





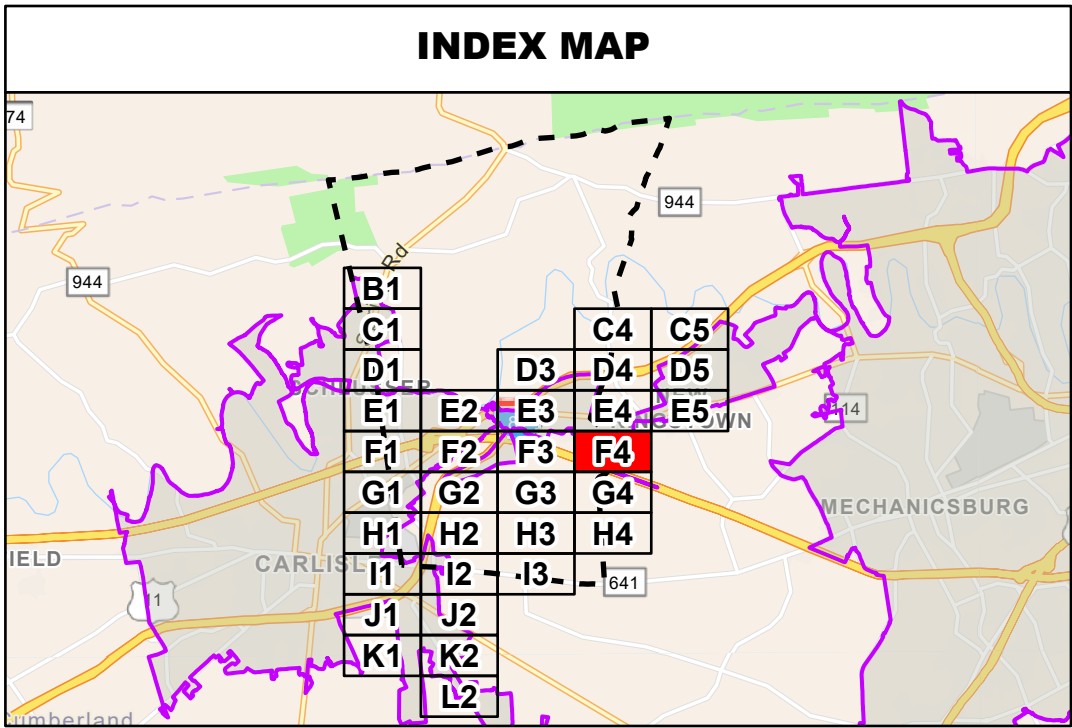
MIDDLESEX TOWNSHIP
350 N. Middlesex Road
Carlisle, PA 17013
717-249-4409



449 Eisenhower Blvd #300
Harrisburg, PA 17111
PH: (717) 232-0593
terracon.com

Municipality:	Middlesex, Silver Spring
Urbanized Area:	Harrisburg, PA
HUC Name:	LETORT SPRING RUN, HOGESTOWN RUN
HUC Code:	20503050404, 20503050405
Date:	1/18/2023
Prepared By:	DTM
Coordinate System:	NAD 1983 StatePlane Pennsylvania South FIPS 3702 Feet

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LEGEND

Planning Area/Regulated MS4

Middlesex Governance Boundary

2010 Urbanized Area

2010 Non-Urbanized Area

Sewershed Attaining

Sewershed Non-Attaining

Parcels

Existing BMP

Flow Direction

Discharge Point

Inlet

Intake

Manhole

Observation Point

Outfall, Attaining

Outfall, Non-Attaining

Stream Attaining

Stream Non-Attaining

PRP Vegetated Swale

PRP Bioretention/Raingarden

PRP Drainage Area

PRP Stream Restoration

Pipe

Rain Trace

Stream Culvert

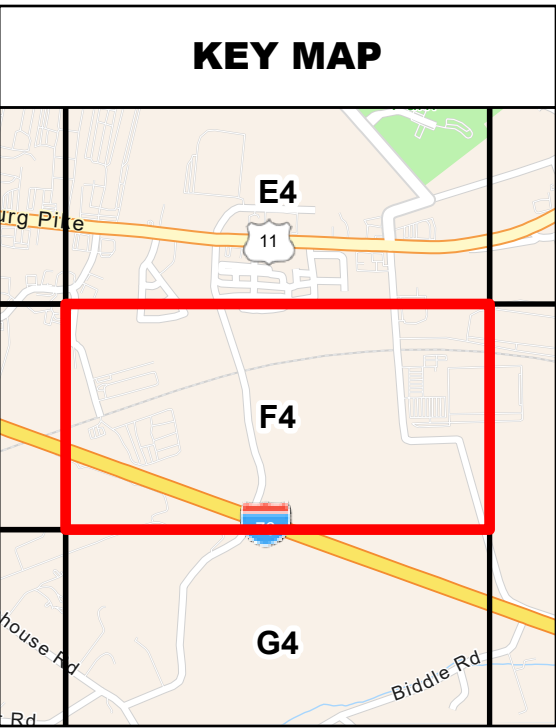
Swale

10' Contours

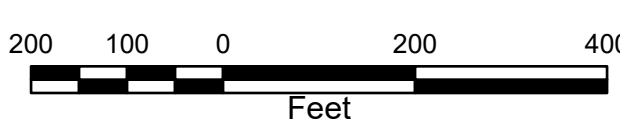
10' Depression Contour

2' Contours

2' Depression Contour



MS4 MAP #F4
Chesapeake Bay Basin
Middlesex Township
2010 Urbanized Area



200 100 0 200 400
Feet



N
W
E
S

Scale: 1" = 200'

Project No. JN217052

Plan Set # 1 of 2

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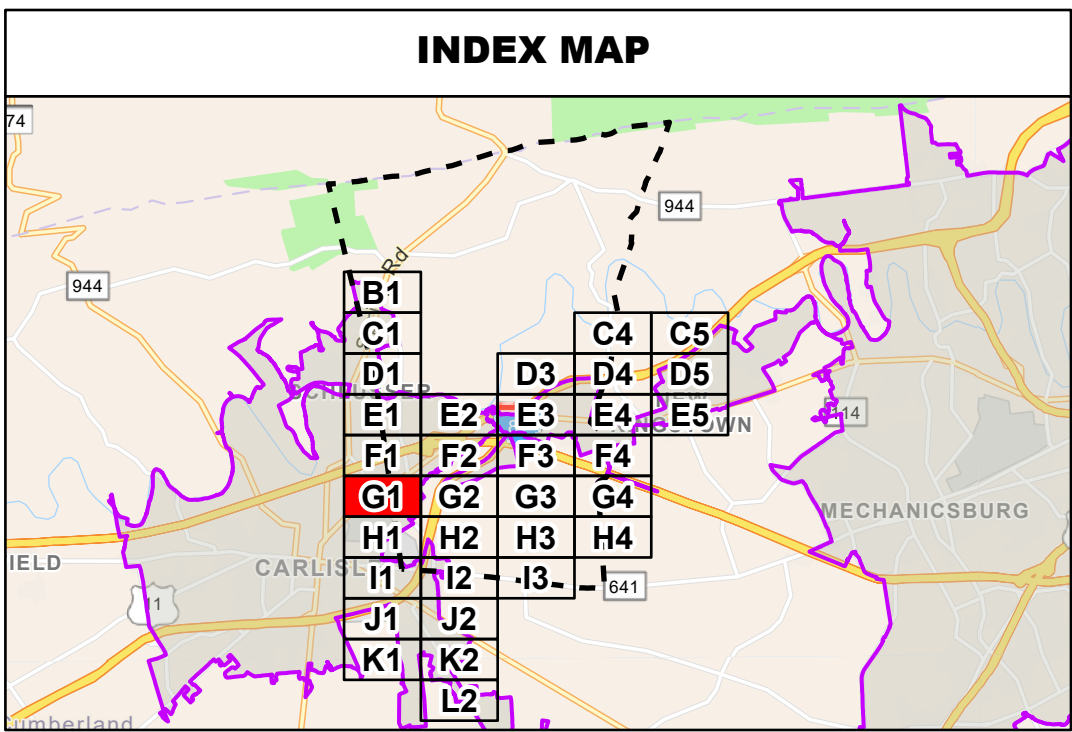
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PH: (717) 232-0593
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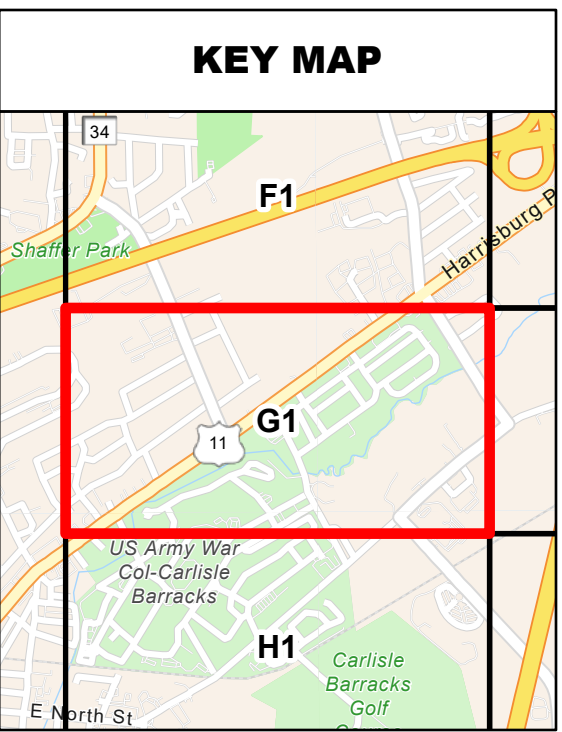
Municipality:	Carlisle, Middlesex, North Middleton
Urbanized Area:	Harrisburg, PA
HUC Name:	WERTZ RUN-CONODOGUINET CREEK, LETORT SPRING RUN
HUC Code:	20503050403, 20503050404
Date:	1/18/2023
Prepared By:	DTM
Coordinate System:	NAD 1983 StatePlane Pennsylvania South FIPS 3702 Feet

