



Watershed Inventory Report

Borough of Rumson

Monmouth County

NJPDES#: NJG0149071

December 2025

Phase 1 of the Watershed Improvement Plan



Watershed Inventory Report

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Acronyms & Definitions

1. *Acronyms*
 - i. "BMP" – Best Management Practice
 - ii. "DO" – Dissolved Oxygen
 - iii. "EPA" – U.S. Environmental Protection Agency
 - iv. "GIS" – Geographic Information System
 - v. "HUC 14" – Hydrologic Unit Code 14
 - vi. "MS4" – Municipal Separate Storm Sewer System
 - vii. "MTD" – Manufactured Treatment Device
 - viii. "NJPDES" – New Jersey Pollutant Discharge Elimination System
 - ix. "NJ-WET" – New Jersey Watershed Evaluation Tool
 - x. "TDS" – Total Dissolved Solids
 - xi. "TMDL" – Total Maximum Daily Load
 - xii. "TSS" – Total Suspended Solids
 - xiii. "WIP" – Watershed Improvement Plan
2. *Definitions* (regulatory citations are included at the end of each definition for those that are copied from that regulation)
 - i. "**Borough**" means the Borough of Rumson located in Monmouth County New Jersey.
 - ii. "**Department**" means the New Jersey Department of Environmental Protection also referred to as the NJDEP.
 - iii. "**HUC 14**" or "hydrologic unit code 14" means an area within which water drains to a particular receiving surface water body, also known as a subwatershed, which is identified by a 14-digit hydrologic unit boundary designation, delineated within New Jersey by the United States Geological Survey. (see N.J.A.C. 7:9B)
 - iv. "**Municipal separate storm sewer**" (or MS4 conveyance) means a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels, or storm drains) as defined in more detail at N.J.A.C. 7:14A-1.2.
 - v. "**Outfall**" means any point source which discharges directly to waters of the United States and does not include open conveyances connecting two municipal separate storm sewers, or pipes, tunnels or other conveyances which connect segments of the same stream or other waters of the United States and are used to convey waters of the United States.
 - vi. "**Storm drain inlet**" means the point of entry into the storm sewer system.
 - vii. "**Stormwater**" means water resulting from precipitation (including rain and snow) that runs off the land's surface, is transmitted to the subsurface, is captured by separate storm sewers or other sewerage or drainage facilities or is conveyed by snow removal equipment.
 - viii. "**Stormwater facility**" means stormwater infrastructure including, but not limited to, catch basins, infiltration basins, detention basins, green infrastructure (GI), filter strips, riparian buffers, infiltration trenches, sand filters, constructed wetlands, wet basins, bioretention systems, low flow bypasses, Manufactured Treatment Devices (MTDs), and stormwater conveyances.
 - ix. "**Stormwater management basin**" means a stormwater management basin as defined in N.J.A.C. 7:8.
 - x. "**Stormwater management measure**" means a stormwater management measure as defined in N.J.A.C. 7:8.



- xi. "**Stormwater runoff**" means water flow on the surface of the ground or in storm sewers, resulting from precipitation.
- xii. "**Total maximum daily load**" or "**TMDL**" means a total maximum daily load formally established pursuant to Section 7 of the Water Quality Planning Act (N.J.S.A. 58:11A-7) and Section 303(d) of the Clean Water Act, 33 U.S.C. §§12512 et seq. A TMDL is the sum of individual wasteload allocations for point sources, load allocations for nonpoint sources of pollution, other sources such as tributaries or adjacent segments, and allocations to a reserve or margin of safety for an individual pollutant.
- xiii. "**Waters of the State**" means the ocean and its estuaries, all springs, streams and bodies of surface or ground water, whether natural or artificial, within the boundaries of the State of New Jersey or subject to its jurisdiction" (see N.J.A.C. 7:9B-1.4).



Data Requirements & Resources

The following table identifies the required features to be analyzed in the Phase 1 – Watershed Inventory Report, highlighting which features will need to be submitted electronically to the Department in addition to the MS4 Infrastructure Map, due on January 1, 2026. The table also details the best sources to view, retrieve, and analyze the required data. This section has been included as a reference per the recommendations of the Department.

Required Data	Data Source
1. All stormwater outfalls owned/operated by the permittee	MS4 Infrastructure Map
2. Drainage area for each permittee owned/operated outfall	Topography ArcGIS Solutions/ArcHydro
3. Receiving waterbodies of those outfalls	NJ-WET NJDEP Open Data
4. Water quality classification of all receiving waterbody segments	NJ-WET NJDEP Open Data
5. All stormwater interconnections from the permittee's MS4 system into another entities' storm or sanitary sewer system	MS4 to MS4 interconnections required in MS4 Infrastructure Map, private interconnection(s) needed
6. The drainage area for each interconnection into another entities' storm or sanitary sewer system	Topography ArcGIS Solutions/ArcHydro
7. All stormwater interconnections into the permittee's system from another entities' storm sewer system	MS4 to MS4 interconnections required in MS4 Infrastructure Map, private interconnection(s) needed
8. All storm drain inlets owned/operated by the permittee	MS4 Infrastructure Map
9. Area associated with each TMDL for waters that lie within or bordering the permittee's property(s)/jurisdiction	NJ-WET NJDEP Open Data
10. Area associated with each water quality impairment for waters that lie within or bordering the permittee's property(s)/jurisdiction	NJ-WET NJDEP Open Data
11. Overburdened communities	NJ-WET



	<i>NJDEP Open Data</i> <i>EJMAP</i>
<i>12. Impervious areas</i>	<i>NJ-WET</i> <i>NJDEP Open Data</i>
<i>13. Location and ownership of all stormwater infrastructure not owned or operated by the permittee</i>	<i>H&H Database</i>

**The highlighted rows indicate that electronic data is required to be submitted to the Department via the Stormwater Document Submittal Service using NJDEP Online. Acceptable electronic data submittal formats are as follows:*

- *Georeferenced shapefile(s),*
- *Geodatabase(s), or*
- *AutoCAD file(s) (with all other non-applicable data stripped out).*

The non-highlighted rows in the table above will be analyzed and summarized, as detailed in the following sections, from the data acquired for the permittee's MS4 Infrastructure Map or from the Department's publicly available data. Data that was acquired during the creation of the MS4 Infrastructure Map or is publicly available from the Department does not need to be submitted back to the Department.

The following resources represent the current WIP guidance and available datasets.

New Jersey Watershed Evaluation Tool (NJ-WET)

NJ-WET was developed by the Bureau of NJPDES Stormwater Permitting to assist permittees in the development and implementation of their WIPs. Users can download the following data and create unique PDF maps of the following:

- *Receiving surface waterbodies*
- *Water quality classification of all receiving surface waterbody segments*
- *TMDLs associated with HUC 14s/subwatersheds*
- *Water quality impairments associated with HUC 14s/subwatersheds*
- *Overburdened communities*
- *Impervious areas*

Link to NJ-WET: <https://experience.arcgis.com/experience/f40f65d807bb4372bd92b48bb98f1972>



NJDEP Open Data

NJDEP Open Data is a site hosted by the Bureau of GIS which hosts a multitude of publicly available data for download and manipulation. Some examples of datasets available for download that may assist in the development and implementation of the WIP are:

- *Receiving surface waterbody names*
- *Water quality classification of all receiving surface waterbody segments*
- *Subwatersheds associated with TMDLs*
- *Overburdened communities*
- *Impervious areas*
- *Land use cover*
- *Elevation*
- *Hydrography*

Link to NJDEP Open Data: <https://gisdata-njdep.opendata.arcgis.com/>

MS4 WIP Guidance Webpage

The Bureau of NJPDES Stormwater Permitting hosts guidance on its webpage that includes the following:

- *Pollutants of Concern Summaries – Provides detailed descriptions of each water quality parameter of concern from MS4s and the related effects on the environment*
- *WIP Matrix – Provides examples of projects that would address different pollutant parameters*
- *Project Descriptions – Provides a narrative description of each project from the accompanying WIP Matrix*

Link to MS4 WIP guidance: <https://dep.nj.gov/njpdes-stormwater/municipal-stormwater-regulation-program/watershed-improvement-plan-guidance/>

TMDL Lookup Tool

The TMDL Lookup Tool allows users to search by county and municipality to obtain links to the specific TMDL reports generated for each subwatershed within the selected municipal boundary.

Link to TMDL Lookup Tool: <https://dep.nj.gov/njpdes-stormwater/municipal-stormwater-regulation-program/tmdl/>

New Jersey's Integrated Water Quality Assessment Reports – 303(d) List



The 303(d) list is required under Section 303(d) of the [federal Clean Water Act](#), which mandates that states submit to USEPA, on a biennial basis, a list of waters that do not support their designated uses because they are not meeting surface water quality standards. All such waters must be identified on the 303(d) List of Water Quality Limited Waters ("303(d) List"). States must prioritize 303(d)-listed waters for [Total Maximum Daily Load \(TMDL\)](#) development and identify those high priority waters for which they anticipate establishing TMDLs in the next two years. The 303(d) List must be submitted to USEPA by April 1 of every even-numbered year. Since 2002, New Jersey has developed and submitted its 303(d) List and Two-Year TMDL Schedule as part of the Integrated Report.

