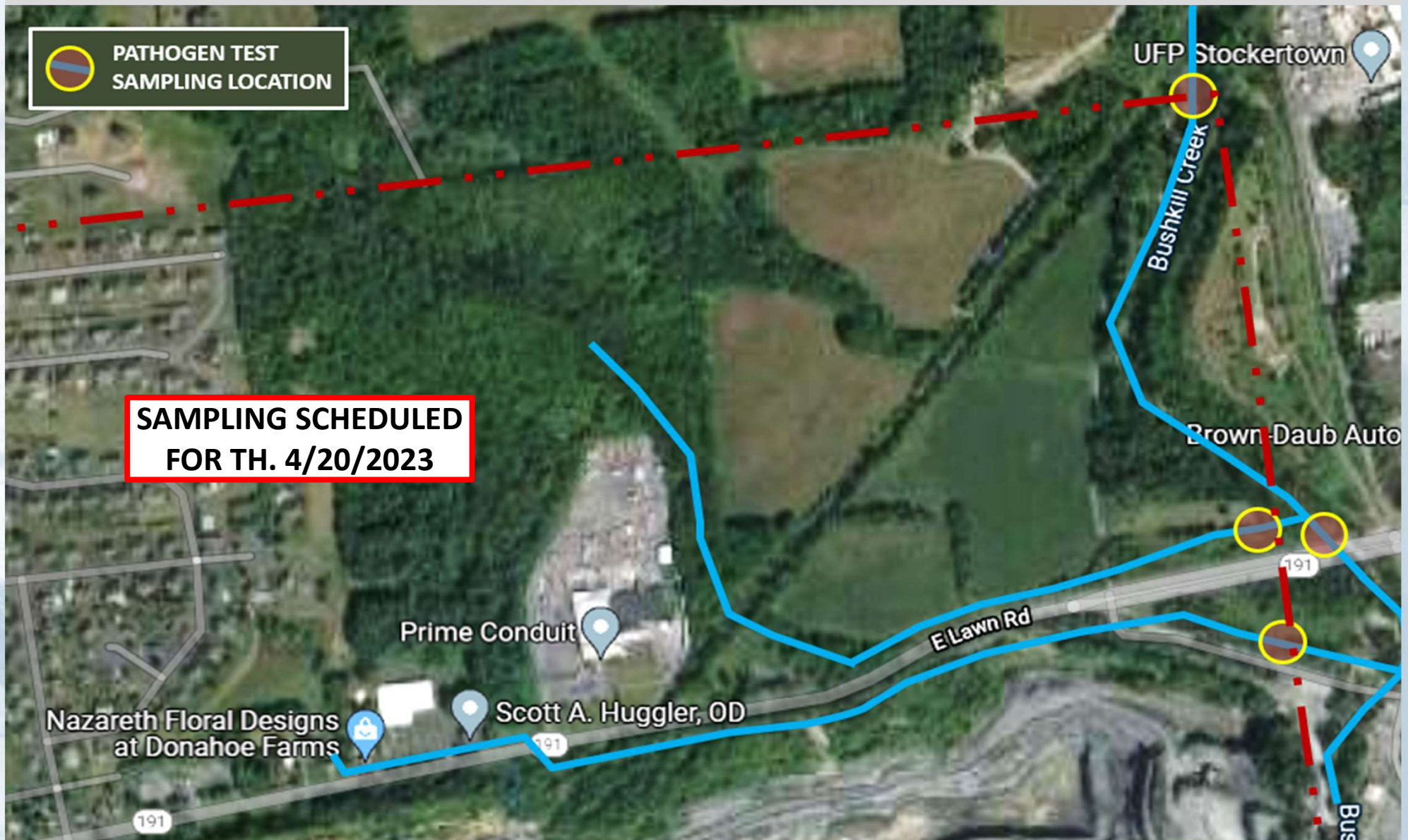
FIELDVIEW & TEWKSBURY EXTENDED DETENTION BASIN RETROFITS-3

4. Will need to make decision on whether work in either basin will be done in-house – need to give Public Works time to assess in-house capacity based on outcome of needed maintenance work.
5. Ideally, we would:
 - a) complete one project between now and end of 1st quarter of 2024.
 - b) complete Sycamore Park in 2024 (likely contracted)
 - c) complete last project in 2024 or, maximally, we have until end of Summer 2025 to finish PRP projects.

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PATHOGEN TESTING



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- STORMWATER ORDINANCE UPDATE

STORMWATER ORDINANCE UPDATE

1. Summary outline of recommended ordinance updates presented in KCE letter to BOS dated 4/14/2023.
2. At 4/19/2023 Regular Meeting of BOS, will be requesting authorization to proceed on one of two options presented in KCE letter to BOS dated 4/14/2023.

(cross-ref. KCE Letter of 4/14/2023 w/ Attm.)