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LEGEND

Planning Area/Regulated MS4	Existing BMP	Stream Attaining	Conveyances
Middlesex Governance Boundary	Flow Direction	Stream Non-Attaining	Pipe
2010 Urbanized Area	Structures	PRP Vegetated Swale	Rain Trace
2010 Non-Urbanized Area	Discharge Point	PRP Bioretention/Raingarden	Stream Culvert
Sewershed Attaining	Inlet	PRP Drainage Area	Swale
Sewershed Non-Attaining	Intake	PRP Stream Restoration	Elevation
Parcels	Manhole		10' Contours
	Observation Point		10' Depression Contour
	Outfall, Attaining		2' Contours
	Outfall, Non-Attaining		2' Depression Contour

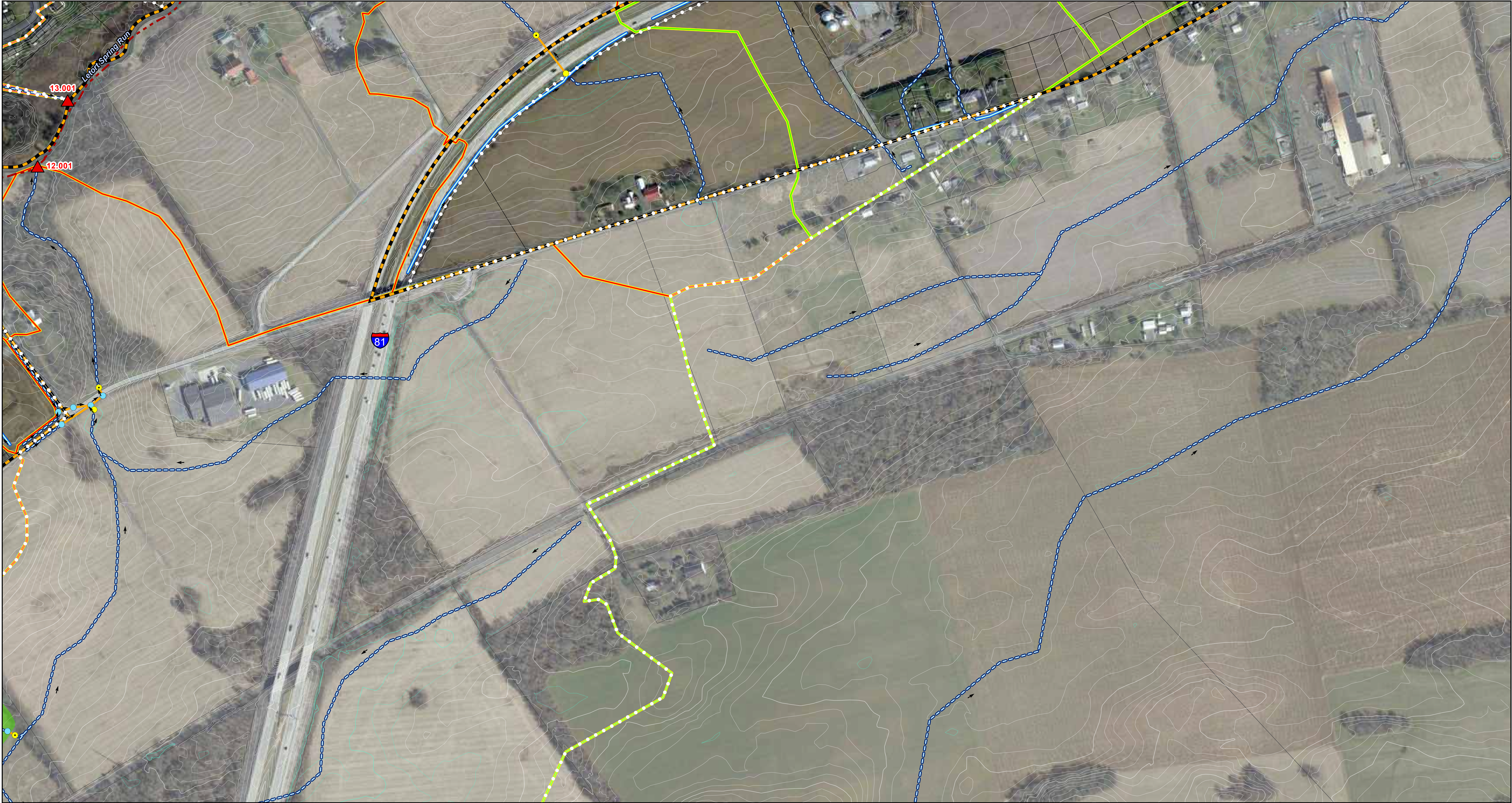


MS4 MAP #G1
Chesapeake Bay Basin
Middlesex Township
2010 Urbanized Area

200 100 0 200 400
Feet

Scale: 1" = 200'
Project No. JN217052

Plan Set # 1 of 2





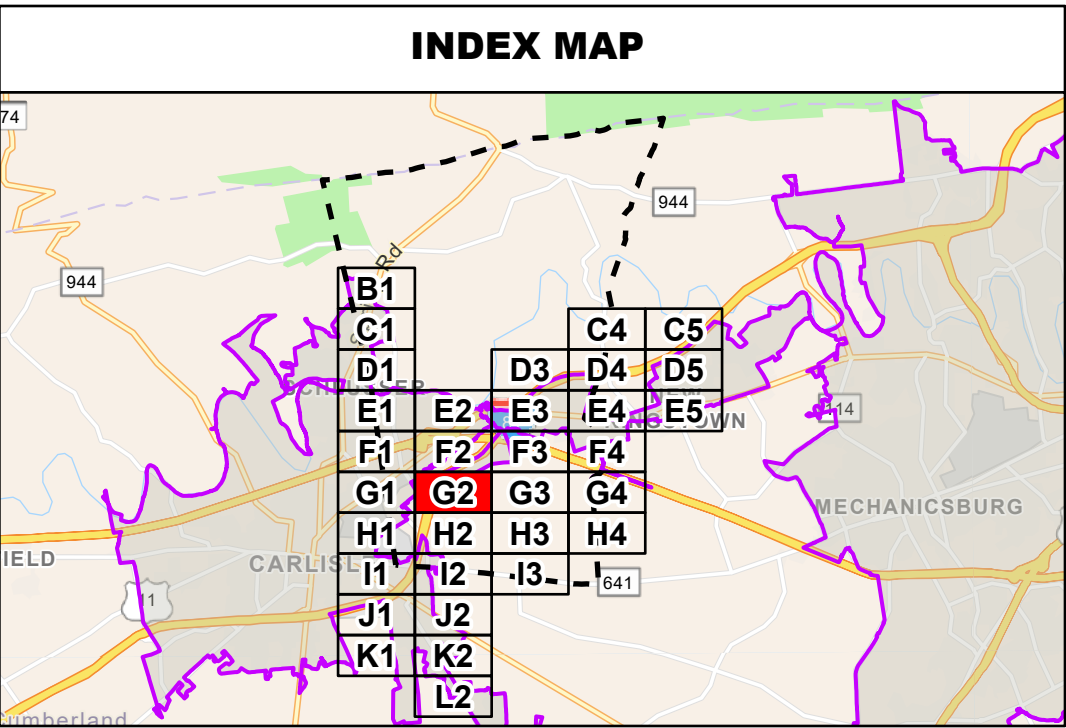
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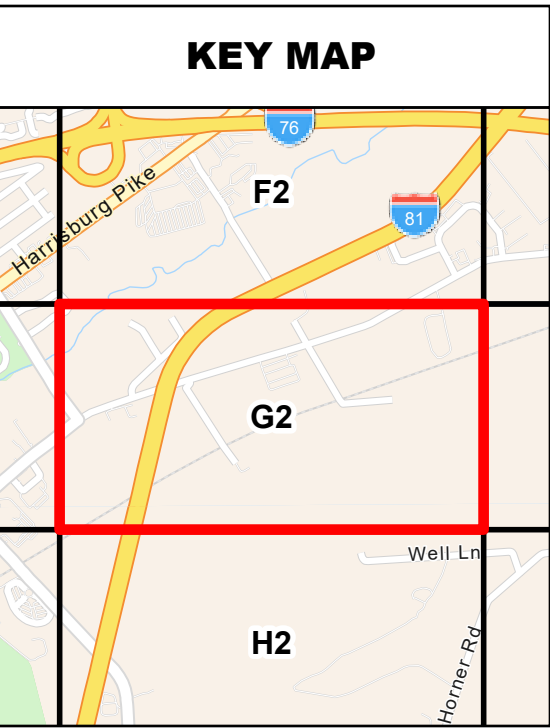
Municipality:	Middlesex
Urbanized Area:	Harrisburg, PA
HUC Name:	LETORT SPRING RUN
HUC Code:	20503050404
Date:	1/18/2023
Prepared By:	DTM
Coordinate System:	NAD 1983 StatePlane Pennsylvania South FIPS 3702 Feet

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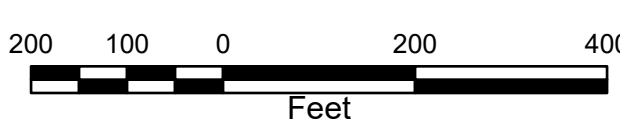


LEGEND

Planning Area/Regulated MS4	Existing BMP	Stream Attaining	Conveyances
Middlesex Governance Boundary	Flow Direction	Stream Non-Attaining	Pipe
2010 Urbanized Area	Structures	PRP Vegetated Swale	Rain Trace
2010 Non-Urbanized Area	Discharge Point	PRP Bioretention/Raingarden	Stream Culvert
Sewershed Attaining	Inlet	PRP Drainage Area	Swale
Sewershed Non-Attaining	Intake	PRP Stream Restoration	Elevation
Parcels	Manhole		10' Contours
	Observation Point		10' Depression Contour
	Outfall, Attaining		2' Contours
	Outfall, Non-Attaining		2' Depression Contour