Link to the Department's information: <https://dep.nj.gov/wms/bears/water-quality-assessment/>

New Jersey Environmental Justice Mapping, Assessment, and Protection Tool (EJMAP)

This tool was designed to support the NJDEP's efforts to implement the State's Environmental Justice (EJ) Law through its regulatory and permitting processes. More information on overburdened communities and data related to this may be found [here](#).

Link to NJDEP's EJ Map:

<https://experience.arcgis.com/experience/548632a2351b41b8a0443cf3a9f4ef6>

H&H Database

The New Jersey Hydrologic Modeling Database, or "H&H Database," is the culmination of several decades of data collection effort by NJ Soil Conservation Districts the NJ Department of Agriculture (NJDA), and the Department of Environmental Protection (NJDEP). The data contained in the database was originally submitted to NJ soil conservation districts as part of the permit review process and are part of the public record. While every effort has been made to review the data for accuracy and correctness, the final responsibility for accuracy rests with the original designer(s). Site plans and design data are subject to all applicable copy write and intellectual property rights laws. The data available in this database can provide a starting point for permittees to identify potential private stormwater management measures within the permittee's jurisdiction.

Link to H&H Database: <https://hydro.rutgers.edu/about/>



Acknowledgements

The Borough of Rumson Watershed Inventory Report has been prepared by:

David M. Marks, P.E., C.M.E., CFM

Borough Engineer, Certified Floodplain Manager and Stormwater Program Coordinator

The Watershed Inventory Report has been developed with the support of the Borough of Rumson Mayor and Council, Borough Staff and Volunteers utilizing locally funded resources. Please note, the Borough was partially funded by NJDEP for MS4 Mapping Efforts.

Regional Collaboration

The Borough of Rumson has not formally collaborated with any neighboring community in the development of the WIR, however the report author has communicated with other professionals within Monmouth County regarding the Department's requirements.



Introduction

- **Location**

The Borough of Rumson is a Tier A community situated on a peninsula in eastern Monmouth County surrounded by the Navesink River to the north, Shrewsbury River to the East and South and the Boroughs of Fair Haven and Little Silver to the West. The Borough consists of approximately 5.2 square miles of predominantly residential properties varying in lot composition of multi-acre estates to ±5,000 square foot lots.

- **Population**

The Borough of Rumson has a population of approximately 7,350 in accordance with 2020 Census. This represents a slight increase of approximately 3% from the 2010 Census. Population has remained consistent since the 1970 Census.

- **Land use type(s)**

The Borough of Rumson is comprised of approximately 2,600 individual parcels most of which are zoned Residential. There are three small commercial districts along West River Road (between Second Street and Bingham Avenue), East River Road (between North Street and Carton Street) and Avenue of Two Rivers at Ridge Road. The current Zoning Map is included as an appendix in this report. It should be noted, the current zoning has been consistent since the 1978 Master Plan.

Breakdown by acreage:

- Residential: 2,262 acres (79.5%)
- Commercial: 268 acres (9.4%)
- Industrial: 0
- Farmland: 70 acres (2.5%)
- Other*: 245 acres (8.6%)

*Other contains the following property classes: Public Schools, Other School Property, Public Property, Church & Charity, Cemeteries and Other Exempt

- **Subwatersheds within or bordering the Borough of Rumson**

The Borough of Rumson lies within the following Subwatersheds with the Monmouth Watershed Management Area in the Atlantic Coast Water Region:

Little Silver Creek/Town Neck Creek: Water Region 3, Watershed Management Area 12

- HUC 14: 02030104080010
- Watershed ID: 12CA
- Sub-Watershed ID: 12CA01

Shrewsbury River (above Navesink River): Water Region 3, Watershed Management Area 12

- HUC 14: 02030104080040
- Watershed ID: 12CA



- Sub-Watershed ID: 12CA04

Navesink R (below Rt 35)/Lower Shrewsbury: Water Region 3, Watershed Management Area 12

- HUC 14: 02030104070110
- Watershed ID: 12BA
- Sub-Watershed ID: 12BA11

- **Area(s) Prone to Flooding**

The areas of the Borough most prone to flooding are located within the FEMA Mapped Special Flood Hazard Areas. Those low-lying portions of the Borough become inundated during higher-than-normal tides due to lunar events or coastal storms. As infrastructure improvements are made within those areas, a flood resiliency component of the project is typically incorporated to protect roadways from inundation. Those methods have typically consisted of elevating the road, installing low-level flood proofing through the use of earthen berms or floodwalls, and/or installing a check valve on the drainage system,

In addition to the more common coastal flooding, the Borough has experienced very isolated occurrences of rain driven flooding. When these events occur, it is typically due the existing drainage system being overwhelmed by the storm intensity or there is yard debris type obstruction in the system.

- **Goal for the Watershed Improvement Plan**

The Borough's goals for the Watershed Improvement Plan will evolve over time, but should generally consist of the following themes:

- Reduce loss of life and property damage during a flooding event.
- Reduce the potential or severity of a flooding event.
- Maintain or improve water quality of receiving waters surrounding the Borough.

Electronic data required for submission: None required for this section.



Public Participation

For the development of the Watershed Inventory Report, public engagement has been minimal due to the type of data and material in this document.

- **List of stakeholders**

- Mayor & Council of the Borough of Rumson
- Department of Public Works
- Stormwater Coordinator
- Borough Engineer

- **List of Previously Held Meetings**

- None

- **Summary of Feedback**

- None

- **Future Scheduled Meetings**

- None at this time

- **Dedicated Stormwater Management Website for the Borough of Rumson:**

<https://www.rumsonnj.gov/stormwater>

Electronic data required for submission: None required for this section.



Stormwater Outfalls

- **Stormwater Outfalls Owned/Operated by Permittee**

The Borough of Rumson owns and/or operates 107 outfalls within the community. The most recent mapping effort was completed by T&M Associates on the Borough's behalf using high accuracy GPS equipment and ESRI field data collection interface over the course of several weeks in 2025. Previous mapping was completed and shown on a drainage and outfall map from 1992. A copy of the current mapping effort and the 1992 map are included in the appendix of the report and made available to the public on the Borough's website dedicated to Stormwater Management.

Within the three subwatersheds 27 outfalls discharge into the Little Silver Creek/Town Neck Creek; 48 outfalls discharge into the Shrewsbury River (above Navesink River); and 32 outfalls discharge into the Navesink R (below Rt 35)/Lower Shrewsbury. The outfall table included within this report details each outfall and their discharging subwatershed.

- **Receiving Surface Waters**

The receiving surface waters of the Borough owned and/or operated outfalls consist of the Navesink and Shrewsbury Rivers or the tributaries immediately upstream. As noted herein, the subwatersheds are Little Silver Creek/Town Neck Creek; the Shrewsbury River (above Navesink River); and the Navesink R (below Rt 35)/Lower Shrewsbury.

- **Water Quality Classifications**

Using the NJDEP NJ-WET, water quality classification was completed for the Borough of Rumson. A copy of the November 2025 report is included in this report. All 107 of the owned and/or operated outfalls by the Borough of Rumson discharge into one of these surface waters. The included NJ-WET report generated in November 2025 has been included as an appendix of this report.

The recently completed MS4 mapping includes the receiving surface water body, water quality classifications and subwatersheds. The MS4 mapping is included in the appendix of this report.

Electronic data required for submission: None required for this section.



Stormwater Interconnections:

The Borough of Rumson has MS4 interconnections with the County of Monmouth, Borough of Fair Haven and Borough of Little Silver. The interconnections were mapped during the Borough's MS4 Mapping initiative with T&M Associates using high accuracy GPS equipment and ESRI field data collection interface over the course of several weeks in 2025. The Monmouth County interconnections exist predominantly along the following County Routes: Rumson Road (CR 520), West River Road (CR 34), East River Road (CR34), Bingham Avenue (CR 8A), Ridge Road (CR 10), and Avenue of Two Rivers (CR34). The interconnections between Fair Haven and Rumson occur along our shared western municipal border of Buena Vista Avenue between Ridge Road and West River Road. The interconnections between Little Silver and Rumson occur on Oakes Road.

All interconnections are detailed in the MS4 Mapping previously supplied to the NJDEP. A table of the interconnections into and out of the Borough's MS4 system is provided as a table in the reports appendix.

Electronic data required for submission: Interconnection information was previously supplied to NJDEP with the MS4 mapping.



Drainage Areas for Stormwater Outfalls

The contributory drainage area for each outfall has been developed using the available MS4 GIS mapping completed on the Borough's behalf by T&M Associates over the course of several months in 2025. Publicly available 2' elevation contours from the Monmouth County Office of GIS were added to the completed MS4 mapping and each contributory drainage area to all 107 outfalls will be mapped by hand. In early attempts of utilizing watershed development tools it was determined the data was too unreliable and utilizing a consulting firm to complete the effort was unaffordable. Mapping the contributory areas to each outfall were best accomplished using good ole'-fashioned engineering evaluation completed by hand and drafted in AutoCAD. Due to issues exporting the information from GIS, only a hand sketched representative map of small outfall drainage areas in the West Park Neighborhood have been included within this version of the WIR. Once the GIS vs AutoCAD issue has been sorted and the balance of the outfall drainage areas have been completed, an update to the WIR will be issued.

Electronic data required for submission: Outfall drainage area maps are included in the WIR, but will also be made available via the Borough's dedicated Stormwater webpage.



