Attachment B-1. Tredyffrin Township PRP Index Map (Poster)

A 1 A 2 A 3
B 1 B 2 B 3 B 4 B 5 B 6
C 1 C 2 C 3 C 4 C 5 C 6
D 2 D 3 D 4 D 5 D 6
E 2 E 3 E 4 E 5 E 6
F 6 F 7 F 8 F 9

Tredyffrin Township, PA

MS4 PRP Plan

Pollutant Reduction Plan Overview Map

October 2020

Legend

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- SW Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft

Chester Co. Streams / 2014 Listed Status

- Losing Stream, Impaired
- Surface Waterway, Impaired
- Buried Waterway, Impaired
- Surface Waterway, Not Impaired
- Buried Waterway, Not Impaired
- Surface Water Features
- 400-Ft Index Grid
- Municipal Boundary
- Urbanized Area Boundary
- Township ROW
- Non-Township ROW

PRP Watershed

- Crum Creek
- Little Darby Creek - Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

1 inch = 1,000 feet

0 1,000 2,000 4,000 6,000 8,000

Feet

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Attachment B-2. Tredyffrin Township PRP Detail Maps at 1” = 400’ scale (11x17)

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: A1

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: A2

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: A3

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: B1

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

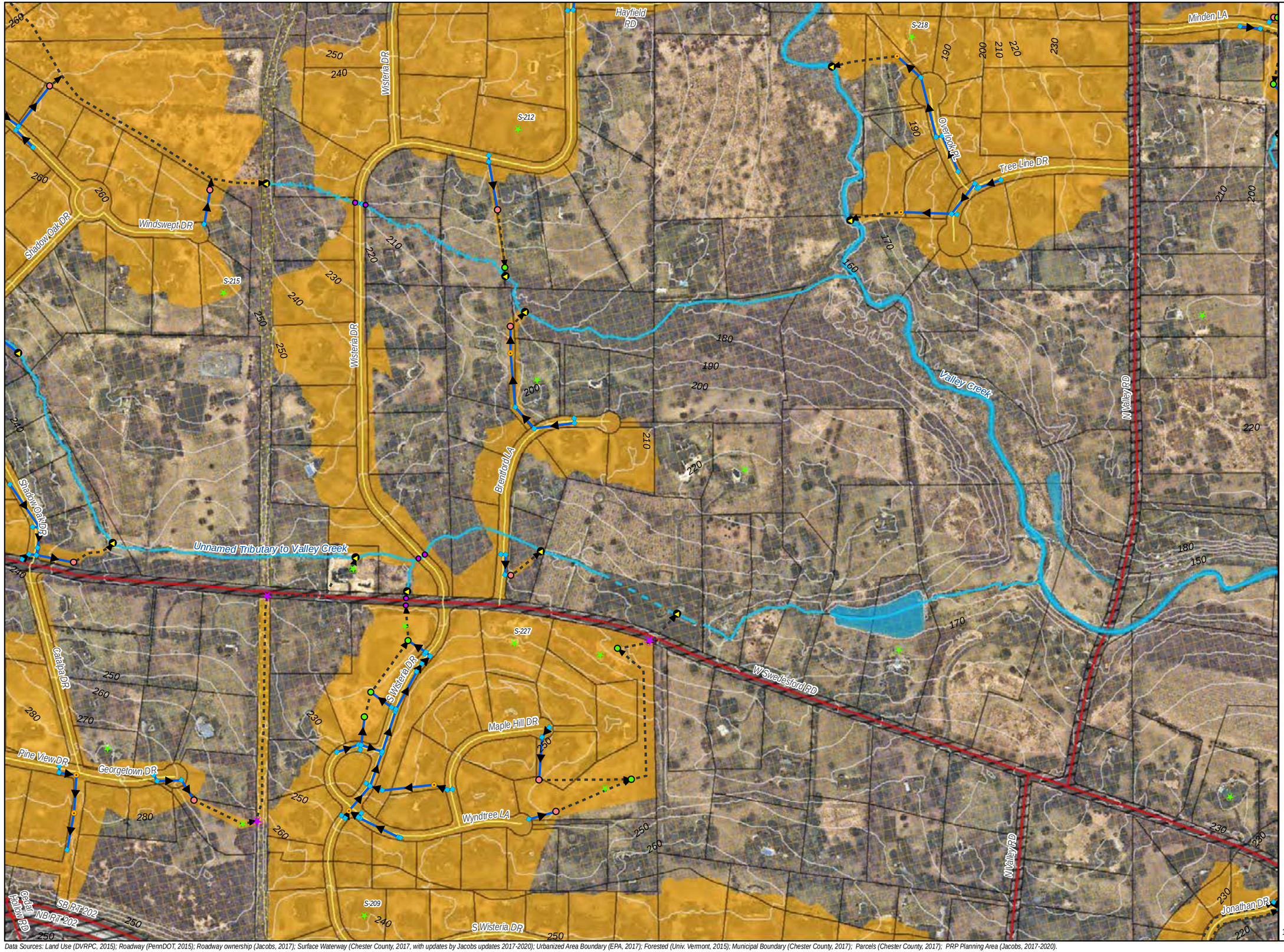
- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020