MS4 MAP #G2
Chesapeake Bay Basin
Middlesex Township
2010 Urbanized Area



200 100 0 200 400
Feet

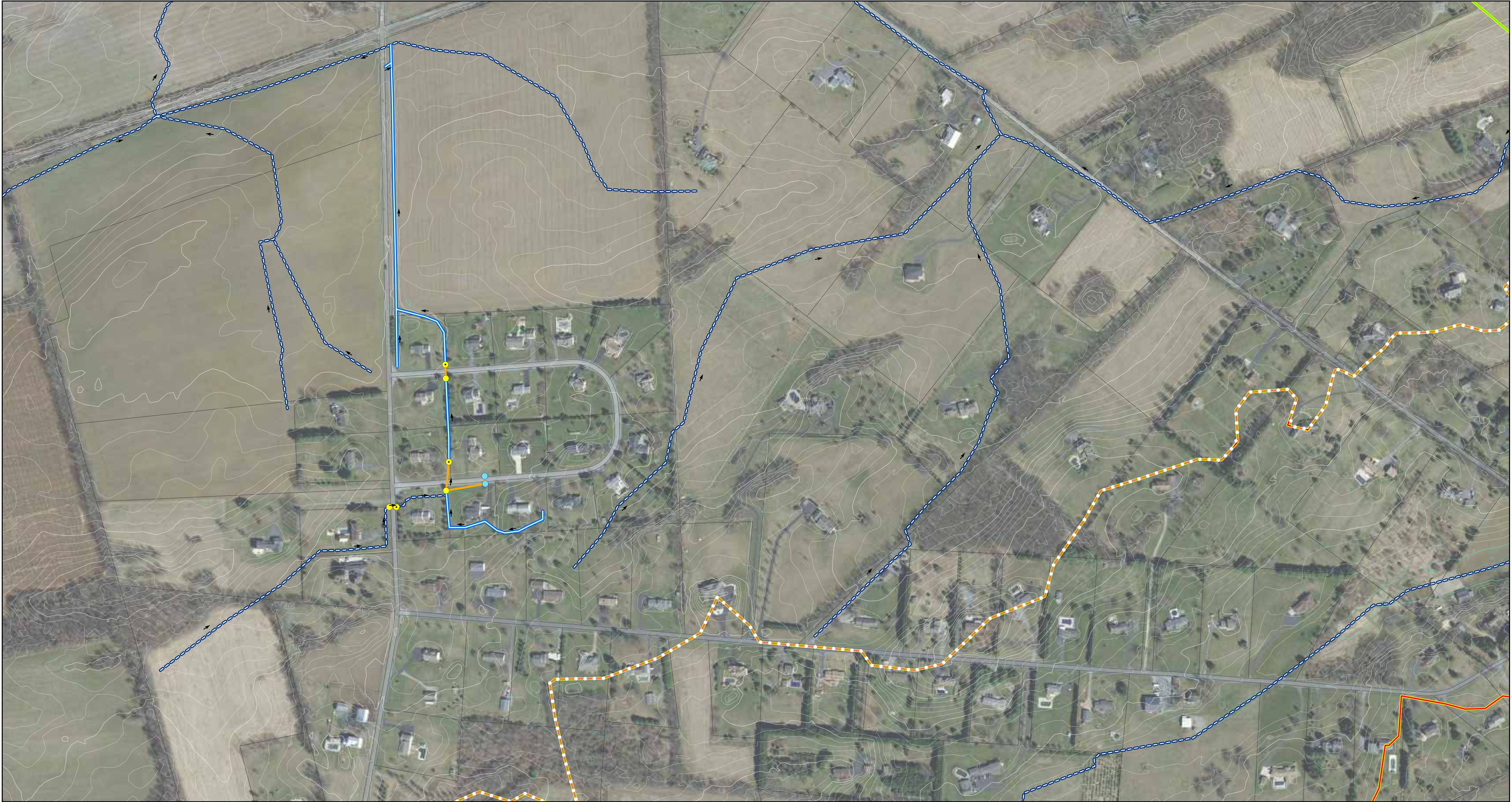


N
W
E
S

Scale: 1" = 200'

Project No. JN217052

Plan Set # 1 of 2





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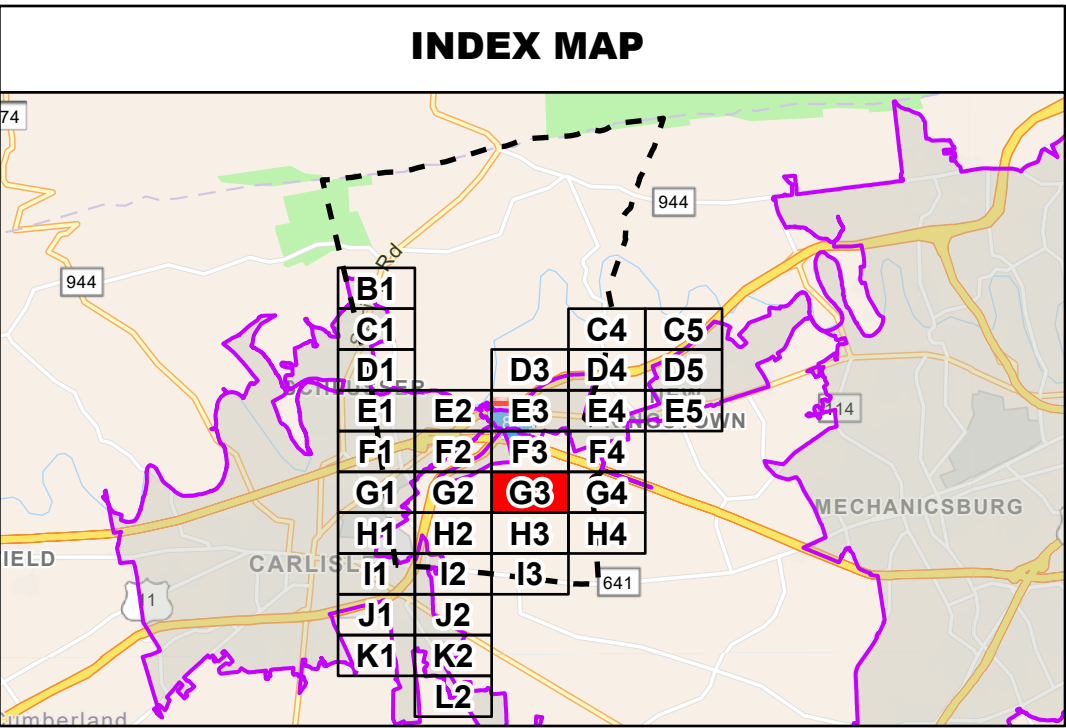


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Municipality:	Middlesex
Urbanized Area:	Harrisburg, PA
HUC Name:	LETORT SPRING RUN, HOGESTOWN RUN
HUC Code:	20503050404, 20503050405
Date:	1/18/2023
Prepared By:	DTM
Coordinate System:	NAD 1983 StatePlane Pennsylvania South FIPS 3702 Feet

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LEGEND

Planning Area/Regulated MS4

Middlesex Governance Boundary

2010 Urbanized Area

2010 Non-Urbanized Area

Sewershed Attaining

Sewershed Non-Attaining

Parcels

Existing BMP

Flow Direction

Discharge Point

Inlet

Intake

Manhole

Observation Point

Outfall, Attaining

Outfall, Non-Attaining

Stream Attaining

Stream Non-Attaining

PRP Vegetated Swale

PRP Bioretention/
Raingarden

PRP Drainage Area

PRP Stream Restoration

Conveyances

Pipe

Rain Trace

Stream Culvert

Swale

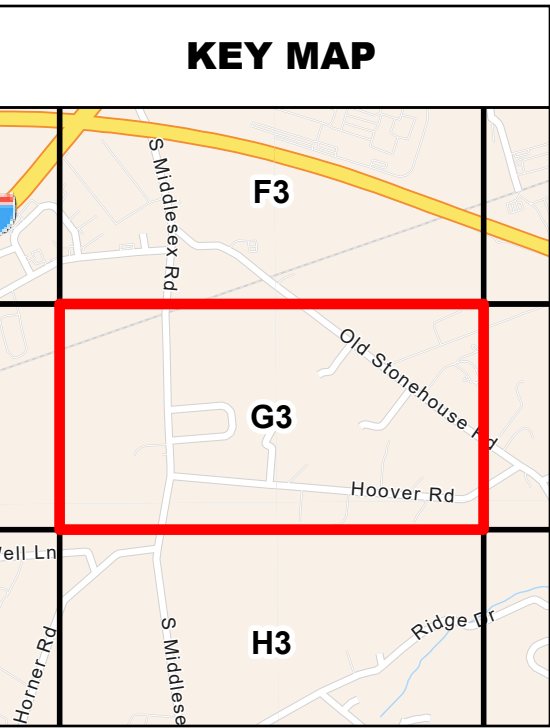
Elevation

10' Contours

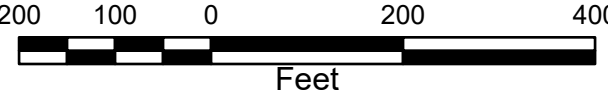
10' Depression Contour

2' Contours

2' Depression Contour



MS4 MAP #G3
Chesapeake Bay Basin
Middlesex Township
2010 Urbanized Area



Scale: 1" = 200'