TMDLs and Water Quality Impairments

The three subwatersheds within the Borough of Rumson are Little Silver Creek/Town Neck Creek; the Shrewsbury River (above Navesink River); and the Navesink R (below Rt 35)/Lower Shrewsbury. All three subwatersheds discharge to the Shrewsbury River or the Navesink River, both of which are category 1 waters as defined by the NJDEP.

Utilizing NJ-WET, a Water Quality Report was generated in November 2025 and has been included as an appendix of the WIR.

Within the Navesink R (below Rt 35)/Lower Shrewsbury subwatershed, the Borough has been engaged with the Navesink River Coalition and William Heddendorf of the NJDEP to find collaborative approaches to improve water quality conditions within the Navesink River. Mr. Heddendorf has identified a small segment of stormwater piping within the Outfall #3 drainage area which irregularly produces higher than normal fecal samples. The Borough is currently under contract with National Water Main Cleaning Co as part of the 2026 Sanitary Sewer Rehabilitation Program to clean, televise inspect and grout the sanitary sewer piping within that portion of the Borough. As part of that contract, the Borough will have NWMC clean and televise the drainage system to look for possible illicit connections.



Overburdened Communities

The Borough of Rumson does not have any overburdened populations in the community. The EJ Map generated on December 18, 2025 included in the appendix confirms same.

Electronic data required for submission: None required.



Impervious Area

The impervious area map for the Borough of Rumson was generated using NJDEP NJ-GeoWeb and is included in the appendix. The outcome is generally consistent with the maximum allowable lot coverage permitted in the Borough. For Residential properties, the Borough utilizes the table below, which can be found in the Borough Ordinance Schedule 5-4.

SCHEDULE 5-4
MAXIMUM PERMITTED LOT AND BUILDING COVERAGE
RESIDENTIAL ZONES (R-1, R-2, R-3, R-4, R-5, & R-6)
(& SINGLE FAMILY USES IN THE POB, GB & NB ZONES)

If the lot does not contain unusable areas (see usable lot area definition) usable lot area will be the same as lot area.

(Ord. No. 08-001D § 1)

Usable Lot Area (SF)		Lot Coverage (SF)		Building Coverage (SF)	
Greater than (Column 1)	Less than or Equal to (Column 2)	Basis for Maximum Lot Coverage (Column 3)	Lot Coverage Added to Column 3 (Column 4)	Basis for Maximum Building Coverage (Column 5)	Building Coverage Added to Column 5 (Column 6)
0	5000	0	0.4750 X SF	0	0.2330 X SF
5000	10000	2375	0.3190 X SF over 5000	1165	0.1860 X SF over 5000
10000	70000	3970	0.1915 X SF over 10000	2095	0.0620 X SF over 10000
70000	150000	15460	0.1700 X SF over 70000	5815	0.0470 X SF over 70000
150000	---	29060	0.1275 X SF over 150000	9575	0.0350 X SF over 150000

EXAMPLE:

1. Determine the **USABLE LOT AREA** range in which the subject lot falls. *ex. Subject lot has a usable lot area of 7500 square feet. The range in which it falls is the 5000—10000 square foot range.*
2. Determine the basis for the maximum permitted lot (or building) coverage column 3 (or 5). *ex. Basis for maximum permitted lot coverage for lots with a usable lot area in the 5000—10000 s.f. range is 2375 square feet. (1165 square feet for building coverage.)*
3. Determine the number of square feet by which the usable lot area of the subject lot exceeds the lower limit of the range and multiply it by the factor in Column 4 for lot coverage (or column 6 for building coverage). *ex. 2500 SF x .3190 = 797.5 SF (lot coverage), 2500 SF x .1860 = 465 SF (building coverage).*
4. Add the basis for the maximum permitted lot (or building) coverage and the additional lot (or building) coverage permitted to find the total permitted lot (or building) coverage for the subject lot. *ex. 2375 + 797.5 = 3172.5 SF (lot coverage), 1165 + 465 = 1630 SF (building coverage).*
5. Note: For development sites consisting of more than one (1) lot, maximum lot (or building) coverage shall apply to the entire tract or site as a single parcel or lot.



Non-Municipally Owned or Operated Stormwater Facilities:

The following properties have non-municipally owned stormwater facilities:

- Rumson Fair Haven Regional High School
Underground detention and recharge system beneath the Forrest Avenue parking lot
- Rumson Elementary School
Underground detention and recharge system beneath the Black Point Road parking lot
- 91 Rumson Road (under construction)
Underground detention and recharge system beneath site driveways
- 132 Bingham Avenue
Underground detention and recharge system in northwest corner and northeast corners of the site

The mapping of the above listed facilities can be found in the MS4 mapping previously supplied to the NJDEP and as publicly available on the Borough's website dedicated to Stormwater.



Conclusions:

The Watershed Inventory Report is a living document that will continue to evolve as the Outfall Drainage Area Mapping is completed. In some instances, the MS4 infrastructure mapping may require editing based on actual field conditions not readily apparent during the data collection phase of the process. At this time, the MS4 Mapping presented in the WIR is the record of known infrastructure and routing of storm drainage piping. This report will act as the backbone for the development of the Watershed Assessment Report (Phase 2 of the Watershed Improvement Plan) to assess potential water quality improvement components within annual capital improvement programs.

The Watershed Inventory Report will be submitted electronically to the New Jersey Department of Environmental Protection in accordance with the requirements of the Borough's Tier A NJPDES Permit. This report will also be publicly available on the Borough's website dedicated to Stormwater Management at www.rumsonnj.gov/stormwater.



References:

Monmouth County Division of Planning

<https://www.visitmonmouth.com/page.aspx?ID=140>

2024 Monmouth County at a Glance: Rumson Borough

<https://data-monmouthnj.hub.arcgis.com/apps/a14013f2ca4a434ba3e214a2476cc783/explore>

Monmouth County GIS Division

What's My Watershed

<https://data-monmouthnj.hub.arcgis.com/maps/683a30956caf4f40a306102c6b456504/explore?location=40.278458%2C-74.292067%2C10>

NJDEP GeoWeb

<https://dep.nj.gov/gis/nj-geoweb/>

Impervious Area Mapping

NJ-WET

<https://dep.nj.gov/njpdes-stormwater/municipal-stormwater-regulation-program/watershed-improvement-plan-guidance/>

TMDL Report November 5, 2025

EJ Map: Overburdened Community Map

<https://dep.nj.gov/ej/communities/>

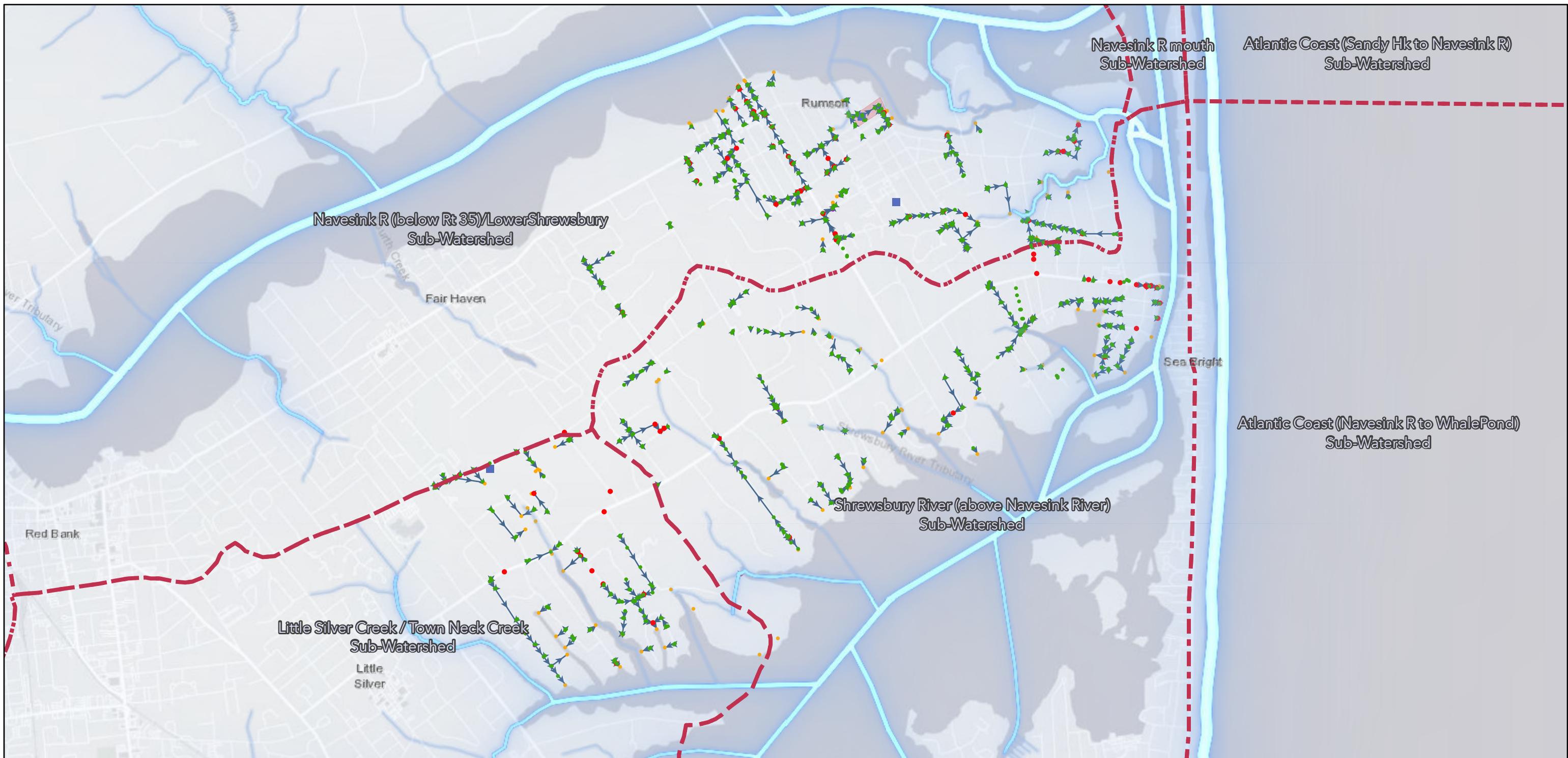


Appendix A:
1992 Stormwater Infrastructure Map
2025 MS4 Mapping
Subwatershed Mapping for Rumson Borough
FEMA Special Flood Hazard Area Mapping