Tredyffrin Township, PA

MS4 PRP Plan

PRP Drainage Area Mapping

SHEET: B2

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0

Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: B3

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: B4

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: B5

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: B6

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: C1

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: C2

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: C3

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: C4

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: C5

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: C6

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: D2

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: D3

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: D4

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: D5

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: D6

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

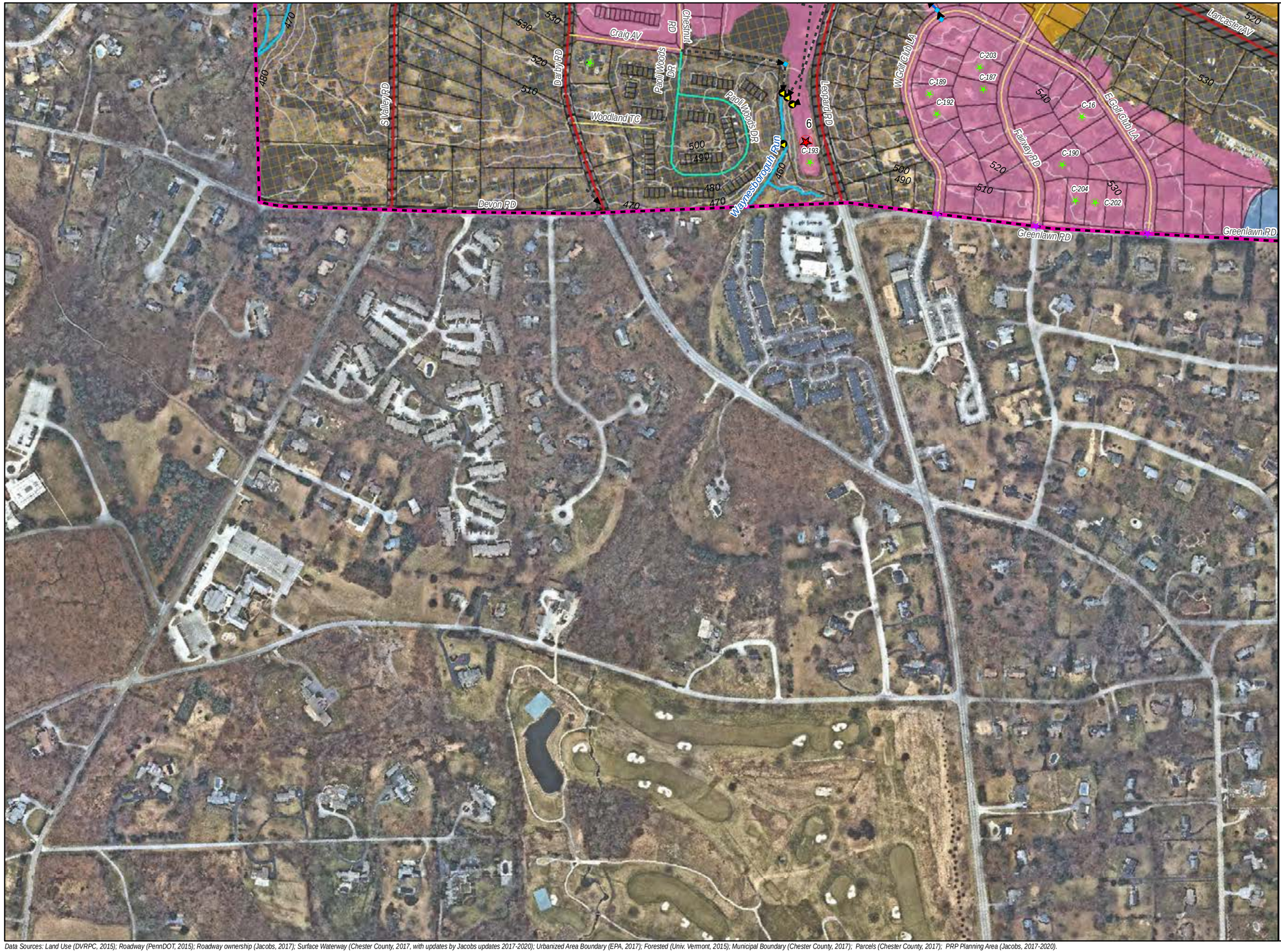
- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020



Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: E2

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: E3

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: E4

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: E5

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: E6

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: F6

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: F7

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: F8

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

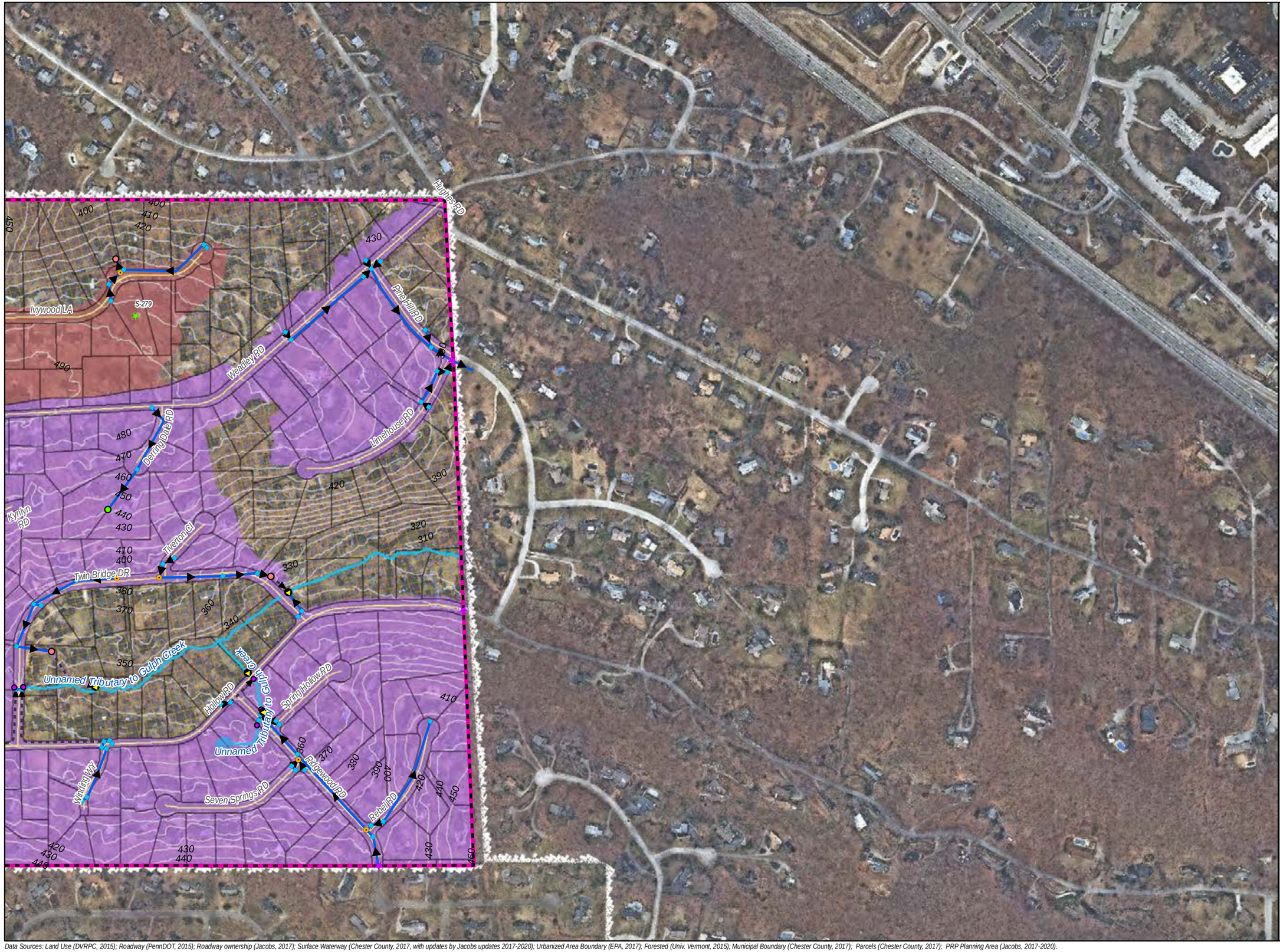
- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020