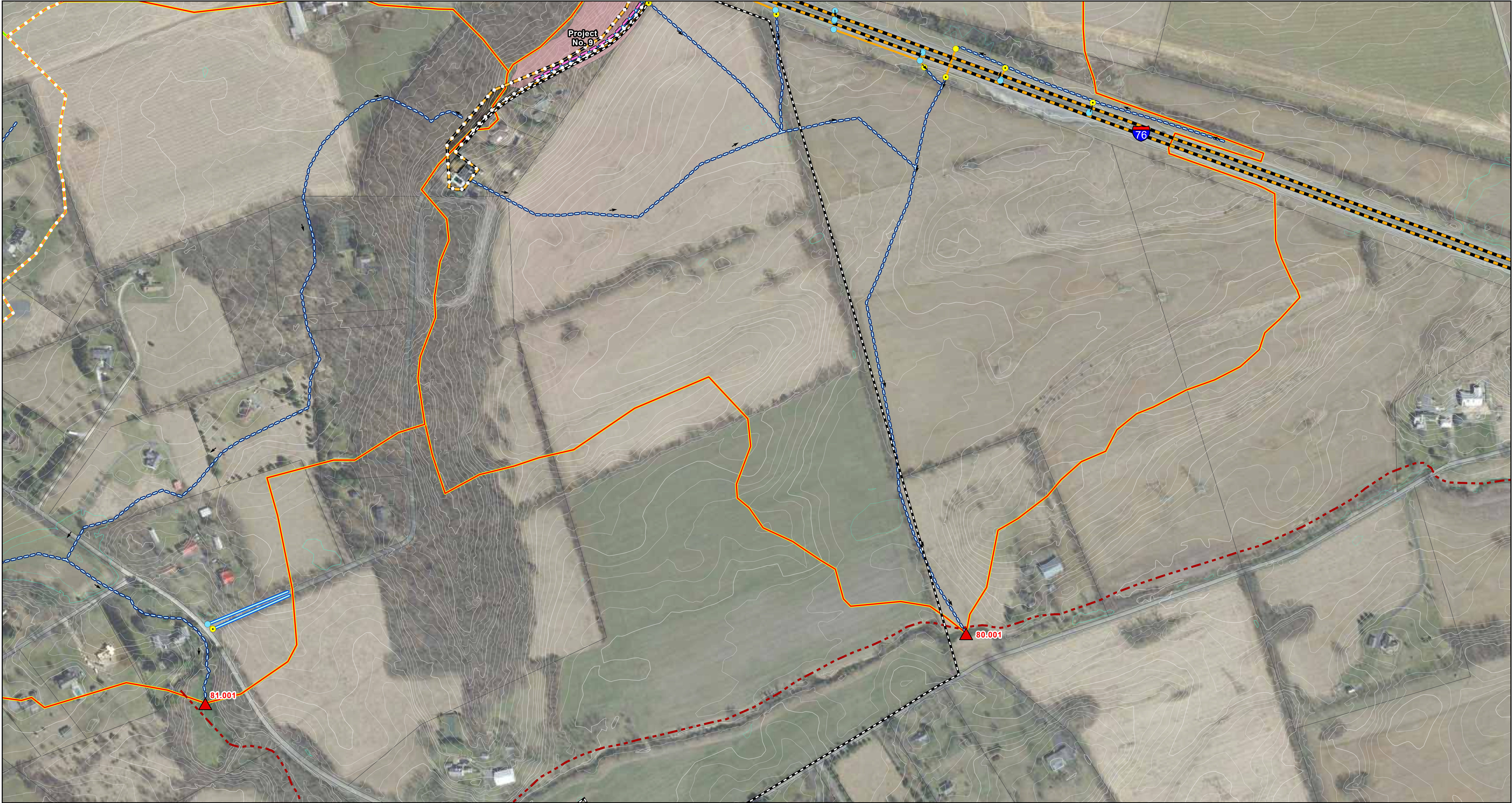
Project No. JN217052

Plan Set # 1 of 2



North arrow pointing North.

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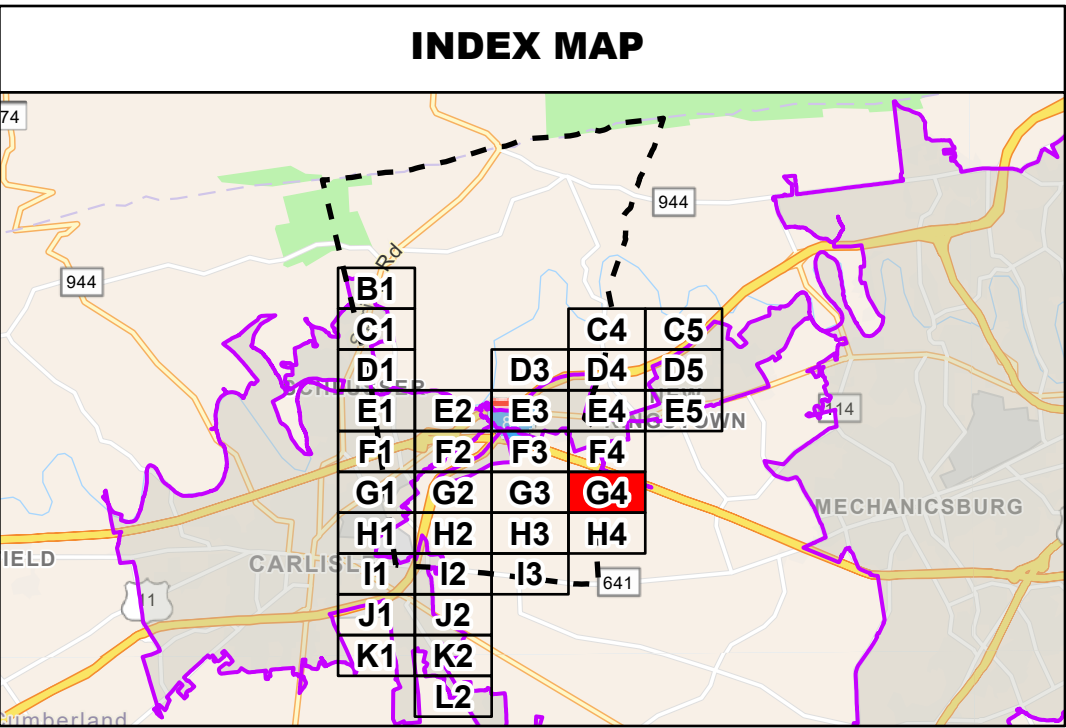
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Harrisburg, PA 17111
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Municipality:	Middlesex, Silver Spring
Urbanized Area:	Harrisburg, PA
HUC Name:	LETORT SPRING RUN, HOGESTOWN RUN
HUC Code:	20503050404, 20503050405
Date:	1/18/2023
Prepared By:	DTM
Coordinate System:	NAD 1983 StatePlane Pennsylvania South FIPS 3702 Feet