Stormwater Map



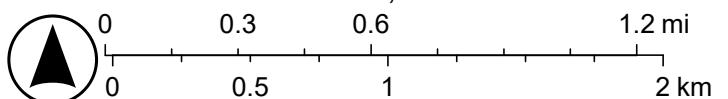
Stormwater Map



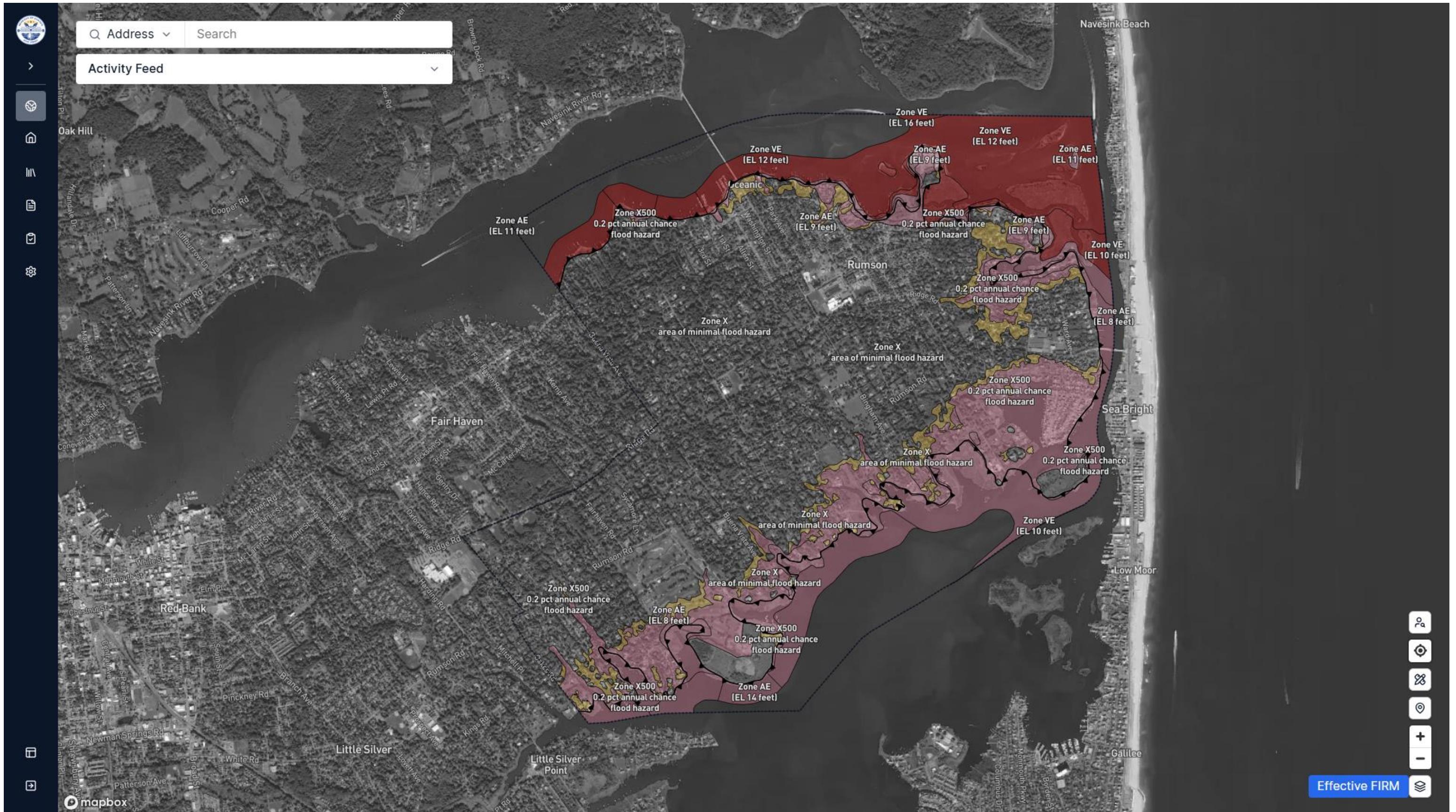
12/18/2025

- Light_Gray_Canvas_Reference
- NJ - 14-Digit, Sub-Watershed Delineations
- Inlet
- Manhole
- Outfall
- Interconnection
- StormwaterFacility
- Pipe
- Light_Gray_Canvas_Base

1:36,000



Esri, HERE, State of New Jersey, Esri, HERE, Garmin, GeoTechnologies, Inc., USGS, EPA



Effective FEMA SFHA Mapping



Appendix B:
Outfall Table
Interconnection Table

Outfall ID No	Outfall Type	Pipe Material	Subwatershed	Receiving Water Type	Receiving Water Name	Latitude	Longitude
1	Outfall Pipe	Concrete	Navesink R (below Rt 35)	Stream/River	Navesink River	40.37791521	-74.01212817
2	Outfall Pipe	Unknown	Navesink R (below Rt 35)	Stream/River	Navesink River	40.3770795	-74.0128835
3	Outfall Pipe	RCP	Navesink R (below Rt 35)	Stream/River	Navesink River	40.37628865	-74.01400843
4	Outfall Pipe	Unknown	Navesink R (below Rt 35)	Stream/River	Navesink River	40.37629319	-74.01338584
5	Outfall Pipe	PVC	Navesink R (below Rt 35)	Stream/River	Navesink River	40.37550199	-74.01621633
6	Outfall Pipe	Unknown	Navesink R (below Rt 35)	Stream/River	Navesink River	40.378231	-74.01157138
7	Outfall Pipe	Concrete	Navesink R (below Rt 35)	Stream/River	Navesink River	40.37817032	-74.01153118
8	Outfall Pipe	PVC	Navesink R (below Rt 35)	Stream/River	Navesink River	40.37880083	-74.00909898
9	Outfall Pipe	Concrete	Navesink R (below Rt 35)	Stream/River	Navesink River	40.37695861	-74.00329922
10	Outfall Pipe	Concrete	Navesink R (below Rt 35)	Stream/River	Pomphrey Pond	40.37512307	-74.00420598
11	Outfall Pipe	Concrete	Navesink R (below Rt 35)	Lake/Pond	Deane Porter Pond	40.37041449	-74.00420262
12	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Stream/River	Shrewsbury River Tributary	40.36107406	-74.00185459
13	Outfall Pipe	Unknown	Shrewsbury River (above Navesink River)	Wetland	South Shrewsbury River Tributary	40.35585174	-74.0030526
14	Outfall Pipe	Corrugated HDPE	Shrewsbury River (above Navesink River)	Stream/River	South Shrewsbury River	40.35433639	-73.99202899
15	Outfall Pipe	Concrete	Navesink R (below Rt 35)	Stream/River	Navesink River Tributary	40.36965875	-73.98767799
16	Outfall Pipe	Concrete	Navesink R (below Rt 35)	Stream/River	Navesink River Tributary	40.37176817	-73.98658516
17	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Stream/River	Shrewsbury River	40.36398089	-73.97662575
18	Outfall Pipe	RCP	Shrewsbury River (above Navesink River)	Stream/River	Shrewsbury River	40.36181662	-73.97739596
19	Outfall Pipe	Unknown	Little Silver Creek/Town Neck Creek	Stream/River	Little Silver Creek Tributary	40.35337591	-74.02897928
20	Outfall Pipe	Concrete	Little Silver Creek/Town Neck Creek	Stream/River	Little Silver Creek	40.34071915	-74.02206502
21	Outfall Pipe	Concrete	Little Silver Creek/Town Neck Creek	Stream/River	Little Silver Creek	40.34277549	-74.02185482
22	Outfall Pipe	Concrete	Little Silver Creek/Town Neck Creek	Stream/River	Little Silver Creek	40.34167571	-74.02023433
23	Outfall Pipe	Corrugated HDPE	Little Silver Creek/Town Neck Creek	Stream/River	Little Silver Creek	40.34192013	-74.01830192
24	Outfall Pipe	Concrete	Little Silver Creek/Town Neck Creek	Stream/River	Little Silver Creek	40.34314217	-74.01897285
25	Outfall Pipe	Concrete	Little Silver Creek/Town Neck Creek	Stream/River	Little Silver Creek	40.34568245	-74.01773316
26	Outfall Pipe	Unknown	Little Silver Creek/Town Neck Creek	Stream/River	South Shrewsbury River		
27	Outfall Pipe	RCP	Shrewsbury River (above Navesink River)	Stream/River	South Shrewsbury River		
28	Outfall Pipe	Unknown	Shrewsbury River (above Navesink River)	Stream/River	South Shrewsbury River	40.34669266	-74.01181069
29	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Stream/River	Unknown	40.35379892	-74.0122718
30	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Stream/River	South Shrewsbury River	40.35350246	-74.00162891
31	Open Channel Outfall	Concrete	Shrewsbury River (above Navesink River)	Stream/River	South Shrewsbury River	40.35719072	-73.99840813
32	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Stream/River	South Shrewsbury River	40.36221705	-73.98812263
33	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Stream/River	South Shrewsbury River	40.3621938	-73.98814701
34	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Stream/River	South Shrewsbury River	40.35999959	-73.98656107
35	Open Channel Outfall	Concrete	Shrewsbury River (above Navesink River)	Stream/River	South Shrewsbury River	40.36358471	-73.98351931
36	Open Channel Outfall	Unknown	Shrewsbury River (above Navesink River)	Stream/River	South Shrewsbury River	40.36354839	-73.98215094
37	Open Channel Outfall	Other	Shrewsbury River (above Navesink River)	Stream/River	South Shrewsbury River	40.36348026	-73.98131105
38	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Lake/Pond	Unknown	40.35608713	-74.01804823
39	Outfall Pipe	Concrete	Navesink R (below Rt 35)	Stream/River	Navesink River	40.37549333	-73.99219815
40	Outfall Pipe	Concrete	Navesink R (below Rt 35)	Stream/River	Navesink River	40.37630464	-73.9996087
41	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Stream/River	South Shrewsbury River	40.35936877	-73.98225526
42	Outfall Pipe	Unknown	Shrewsbury River (above Navesink River)	Stream/River	South Shrewsbury River	40.36067957	-73.98216477