Tredyffrin Township, PA
MS4 PRP Plan

PRP Drainage Area Mapping
SHEET: F9

- Existing BMPs
- Proposed BMPs
- Observation Point
- Outfall
- Endwall
- Stormwater Structure
- Culvert
- Manhole
- Inlet
- Stormwater Pipes
- Connectivity Assumptions
- Contours 10-ft
- County Roadways
- Federal Interstate
- Turnpike
- State/PennDOT Roadways
- Private Roadways
- Tredyffrin Township Roads
- Surface Waterways
- Buried Waterways
- Losing Stream
- Suface Water Features
- Municipal Boundary
- Urbanized Area Boundary
- 2010 Impervious Area
- Parcels and ROW
- Township Property

PRP Watershed DAs

- Crum Creek
- Little Darby Creek
- Little Valley Creek - Valley Creek
- Trout Creek - Schuylkill River
- Gulph Creek - Schuylkill River

Parsed Drainage Areas

- PennDOT/PA Turnpike
- Runoff does not enter the MS4
- Within 300ft of stream wo MS4

400 200 0
Feet

1 inch = 400 feet on 11" x 17" page

Data Sources: Land Use (DVRPC, 2015); Roadway (PennDOT, 2015); Roadway ownership (Jacobs, 2017); Surface Waterway (Chester County, 2017, with updates by Jacobs updates 2017-2020); Urbanized Area Boundary (EPA, 2017); Forested (Univ. Vermont, 2015); Municipal Boundary (Chester County, 2017); Parcels (Chester County, 2017); PRP Planning Area (Jacobs, 2017-2020).

Map prepared October 2020

Attachment B-3. Land Use/Land Cover Map (Poster)

Tredyffrin Township, PA
MS4 PRP Plan

Pollutant Reduction Plan
Land Use / Land Cover in the Planning Area

October 2020

Roads by Owner
- County Roadways
- Federal Interstates
- Turnpike
- State/PennDOT
- Private Roadways
- Tredyffrin Township Roads

Chester Co. Streams / 2014 Listed Status
- Losing Stream, Impaired
- Surface Waterway, Impaired
- Buried Waterway, Impaired
- Surface Waterway, Not Impaired
- Buried Waterway, Not Impaired
- Surface Water Features
- Municipal Boundary

- Urbanized Area Boundary
- PRP Drainage Area Boundaries

Land Cover
- Building
- Other Impervious
- Road
- Forested

2015 Land Use Categories
- Utility/Parking
- Transportation
- Parking

N
W E
S

1 inch = 1,000 feet

0 1,000 2,000 4,000 6,000 8,000
Feet

Data Source: Land Use (DVRPC, 2015); Roadway ownership (Jacobs updates in 2017 based on PennDOT, 2015); Surface waters (Jacobs updates 2017-2020 based on Chester County, 2017); Urbanized Area Boundary (EPA, 2017), Municipal Boundary (Chester County, 2017), Parcels (Chester County, 2017), PRP Planning Area (Jacobs, 2017-2020), Forested (Univ Vermont, 2015).

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community