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Planning Area/Regulated MS4

Middlesex Governance Boundary

2010 Urbanized Area

2010 Non-Urbanized Area

Sewershed Attaining

Sewershed Non-Attaining

Parcels

Existing BMP

Flow Direction

Discharge Point

Inlet

Intake

Manhole

Observation Point

Outfall, Attaining

Outfall, Non-Attaining

Stream Attaining

Stream Non-Attaining

PRP Vegetated Swale

PRP Bioretention/ Raingarden

PRP Drainage Area

PRP Stream Restoration

Pipe

Rain Trace

Stream Culvert

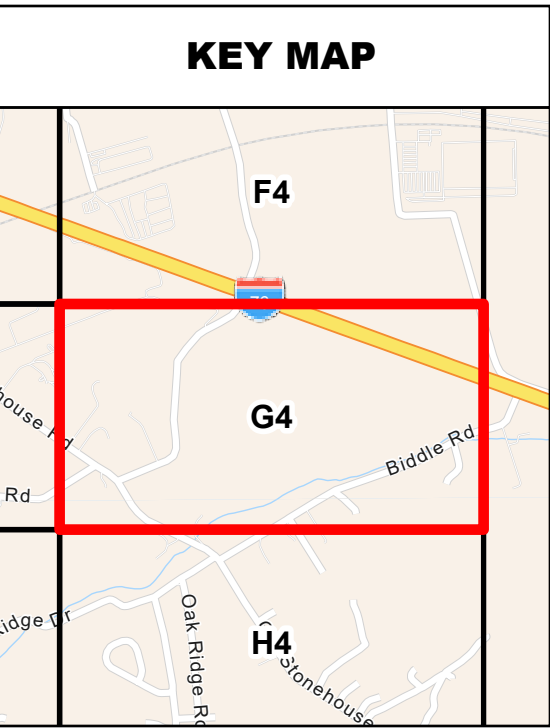
Swale

10' Contours

10' Depression Contour

2' Contours

2' Depression Contour



MS4 MAP #G4
Chesapeake Bay Basin
Middlesex Township
2010 Urbanized Area



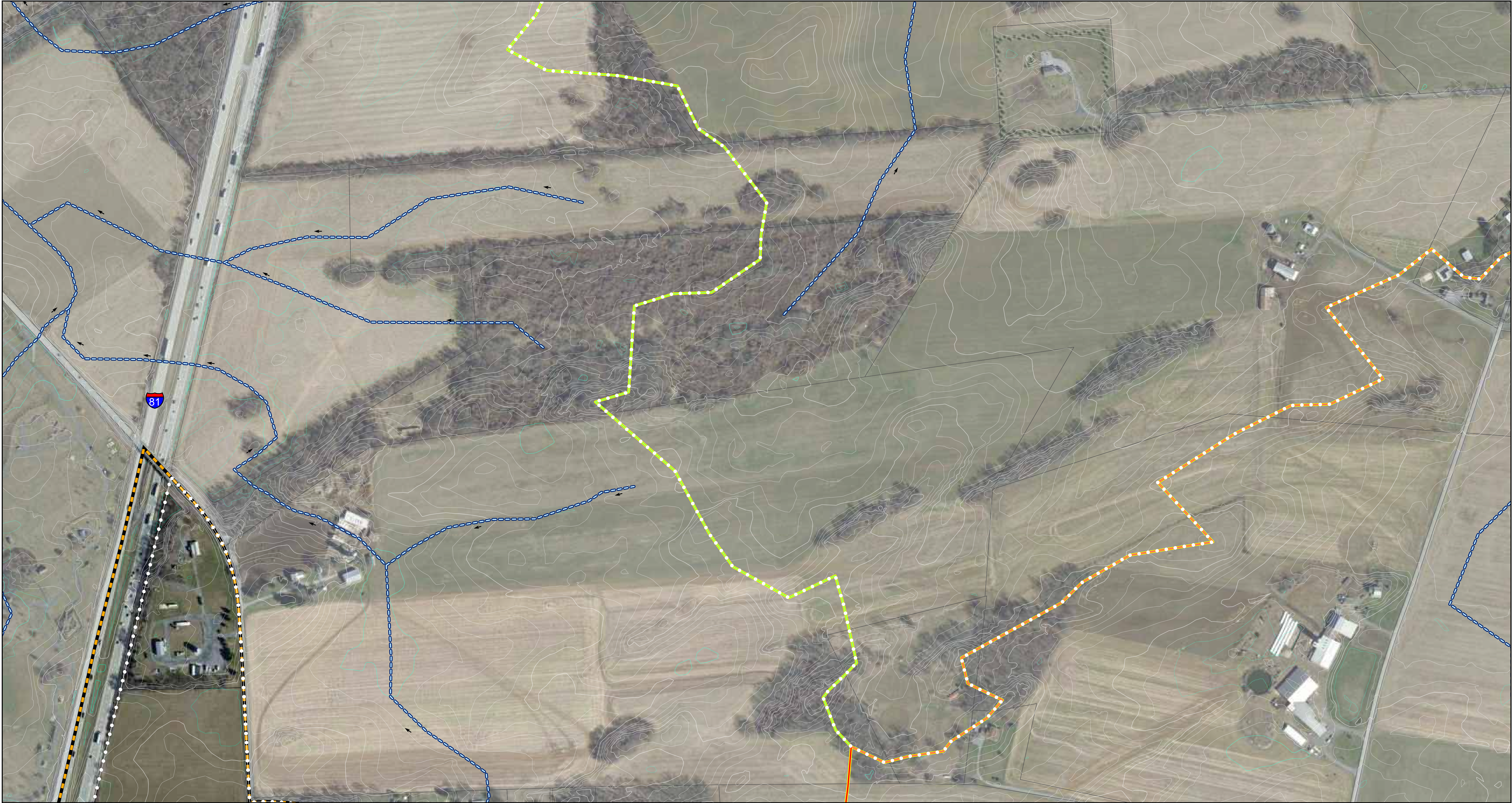
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Feet

Scale: 1" = 200'

Project No. JN217052

Plan Set # 1 of 2

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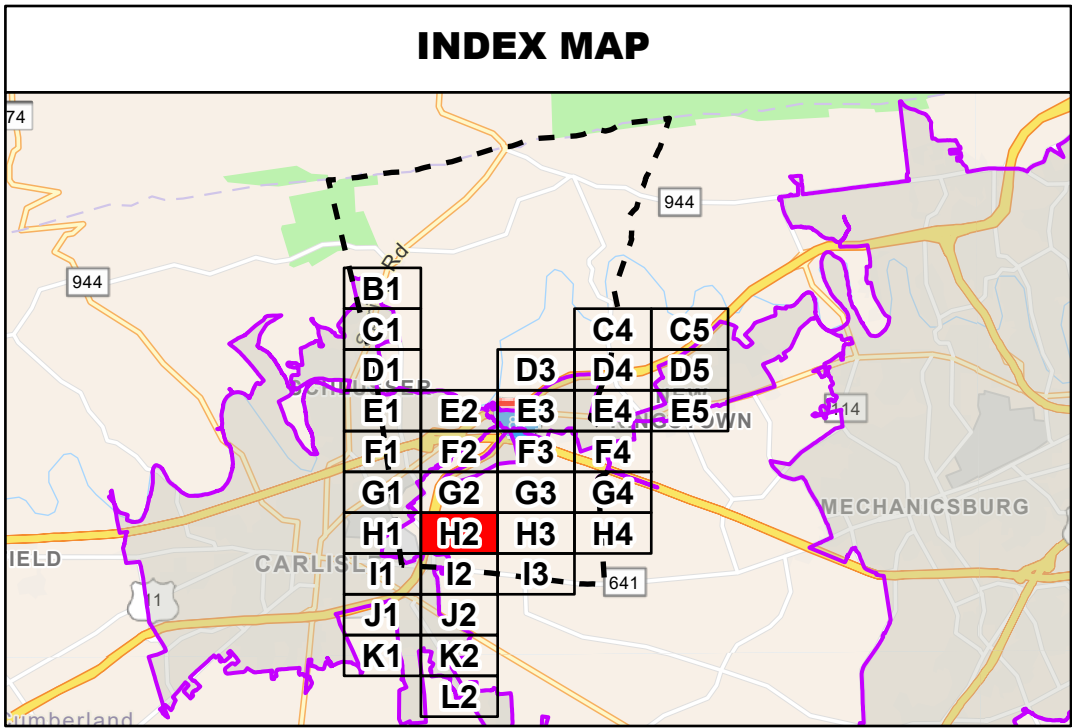
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Harrisburg, PA 17111
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Municipality:	Middlesex
Urbanized Area:	Harrisburg, PA
HUC Name:	LETORT SPRING RUN, HOGESTOWN RUN
HUC Code:	20503050404, 20503050405
Date:	1/18/2023
Prepared By:	DTM
Coordinate System:	NAD 1983 StatePlane Pennsylvania South FIPS 3702 Feet

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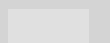