Outfall ID No	Outfall Type	Pipe Material	Subwatershed	Receiving Water Type	Receiving Water Name	Latitude	Longitude
43	Outfall Pipe	Unknown	Navesink R (below Rt 35)	Stream/River	Navesink River	40.37495791	-73.99453587
44	Outfall Pipe	Concrete	Little Silver Creek/Town Neck Creek	Stream/River	Little Silver Creek Tributary	40.3524642	-74.03345885
45	Outfall Pipe	Concrete	Little Silver Creek/Town Neck Creek	Stream/River	Little Silver Creek Tributary	40.34952359	-74.03002069
46	Outfall Pipe	Corrugated HDPE	Little Silver Creek/Town Neck Creek	Woodland	Little Silver Creek Tributary	40.35036049	-74.03030969
47	Outfall Pipe	Concrete	Little Silver Creek/Town Neck Creek	Unknown	Little Silver Creek Tributary	40.3517979	-74.02949998
48	Open Channel Outfall	Concrete	Little Silver Creek/Town Neck Creek	Stream/River	Little Silver Creek Tributary	40.3532641	-74.02884789
49	Outfall Pipe	Clay	Little Silver Creek/Town Neck Creek	Stream/River	Little Silver Creek Tributary	40.35477773	-74.02749439
50	Outfall Pipe	Concrete	Little Silver Creek/Town Neck Creek	Stream/River	Little Silver Creek	40.3441476	-74.02891142
51	Outfall Pipe	Concrete	Little Silver Creek/Town Neck Creek	Stream/River	Little Silver Creek	40.34264969	-74.02740563
52	Outfall Pipe	Concrete	Little Silver Creek/Town Neck Creek	Stream/River	Little Silver Creek	40.34151971	-74.02647783
53	Outfall Pipe	Concrete	Little Silver Creek/Town Neck Creek	Stream/River	Little Silver Creek	40.34196919	-74.02667225
54	Outfall Pipe	Corrugated HDPE	Little Silver Creek/Town Neck Creek	Stream/River	Little Silver Creek	40.34336697	-74.02410046
55	Outfall Pipe	Metal	Little Silver Creek/Town Neck Creek	Stream/River	Little Silver Creek	40.34684984	-74.02684241
56	Outfall Pipe	Unknown	Little Silver Creek/Town Neck Creek	Stream/River	Little Silver Creek		
57	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Stream/River	South Shrewsbury River	40.34823301	-74.00703729
58	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Lake/Pond	Unknown	40.35276568	-74.00959476
59	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Wetland	South Shrewsbury River	40.35076398	-74.00503132
60	Outfall Pipe	Corrugated HDPE	Shrewsbury River (above Navesink River)	Stream/River	South Shrewsbury River	40.35139454	-74.00382966
61	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Wetland	South Shrewsbury River	40.35218577	-74.00270881
62	Outfall Pipe	Corrugated HDPE	Shrewsbury River (above Navesink River)	Stream/River	South Shrewsbury River Tributary	40.35641126	-74.00832175
63	Outfall Pipe	PVC	Shrewsbury River (above Navesink River)	Stream/River	South Shrewsbury River Tributary	40.35646262	-74.00817833
64	Outfall Pipe	Corrugated HDPE	Shrewsbury River (above Navesink River)	Lake/Pond	Unknown	40.35897266	-74.01895889
65	Outfall Pipe	Corrugated HDPE	Shrewsbury River (above Navesink River)	Lake/Pond	Unknown	40.3591128	-74.0188143
66	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Unknown	Unknown	40.36218049	-74.00668011
67	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Unknown	Unknown	40.3629948	-74.00535315
68	Outfall Pipe	Metal	Navesink R (below Rt 35)	Wetland	Unknown	40.36808429	-74.00499285
69	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Unknown	Shrewsbury River Tributary	40.36035154	-74.00009881
70	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Stream/River	South Shrewsbury River	40.35599075	-73.99784442
71	Unknown	Concrete	Shrewsbury River (above Navesink River)	Wetland	South Shrewsbury River		
72	Outfall Pipe	Corrugated HDPE	Shrewsbury River (above Navesink River)	Stream/River	South Shrewsbury River	40.3556121	-73.99527173
73	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Stream/River	Shrewsbury River	40.35795278	-73.9922028
74	Outfall Pipe	HDPE	Shrewsbury River (above Navesink River)	Stream/River	South Shrewsbury River	40.35955257	-73.97964997
75	Outfall Pipe	Plastic	Shrewsbury River (above Navesink River)	Stream/River	Shrewsbury River	40.36505134	-73.97643747
76	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Lake/Pond	Unknown	40.35976825	-73.98807004
77	Outfall Pipe	Unknown	Navesink R (below Rt 35)	Stream/River	Navesink River Tributary	40.37110526	-73.98442685
78	Outfall Pipe	Concrete	Navesink R (below Rt 35)	Lake/Pond	Navesink River Tributary	40.36974699	-73.98926739
79	Outfall Pipe	Metal	Navesink R (below Rt 35)	Stream/River	Unknown	40.36814896	-73.98704456
80	Outfall Pipe	Metal	Navesink R (below Rt 35)	Stream/River	Navesink River Tributary	40.36918468	-73.9920144
81	Outfall Pipe	Metal	Navesink R (below Rt 35)	Stream/River	Navesink River Tributary	40.36916164	-73.99197875
82	Outfall Pipe	Concrete	Navesink R (below Rt 35)	Stream/River	Navesink River	40.37584512	-73.99920842
83	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Stream/River	South Shrewsbury River Tributary	40.35580652	-74.0032545
84	Outfall Pipe	Corrugated HDPE	Shrewsbury River (above Navesink River)	Wetland	South Shrewsbury River Tributary	40.35601396	-74.00525425