LEGEND

 Planning Area/Regulated MS4

 Middlesex Governance Boundary

 2010 Urbanized Area

 2010 Non-Urbanized Area

 Sewershed Attaining

 Sewershed Non-Attaining

 Parcels

 Existing BMP

 Flow Direction

 Discharge Point

 Inlet

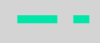
 Intake

 Manhole

 Observation Point

 Outfall, Attaining

 Outfall, Non-Attaining

 Stream Attaining

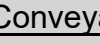
 Stream Non-Attaining

 PRP Vegetated Swale

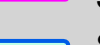
 PRP Bioretention/Raingarden

 PRP Drainage Area

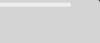
 PRP Stream Restoration

 Pipe

 Rain Trace

 Stream Culvert

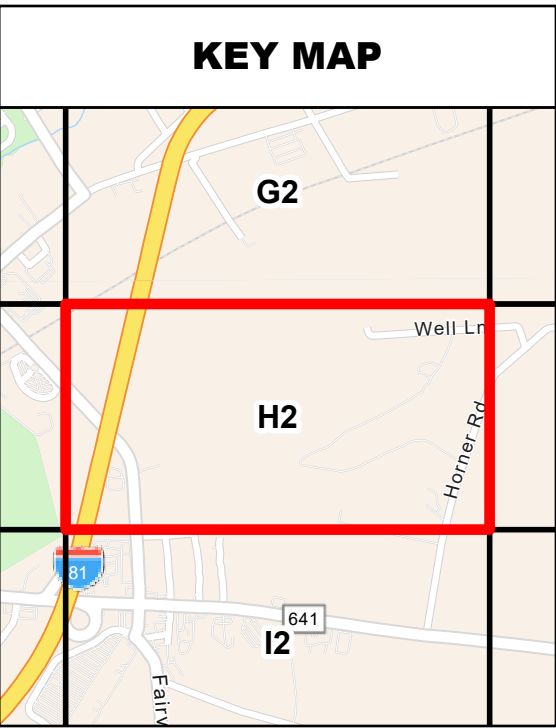
 Swale

 10' Contours

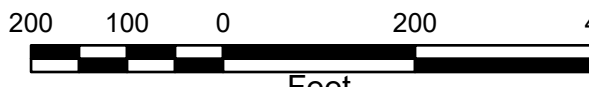
 10' Depression Contour

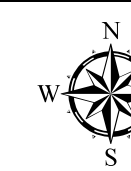
 2' Contours

 2' Depression Contour



MS4 MAP #H2
Chesapeake Bay Basin
Middlesex Township
2010 Urbanized Area

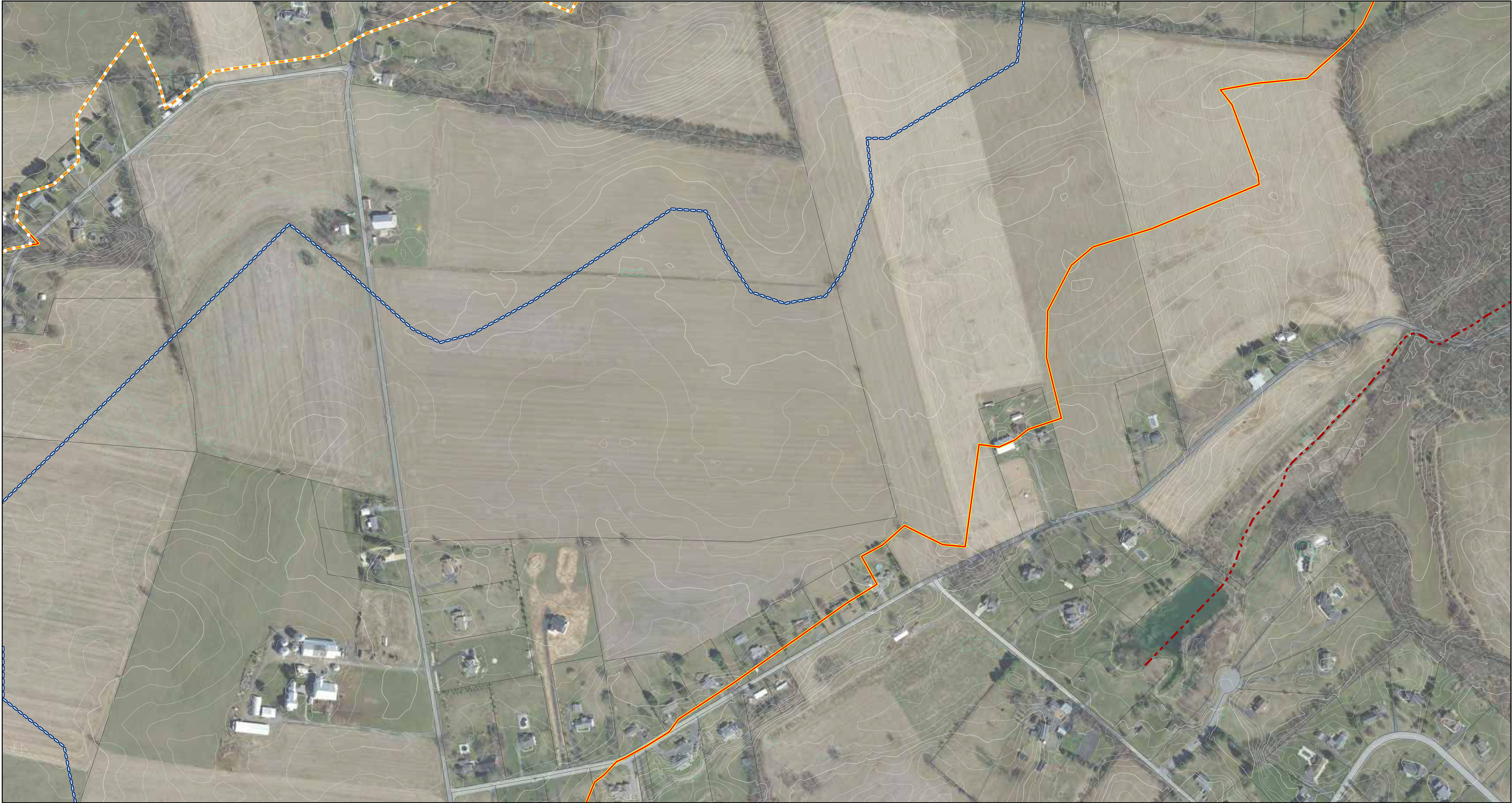

200 100 0 200 400
Feet



Scale: 1" = 200'

Project No. JN217052

Plan Set # 1 of 2





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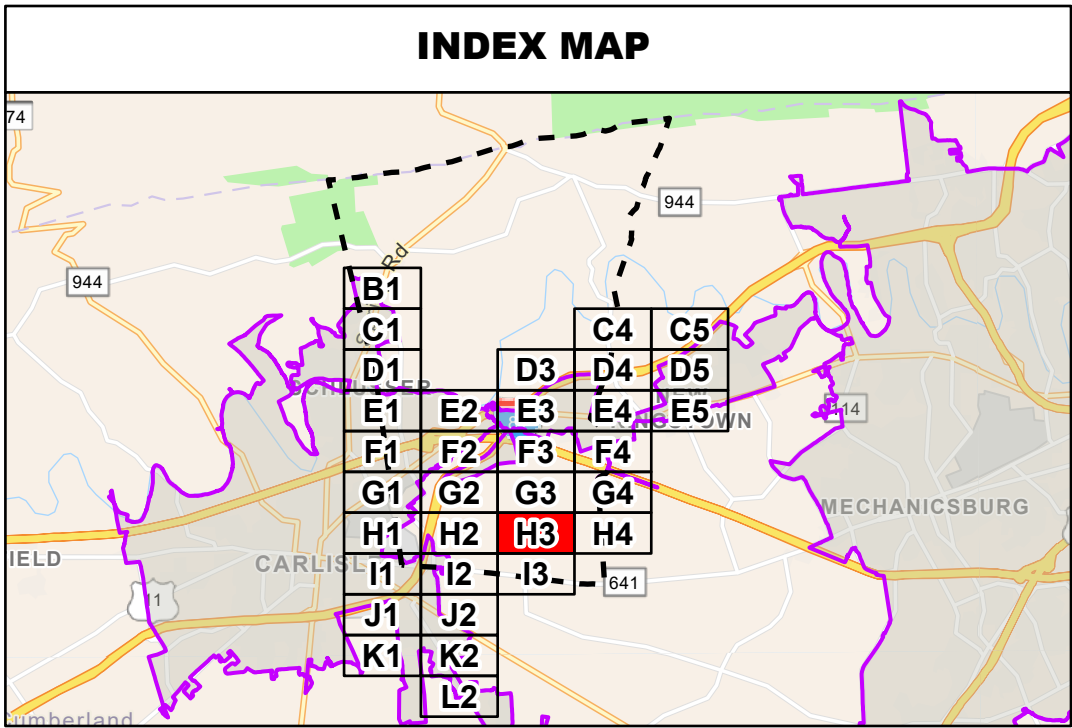


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PH: (717) 232-0593

Harrisburg, PA 17111
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Municipality:	Middlesex
Urbanized Area:	Harrisburg, PA
HUC Name:	LETORT SPRING RUN, HOGESTOWN RUN
HUC Code:	20503050404, 20503050405
Date:	1/18/2023
Prepared By:	DTM
Coordinate System:	NAD 1983 StatePlane Pennsylvania South FIPS 3702 Feet

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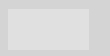
Planning Area/Regulated MS4



Middlesex Governance Boundary



2010 Urbanized Area



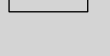
2010 Non-Urbanized Area



Sewershed Attaining



Sewershed Non-Attaining



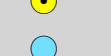
Parcels



Existing BMP



Flow Direction



Discharge Point



Inlet



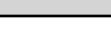
Intake



Manhole



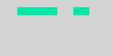
Observation Point



Outfall, Attaining



Outfall, Non-Attaining



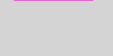
Stream Attaining



Stream Non-Attaining



PRP Vegetated Swale



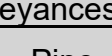
PRP Bioretention/
Raingarden



PRP Drainage Area



PRP Stream Restoration



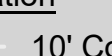
Pipe



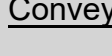
Rain Trace



Stream Culvert



Swale



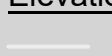
Conveyances



10' Contours



10' Depression Contour



2' Contours



2' Depression Contour

KEY MAP

MS4 MAP #H3
Chesapeake Bay Basin
Middlesex Township
2010 Urbanized Area

200

100

0

200

400

Feet



Scale: 1" = 200'

Project No. JN217052

Plan Set # 1 of 2

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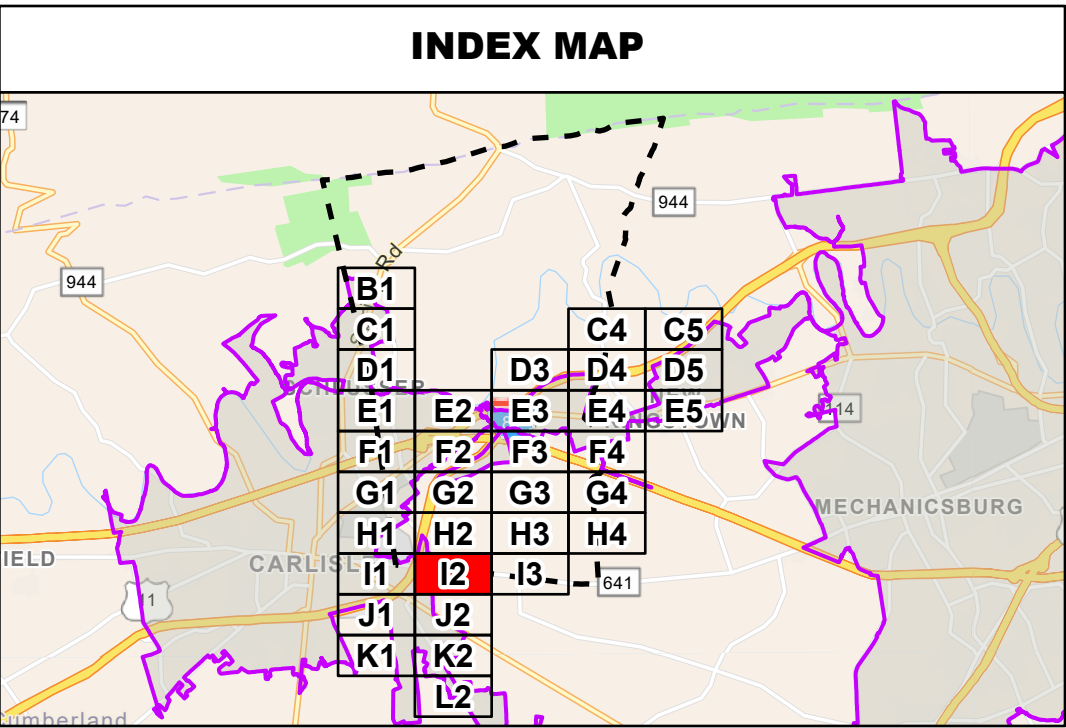
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Municipality:	Middlesex, South Middleton
Urbanized Area:	Harrisburg, PA
HUC Name:	LETORT SPRING RUN, HOGESTOWN RUN
HUC Code:	20503050404, 20503050405
Date:	1/18/2023
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Coordinate System:	NAD 1983 StatePlane Pennsylvania South FIPS 3702 Feet

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LEGEND

Planning Area/Regulated MS4

Middlesex Governance Boundary

2010 Urbanized Area

2010 Non-Urbanized Area

Sewershed Attaining

Sewershed Non-Attaining

Parcels

Existing BMP

Flow Direction

Discharge Point

Inlet

Intake

Manhole

Observation Point

Outfall, Attaining

Outfall, Non-Attaining

Stream Attaining

Stream Non-Attaining

PRP Vegetated Swale

PRP Bioretention/Raingarden

PRP Drainage Area

PRP Stream Restoration

Pipe

Rain Trace

Stream Culvert

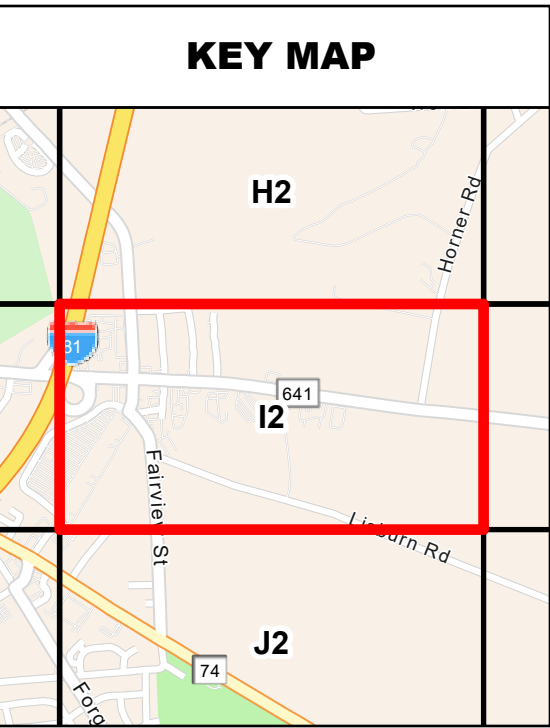
Swale

10' Contours

10' Depression Contour

2' Contours

2' Depression Contour



MS4 MAP #12
Chesapeake Bay Basin
Middlesex Township
2010 Urbanized Area

Scale: 1" = 200'

Project No. JN217052

Plan Set # 1 of 2



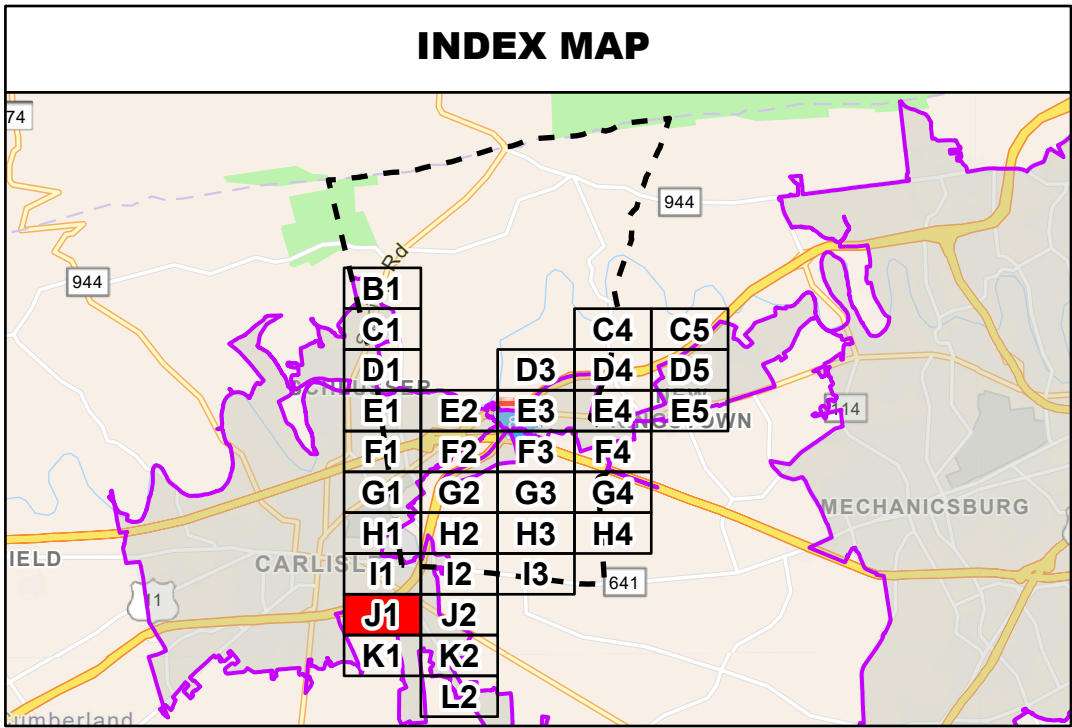


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LEGEND

Planning Area/Regulated MS4

Middlesex Governance Boundary

2010 Urbanized Area

2010 Non-Urbanized Area

Sewershed Attaining

Sewershed Non-Attaining

Parcels

Existing BMP

Flow Direction

Discharge Point

Inlet

Intake

Manhole

Observation Point

Outfall, Attaining

Outfall, Non-Attaining

Stream Attaining

Stream Non-Attaining

PRP Vegetated Swale

PRP Bioretention/Raingarden

PRP Drainage Area

PRP Stream Restoration

Pipe

Rain Trace

Stream Culvert

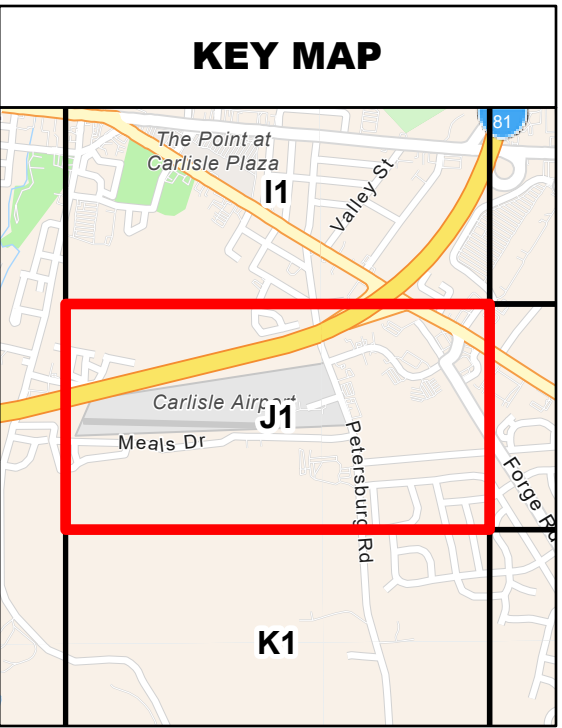
Swale

10' Contours

10' Depression Contour

2' Contours

2' Depression Contour



MS4 MAP #J1
Chesapeake Bay Basin
Middlesex Township
2010 Urbanized Area

Scale: 1" = 200'

Project No. JN217052

Plan Set # 1 of 2

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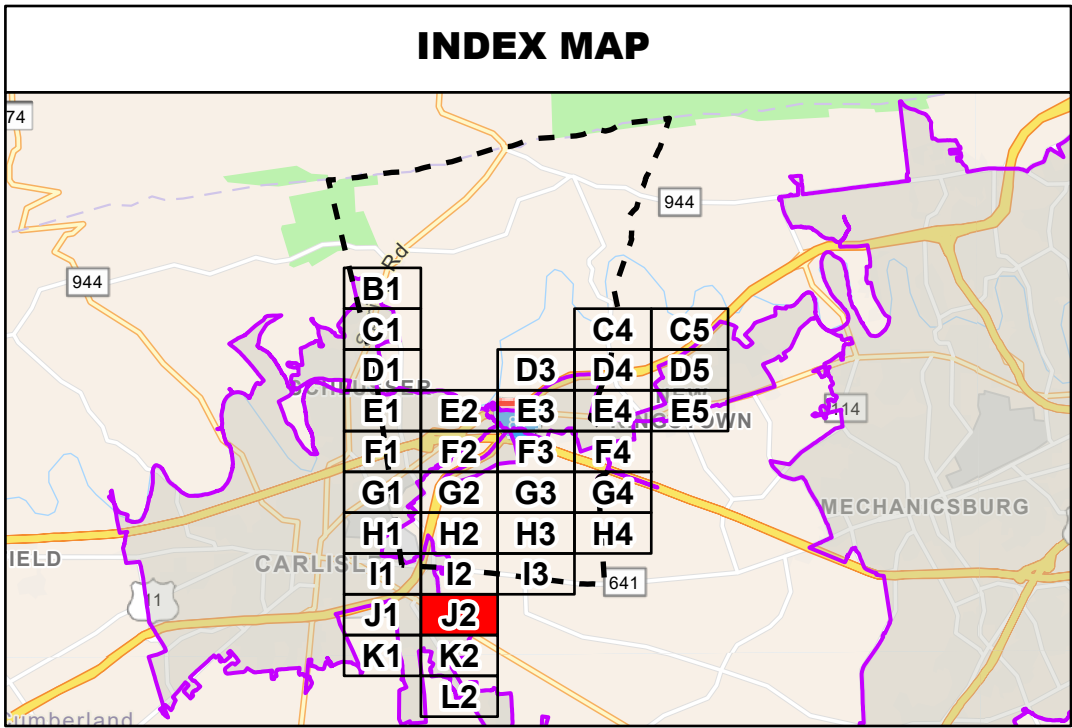
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TOWNSHIP**
350 N. Middlesex Road
Carlisle, PA 17013
717-249-4409



449 Eisenhower Blvd #300
PH. (717) 232-0593
Harrisburg, PA 17111
terracon.com

Municipality:	South Middleton
Urbanized Area:	Harrisburg, PA
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HUC Code:	20503050404, 20503050405
Date:	1/18/2023
Prepared By:	DTM
Coordinate System:	NAD 1983 StatePlane Pennsylvania South FIPS 3702 Feet

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LEGEND

Planning Area/Regulated MS4

Middlesex Governance Boundary

2010 Urbanized Area

2010 Non-Urbanized Area

Sewershed Attaining

Sewershed Non-Attaining

Parcels

Existing BMP

Flow Direction

Structures

- Discharge Point
- Inlet
- Intake
- Manhole
- Observation Point
- Outfall, Attaining
- Outfall, Non-Attaining