Outfall ID No	Outfall Type	Pipe Material	Subwatershed	Receiving Water Type	Receiving Water Name	Latitude	Longitude
85	Open Channel Outfall	Concrete	Shrewsbury River (above Navesink River)	Lake/Pond	Shrewsbury River Tributary	40.36180512	-74.00429117
86	Open Channel Outfall	HDPE	Navesink R (below Rt 35)	Stream/River	Navesink River	40.37536133	-74.01607414
87	Open Channel Outfall	Concrete	Navesink R (below Rt 35)	Lake/Pond	Deane Porter Pond	40.37082776	-74.00378255
88	Open Channel Outfall	Concrete	Navesink R (below Rt 35)	Stream/River	Navesink River Tributary	40.37237511	-73.98096171
89	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Stream/River	Unknown	40.36267182	-74.01506645
90	Outfall Pipe	Corrugated HDPE	Navesink R (below Rt 35)	Stream/River	Navesink River Tributary	40.37091567	-73.98613899
91	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Stream/River	South Shrewsbury River	40.36258715	-73.98183274
92	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Stream/River	South Shrewsbury River	40.36259926	-73.98181341
93	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Stream/River	South Shrewsbury River	40.35713504	-73.99838802
94	Outfall Pipe	Metal	Little Silver Creek/Town Neck Creek	Wetland	Little Silver Creek Tributary	40.35087119	-74.02987792
95	Outfall Pipe	Metal	Little Silver Creek/Town Neck Creek	Stream/River	Little Silver Creek Tributary	40.35001593	-74.02916392
96	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Stream/River	Shrewsbury River	40.36511009	-73.9766893
97	Outfall Pipe	Concrete	Navesink R (below Rt 35)	Lake/Pond	Deane Porter Pond	40.37028483	-74.00403848
98	Unknown	RCP	Shrewsbury River (above Navesink River)	Stream/River	Shrewsbury River	40.36306027	-73.97685708
99	Outfall Pipe	Corrugated HDPE	Navesink R (below Rt 35)	Lake/Pond	Pomphrey Pond	40.37513727	-74.00421752
100	Outfall Pipe	Unknown	Navesink R (below Rt 35)	Stream/River	Navesink River	40.37555577	-73.98352685
101	Outfall Pipe	Concrete	Little Silver Creek/Town Neck Creek	Stream/River	Little Silver Creek Tributary	40.35325095	-74.02911861
102	Outfall Pipe	Concrete	Little Silver Creek/Town Neck Creek	Stream/River	Little Silver Creek	40.33954111	-74.02663919
103	Open Channel Outfall	Unknown	Little Silver Creek/Town Neck Creek	Stream/River	Little Silver Creek Tributary	40.34797224	-74.02780449
104	Outfall Pipe	Metal	Little Silver Creek/Town Neck Creek	Stream/River	Little Silver Creek Tributary	40.34812545	-74.0278389
105	Outfall Pipe	Concrete	Shrewsbury River (above Navesink River)	Unknown	Shrewsbury River Tributary	40.36002292	-74.00058498
106	Outfall Pipe	Unknown	Navesink R (below Rt 35)	Stream/River	Navesink River Tributary	40.3761179	-74.00276152
107	Outfall Pipe	Metal	Navesink R (below Rt 35)	Lake/Pond	Pomphrey Pond	40.37596878	-74.00285158

Subwatershed Inventory:

Navesink R (below Rt 35)	32
Shrewsbury River (above Navesink River)	48
Little Silver Creek/Town Neck Creek	27
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Interconnection Structure

OBJECTID	Connecting Feature ID	Type	Entering From Entity	Exiting To Entity	Owned By	Maintained By	Latitude	Longitude
1	sw_IN0006	Inlet	Monmouth County	Rumson Borough	Municipality	Municipality	40.37601302	-74.01067762
2	sw_IN00091	Inlet	Monmouth County	Rumson Borough	Municipality	Municipality	40.36908157	-73.99908673
3	sw_IN00099	Inlet	Monmouth County	Rumson Borough	Municipality	Municipality	40.36995037	-73.99466627
4	sw_IN00252	Inlet	Monmouth County	Rumson Borough	Municipality	Municipality	40.36898906	-73.99193316
5	sw_IN00257	Inlet	Monmouth County	Rumson Borough	Municipality	Municipality	40.36496084	-73.99067903
6	sw_IN00321	Inlet	Rumson Borough	Fair Haven Borough	Municipality	Municipality	40.36673369	-74.02516229
7	sw_IN00324	Inlet	Rumson Borough	Fair Haven Borough	Municipality	Municipality	40.36623483	-74.02467131
8	sw_IN00328	Inlet	Rumson Borough	Fair Haven Borough	Municipality	Municipality	40.36532793	-74.02379447
9	sw_IN00331	Inlet	Rumson Borough	Fair Haven Borough	Municipality	Municipality	40.36522371	-74.02369381
10	sw_IN00337	Inlet	Rumson Borough	Fair Haven Borough	Municipality	Municipality	40.36379163	-74.02230024
11	sw_IN00351	Inlet	Rumson Borough	Monmouth County	Municipality	Municipality	40.35225463	-74.0375115
12	sw_IN00353	Inlet	Rumson Borough	Borough of Little Silver	Municipality	Municipality	40.35215595	-74.03763876
13	sw_IN00379	Inlet	Monmouth County	Rumson Borough	Municipality	County	40.36745912	-74.0050231
14	sw_IN00381	Inlet	Monmouth County	Rumson Borough	Municipality	Municipality	40.34625827	-74.03286385
15	sw_IN00382	Inlet	Rumson Borough	Borough of Little Silver	Municipality	Municipality	40.3461814	-74.03300518
16	sw_IN00384	Inlet	Rumson Borough	Borough of Little Silver	Municipality	Municipality	40.34569399	-74.0325799
17	sw_IN00395	Inlet	Rumson Borough	Borough of Little Silver	Municipality	Municipality	40.34369332	-74.03081254
18	sw_IN00397	Inlet	Rumson Borough	Borough of Little Silver	Municipality	Municipality	40.34286592	-74.02997829
19	sw_IN00399	Inlet	Rumson Borough	Borough of Little Silver	Municipality	Municipality	40.34210527	-74.0292119
20	sw_IN00401	Inlet	Rumson Borough	Borough of Little Silver	Municipality	Municipality	40.34134414	-74.0284446
21	sw_IN00402	Inlet	Borough of Little Silver	Rumson Borough	Municipality	Municipality	40.34079795	-74.02775684
22	sw_MH00014	Manhole	Monmouth County	Rumson Borough	Municipality	Municipality	40.37647914	-74.01239336
23	sw_MH00040	Manhole	Fair Haven Borough	Rumson Borough	Municipality	Municipality	40.36340346	-74.02189263
24	sw_IN00021	Inlet	Rumson Borough	Monmouth County	Municipality	Municipality	40.37427147	-74.00861748
25	sw_IN00572	Inlet	Rumson Borough	Monmouth County	Municipality	Municipality	40.37138913	-74.00642112
27	sw_IN00109	Inlet	Monmouth County	Rumson Borough	Municipality	Municipality	40.3701145	-74.00413469
28	sw_IN00110	Inlet	Monmouth County	Rumson Borough	Municipality	Municipality	40.37001129	-74.00416771
29	sw_IN00377	Inlet	Rumson Borough	Monmouth County	Municipality	Municipality	40.36470607	-74.01151263
30	sw_IN00009	Inlet	Rumson Borough	Monmouth County	Municipality	Municipality	40.37582157	-74.01063729
31	sw_IN00554	Inlet	Rumson Borough	Monmouth County	Municipality	Municipality	40.37380604	-74.01543012
33	sw_IN00089	Inlet	Rumson Borough	Monmouth County	Municipality	Municipality	40.36914645	-73.9990114
34	sw_IN00095	Inlet	Rumson Borough	Monmouth County	Municipality	Municipality	40.36903695	-73.99423269
35	sw_IN00096	Inlet	Rumson Borough	Monmouth County	Municipality	Municipality	40.36898529	-73.99419
36	sw_IN00260	Inlet	Rumson Borough	Monmouth County	Municipality	Municipality	40.36747111	-73.99294808
37	sw_IN00608	Inlet	Rumson Borough	Monmouth County	Municipality	Municipality	40.36752314	-73.99298784
38	sw_IN00370	Inlet	Rumson Borough	Monmouth County	Municipality	Municipality	40.35543405	-74.01391778
39	sw_IN00430	Inlet	Monmouth County	Rumson Borough	Municipality	Municipality	40.35507694	-74.01353422

Interconnection Structure

OBJECTID	Connecting Feature ID	Type	Entering From Entity	Exiting To Entity	Owned By	Maintained By	Latitude	Longitude
40		Inlet	Rumson Borough	Monmouth County	Municipality	Municipality	40.35754911	-74.00916055
41	sw_IN00473	Inlet	Rumson Borough	Monmouth County	Municipality	Municipality	40.35748486	-74.00898022
42	sw_IN00475	Inlet	Monmouth County	Rumson Borough	Municipality	Municipality	40.35726083	-74.00893515
43	sw_IN00476	Inlet	Monmouth County	Rumson Borough	Municipality	Municipality	40.35723182	-74.00878201
44			Monmouth County	Rumson Borough	Municipality	Municipality	40.37497965	-74.01296445
45	sw_IN00052	Inlet	Rumson Borough	Monmouth County	Municipality	Municipality	40.37489602	-74.01292289
46	sw_IN00348	Inlet	Monmouth County	Rumson Borough	County	County		
47	sw_IN00349	Inlet	Monmouth County	Rumson Borough	County	County		
48	sw_IN00112	Inlet	Rumson Borough	Monmouth County	County	County	40.36942181	-74.00486031