Stream Attaining

Stream Non-Attaining

PRP Vegetated Swale

PRP Bioretention/Raingarden

PRP Drainage Area

PRP Stream Restoration

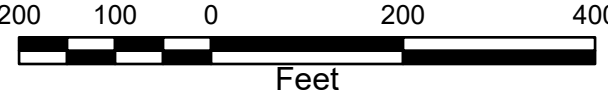
Conveyances

- Pipe
- Rain Trace
- Stream Culvert
- Swale

Elevation

- 10' Contours
- 10' Depression Contour
- 2' Contours
- 2' Depression Contour

MS4 MAP #J2
Chesapeake Bay Basin
Middlesex Township
2010 Urbanized Area



Scale: 1" = 200'



North arrow pointing up

Project No. JN217052

Plan Set # 1 of 2

Data Source: 1/18/2023 2:23 PM





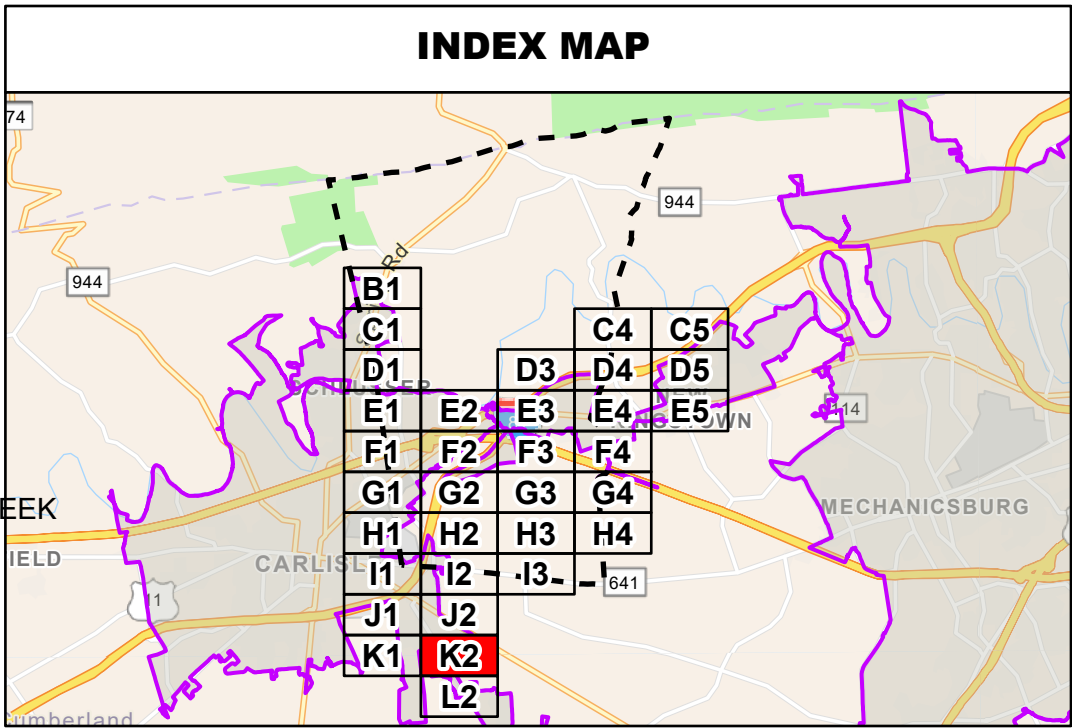
**MIDDLESEX
TOWNSHIP**
350 N. Middlesex Road
Carlisle, PA 17013
717-249-4409



449 Eisenhower Blvd #300
Harrisburg, PA 17111
PH: (717) 232-0593
terracon.com

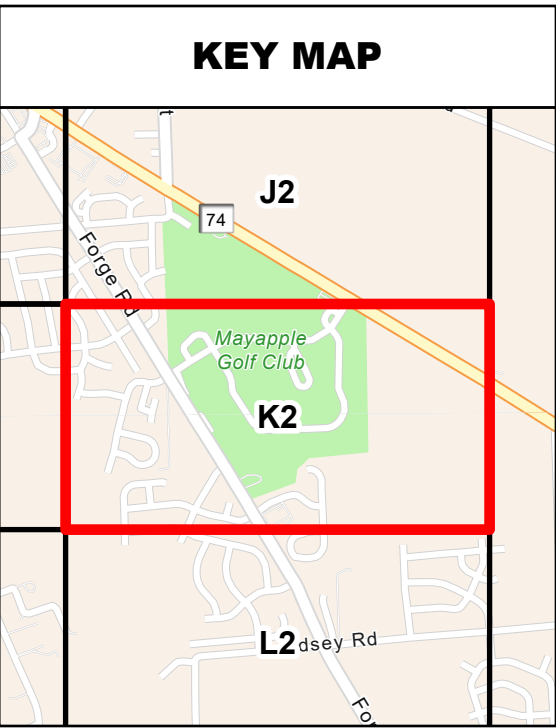
Municipality:	South Middleton
Urbanized Area:	Harrisburg, PA
HUC Name:	LETORT SPRING RUN, HOGESTOWN RUN, MIDDLE YELLOW BREECHES CREEK
HUC Code:	20503050404, 20503050405, 20503050504
Date:	1/18/2023
Prepared By:	DTM
Coordinate System:	NAD 1983 StatePlane Pennsylvania South FIPS 3702 Feet

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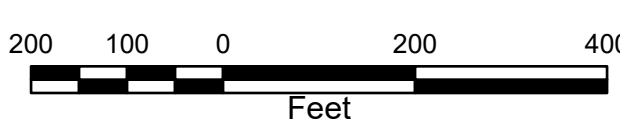


LEGEND

Planning Area/Regulated MS4	Existing BMP	Stream Attaining	Conveyances
Middlesex Governance Boundary	Flow Direction	Stream Non-Attaining	Pipe
2010 Urbanized Area	Structures	PRP Vegetated Swale	Rain Trace
2010 Non-Urbanized Area	Discharge Point	PRP Bioretention/Raingarden	Stream Culvert
Sewershed Attaining	Inlet	PRP Drainage Area	Swale
Sewershed Non-Attaining	Intake	PRP Stream Restoration	Elevation
Parcels	Manhole		10' Contours
	Observation Point		10' Depression Contour
	Outfall, Attaining		2' Contours
	Outfall, Non-Attaining		2' Depression Contour



MS4 MAP #K2
Chesapeake Bay Basin
Middlesex Township
2010 Urbanized Area



Scale: 1" = 200'
Project No. JN217052



Plan Set # 1 of 2



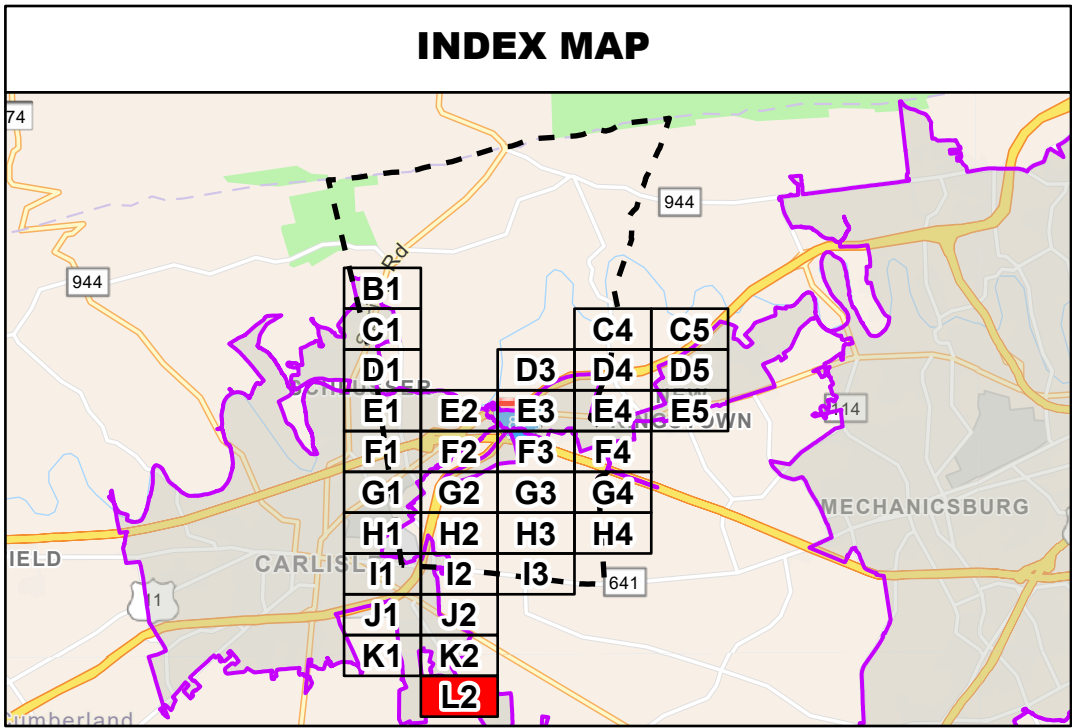


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PH. (717) 232-0593
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LEGEND

 Planning Area/Regulated MS4

 Middlesex Governance Boundary

 2010 Urbanized Area

 2010 Non-Urbanized Area

 Sewershed Attaining

 Sewershed Non-Attaining

 Parcels

 Existing BMP

 Flow Direction

 Discharge Point

 Inlet

 Intake

 Manhole

 Observation Point

 Outfall, Attaining

 Outfall, Non-Attaining

 Stream Attaining

 Stream Non-Attaining

 PRP Vegetated Swale

 PRP Bioretention/Raingarden

 PRP Drainage Area

 PRP Stream Restoration

 Pipe

 Rain Trace

 Stream Culvert

 Swale

 10' Contours

 10' Depression Contour

 2' Contours

 2' Depression Contour

Conveyances

 Pipe

 Rain Trace

 Stream Culvert

 Swale

Elevation

 10' Contours

 10' Depression Contour

 2' Contours

 2' Depression Contour

KEY MAP

MS4 MAP #L2
Chesapeake Bay Basin
Middlesex Township
2010 Urbanized Area

200 100 0 200 400

Feet



Scale: 1" = 200'

Project No. JN217052

Plan Set # 1 of 2

Date Saved: 1/19/2023 2:23 PM