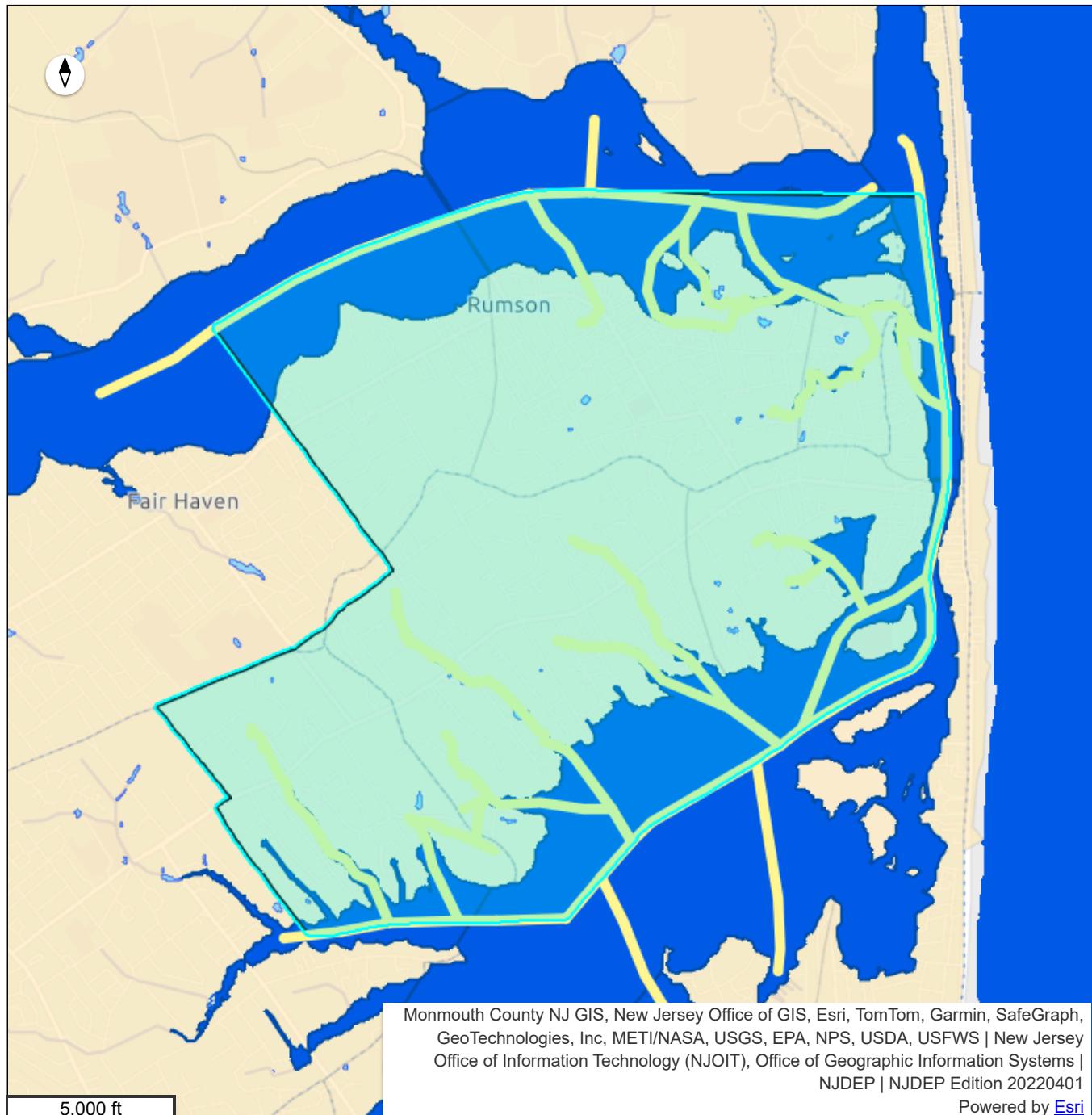
Appendix C:
NJ-WET Report
Dated November 5, 2025

Rumson: November 2025

Area of Interest (AOI) Information

Area:

Date: Wed Nov 05 2025 16:14:50 GMT-0500 (Eastern Standard Time)



Waterbody 2015 (NHD)

Lake/Pond Reservoir

Stream/River Spillway

 Canal/Ditch

Inundation Area

 Estuary Sea/Ocean

TMDL (Lakesheds)

TMDL (Streamsheds)

Polychlorinated Biphenyls (PCBs)

Total Phosphorus

Volatile Organic Compounds (VOCs)

Total Suspended Solids

TMDL (Streamsheds) Pre-2008

Fecal Coliform

Total Phosphorus

Municipality

TMDL (Shellfish) | Total count: 8

#	PARAMETER	OBJECTID	WR_Name
1	Total coliform	65	Atlantic Coast
2	Total coliform	170	Atlantic Coast
3	Total coliform	194	Atlantic Coast
4	Total coliform	202	Atlantic Coast
5	Total coliform	262	Atlantic Coast
6	Total coliform	326	Atlantic Coast
7	Total coliform	388	Atlantic Coast
8	Total coliform	442	Atlantic Coast

#	WMA	TMDL_Title	TMDL_Date
1	12	Five Total Maximum Daily Loads for Total Coliform to Address Shellfish-Impaired Waters in Watershed Management Area 12	2006
2	12	Five Total Maximum Daily Loads for Total Coliform to Address Shellfish-Impaired Waters in Watershed Management Area 12	2006
3	12	Five Total Maximum Daily Loads for Total Coliform to Address Shellfish-Impaired Waters in Watershed Management Area 12	2006
4	12	Five Total Maximum Daily Loads for Total Coliform to Address Shellfish-Impaired Waters in Watershed Management Area 12	2006
5	12	Five Total Maximum Daily Loads for Total Coliform to Address Shellfish-Impaired Waters in Watershed Management Area 12	2006
6	12	Five Total Maximum Daily Loads for Total Coliform to Address Shellfish-Impaired Waters in Watershed Management Area 12	2006
7	12	Five Total Maximum Daily Loads for Total Coliform to Address Shellfish-Impaired Waters in Watershed Management Area 12	2006
8	12	Five Total Maximum Daily Loads for Total Coliform to Address Shellfish-Impaired Waters in Watershed Management Area 12	2006

#	SITE_Name	TMDL_Group	NJDEPLink
1	Shrewsbury River (above Navesink River)	shrewsbury estuary-a, shrewsbury estuary-b, shrewsbury estuary-c	https://www.nj.gov/dep/wms/bears/docs/coastal_pathogen_tmdls_wma12%20for%20adoption.pdf
2	Navesink R (below Rt 35)/LowerShrewsbury	navesink estuary-a, shrewsbury estuary-a	https://www.nj.gov/dep/wms/bears/docs/coastal_pathogen_tmdls_wma12%20for%20adoption.pdf
3	Little Silver Creek / Town Neck Creek	shrewsbury estuary-a, shrewsbury estuary-b, shrewsbury estuary-c	https://www.nj.gov/dep/wms/bears/docs/coastal_pathogen_tmdls_wma12%20for%20adoption.pdf
4	Navesink R (below Rt 35)/LowerShrewsbury	navesink estuary-a, navesink estuary-b, shrewsbury estuary-a	https://www.nj.gov/dep/wms/bears/docs/coastal_pathogen_tmdls_wma12%20for%20adoption.pdf
5	Shrewsbury River (above Navesink River)	shrewsbury estuary-a, shrewsbury estuary-b	https://www.nj.gov/dep/wms/bears/docs/coastal_pathogen_tmdls_wma12%20for%20adoption.pdf
6	Shrewsbury River (above Navesink River)	shrewsbury estuary-a	https://www.nj.gov/dep/wms/bears/docs/coastal_pathogen_tmdls_wma12%20for%20adoption.pdf
7	Navesink R (below Rt 35)/LowerShrewsbury	shrewsbury estuary-a	https://www.nj.gov/dep/wms/bears/docs/coastal_pathogen_tmdls_wma12%20for%20adoption.pdf
8	Navesink R (below Rt 35)/LowerShrewsbury	shrewsbury estuary-a	https://www.nj.gov/dep/wms/bears/docs/coastal_pathogen_tmdls_wma12%20for%20adoption.pdf

#	Status	EPALink	EPA_Num
1	Adopted	https://ofmpub.epa.gov/waters10/attains_impaired_waters.show_tmdl_document?p_tmdl_doc_blobs_id=74592	31,394.00
2	Adopted	https://ofmpub.epa.gov/waters10/attains_impaired_waters.show_tmdl_document?p_tmdl_doc_blobs_id=74592	0.00
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4	Adopted	https://ofmpub.epa.gov/waters10/attains_impaired_waters.show_tmdl_document?p_tmdl_doc_blobs_id=74592	31,392.00
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7	Adopted	https://ofmpub.epa.gov/waters10/attains_impaired_waters.show_tmdl_document?p_tmdl_doc_blobs_id=74592	0.00
8	Adopted	https://ofmpub.epa.gov/waters10/attains_impaired_waters.show_tmdl_document?p_tmdl_doc_blobs_id=74592	0.00

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3	0.00	0.00	0.00
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7	0.00	0.00	0.00
8	0.00	0.00	0.00

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2	0.00	{4F95C67C-2107-47EE-8BDE-273F610BEC75}	64,423.31	157,451,911.77
3	0.00	{72043FA7-ADB3-4B5B-B348-D19589BF263D}	51,944.89	143,952,795.19
4	0.00	{11512D91-1331-438B-8E07-BD0E43A55608}	85,432.40	322,968,370.38
5	0.00	{A4A6D598-4174-458C-9915-7964FA53502A}	37,801.66	58,410,784.33
6	0.00	{3276E59E-B533-4900-B119-7D194D1091C0}	11,193.90	6,619,425.72
7	0.00	{FA6DA13D-CD65-4CEF-A6B0-F6BF4562D780}	18,975.53	12,307,411.35
8	0.00	{6CF69D14-6C1F-4463-8B9A-59C1A4D4E709}	30,475.31	32,991,856.10

Watersheds (DEPHUC14) | Total count: 4

#	SUB-WATERSHED NAME	OBJECTID	HYDROLOGIC UNIT CODE (4 DIGIT)
1	Little Silver Creek / Town Neck Creek	277	0203
2	Navesink R (below Rt 35)/LowerShrewsbury	570	0203
3	Navesink R mouth	760	0203
4	Shrewsbury River (above Navesink River)	661	0203

#	HYDROLOGIC UNIT CODE (6 DIGIT)	HYDROLOGIC UNIT DOE (8 DIGIT)	HYDROLOGIC UNIT CODE (11 DIGIT)
1	020301	02030104	02030104080
2	020301	02030104	02030104070
3	020301	02030104	02030104070
4	020301	02030104	02030104080

#	HYDROLOGIC UNIT CODE (14 DIGIT)	WATERSHED MANAGEMENT AREA NO.	WATERSHED MANAGEMENT AREA NAME
1	02030104080010	12	Monmouth
2	02030104070110	12	Monmouth
3	02030104070120	12	Monmouth
4	02030104080040	12	Monmouth

#	WATER REGION NO.	WATER REGION NAME	SUB-WATERSHED ID
1	3	Atlantic Coast	12CA01
2	3	Atlantic Coast	12BA11
3	3	Atlantic Coast	12BA12
4	3	Atlantic Coast	12CA04

#	D_SWID	WATERSHED ID	WATERSHED NAME
1	12CA04	12CA	Shrewsbury River (above Navesink River)
2	12BA12	12BA	Navesink River / Lower Shrewsbury River
3	12FA02	12BA	Navesink River / Lower Shrewsbury River
4	12BA11	12CA	Shrewsbury River (above Navesink River)

#	D_WID	SWIDE2	WIDE2
1	12BA	01	CA
2	12FA	11	BA
3	12FA	12	BA
4	12BA	04	CA

#	ACRES	HUC12	SHAPE_Length	SHAPE_Area
1	3,304.70	020301040304	51,944.90	143,952,794.00
2	11,292.45	020301040303	113,563.98	491,899,314.09
3	833.17	020301040304	29,803.91	36,293,085.68
4	4,202.95	020301040304	73,525.78	183,080,521.27

Surface Water Quality Classifications | Total count: 142

#	NAMECK	OBJECTID	SITUATION
1	Shrewsbury Creek UNT	264763	1
2	Shrewsbury Creek UNT	264765	3
3	Shrewsbury Creek UNT	264766	1
4	Shrewsbury Creek UNT	264770	2
5	Shrewsbury Creek UNT	265194	2
6	Shrewsbury Creek UNT	265196	1
7	Shrewsbury Creek UNT	265198	3
8	Shrewsbury Creek UNT	265204	1
9	Shrewsbury Creek UNT	265373	1
10	Shrewsbury Creek UNT	265379	3
11	Shrewsbury Creek UNT	265799	1
12	Shrewsbury Creek UNT	265811	1
13	Shrewsbury Creek UNT	265812	1
14	Shrewsbury Creek UNT	265814	3
15	Shrewsbury Creek UNT	265821	1
16	Shrewsbury Creek UNT	265824	3
17	Shrewsbury Creek UNT	265979	1
18	Shrewsbury Creek UNT	265993	2
19	Shrewsbury Creek UNT	266002	1
20	Shrewsbury Creek UNT	266623	2
21	Shrewsbury Creek UNT	266624	1
22	Shrewsbury Creek UNT	266625	3
23	Shrewsbury Creek UNT	266626	1
24	Shrewsbury Creek UNT	266631	2
25	Shrewsbury Creek UNT	266632	1
26	Shrewsbury Creek UNT	266633	3
27	Shrewsbury Creek UNT	266634	1
28	Shrewsbury Creek UNT	268639	1
29	Shrewsbury Creek UNT	269116	3
30	Shrewsbury Creek UNT	269117	1
31	Shrewsbury Creek UNT	269118	3
32	Shrewsbury Creek UNT	269120	1
33	Shrewsbury Creek UNT	269214	2
34	Shrewsbury Creek UNT	269215	2
35	Shrewsbury Creek UNT	269216	2
36	Shrewsbury Creek UNT	269223	2
37	Shrewsbury River	263529	2
38	Shrewsbury River	263530	2
39	Shrewsbury River	264130	2
40	Shrewsbury River	264760	3
41	Shrewsbury River	264761	1
42	Shrewsbury River	264762	2
43	Shrewsbury River	265062	2
44	Shrewsbury River	265182	2

45	Shrewsbury River	265183	2
46	Shrewsbury River	265351	2
47	Shrewsbury River	265370	2
48	Shrewsbury River	265371	2
49	Shrewsbury River	265372	1
50	Shrewsbury River	265377	3
51	Shrewsbury River	265378	1
52	Shrewsbury River	265384	2
53	Shrewsbury River	265390	2
54	Shrewsbury River	265391	2
55	Shrewsbury River	265399	2
56	Shrewsbury River	265400	2
57	Shrewsbury River	265800	2
58	Shrewsbury River	265801	2
59	Shrewsbury River	267989	2
60	Shrewsbury River	267990	2
61	Shrewsbury River	268620	2
62	Shrewsbury River	269113	2
63	Shrewsbury River	269115	2
64	Shrewsbury River	269212	2
65	Shrewsbury River	269213	2
66	Shrewsbury River	269244	2
67	Shrewsbury River	271160	2
68	Navesink River	262206	2
69	Navesink River	262329	2
70	Navesink River	262878	2
71	Navesink River	262917	2
72	Navesink River	263518	2
73	Navesink River	263519	2
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77	Navesink River	263531	2
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82	Navesink River	265253	2
83	Navesink River	265256	2
84	Navesink River	265261	2
85	Navesink River	265262	2
86	Navesink River	265837	2
87	Navesink River	268481	2
88	Navesink River	268487	2
89	Navesink River	268501	2
90	Navesink River	270619	2

91	Navesink River	272132	2
92	Navesink River	272133	1
93	Navesink River	272134	3
94	Navesink River	272135	2
95	Navesink River	282517	2
96	Navesink River	282520	1
97	Shrewsbury River UNT	263491	3
98	Shrewsbury River UNT	263494	1
99	Shrewsbury River UNT	265190	2
100	Shrewsbury River UNT	265192	3
101	Shrewsbury River UNT	265202	1
102	Shrewsbury River UNT	265396	1
103	Shrewsbury River UNT	266010	2
104	Shrewsbury River UNT	266616	1
105	Shrewsbury River UNT	266620	2
106	Shrewsbury River UNT	266621	3
107	Shrewsbury River UNT	266622	1
108	Shrewsbury River UNT	266639	3
109	Shrewsbury River UNT	267341	2
110	Shrewsbury River UNT	267342	1
111	Shrewsbury River UNT	267347	3
112	Shrewsbury River UNT	267350	1
113	Shrewsbury River UNT	267968	1
114	Shrewsbury River UNT	267974	3
115	Shrewsbury River UNT	267975	2
116	Shrewsbury River UNT	267976	1
117	Shrewsbury River UNT	268635	2
118	Shrewsbury River UNT	268636	3
119	Shrewsbury River UNT	268638	1
120	Shrewsbury River UNT	269110	1
121	Shrewsbury River UNT	283315	1
122	Shrewsbury River UNT	283317	3
123	Little Silver Creek	265513	2
124	Little Silver Creek	265514	2
125	Little Silver Creek	269837	2
126	Little Silver Creek	269838	2
127	Little Silver Creek	269839	2
128	Little Silver Creek	269845	2
129	Little Silver Creek	269846	2
130	Little Silver Creek UNT	265394	1
131	Little Silver Creek UNT	265397	3
132	Little Silver Creek UNT	265401	1
133	Little Silver Creek UNT	265971	3
134	Little Silver Creek UNT	266640	1
135	Little Silver Creek UNT	283311	3
136	Little Silver Creek UNT	283320	1

137	Navesink River UNT	262914	3
138	Navesink River UNT	263514	2
139	Navesink River UNT	263516	1
140	Navesink River UNT	265258	1
141	Branchport Creek	269085	2
142	Palmers Lake	267995	2

#	CATEGORY	REFER	FISHGAMENM	SHAPE_Length	Effective Date
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7	FW2-NT/SE1	No data	No data	94.05	No data
8	FW2-NT/SE1	No data	No data	112.04	No data
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11	FW2-NT/SE1	No data	No data	452.91	No data
12	FW2-NT/SE1	No data	No data	151.67	No data
13	FW2-NT/SE1	No data	No data	17.47	No data
14	FW2-NT/SE1	No data	No data	16.65	No data
15	FW2-NT/SE1	No data	No data	630.08	No data
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17	FW2-NT/SE1	No data	No data	135.51	No data
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20	FW2-NT/SE1	No data	No data	231.68	No data
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24	FW2-NT/SE1	No data	No data	239.20	No data
25	FW2-NT/SE1	No data	No data	289.90	No data
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27	FW2-NT/SE1	No data	No data	255.32	No data
28	FW2-NT/SE1	No data	No data	768.42	No data
29	FW2-NT/SE1	No data	No data	24.48	No data
30	FW2-NT/SE1	No data	No data	23.57	No data
31	FW2-NT/SE1	No data	No data	24.15	No data
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35	FW2-NT/SE1	No data	No data	718.00	No data
36	FW2-NT/SE1	No data	No data	460.84	No data
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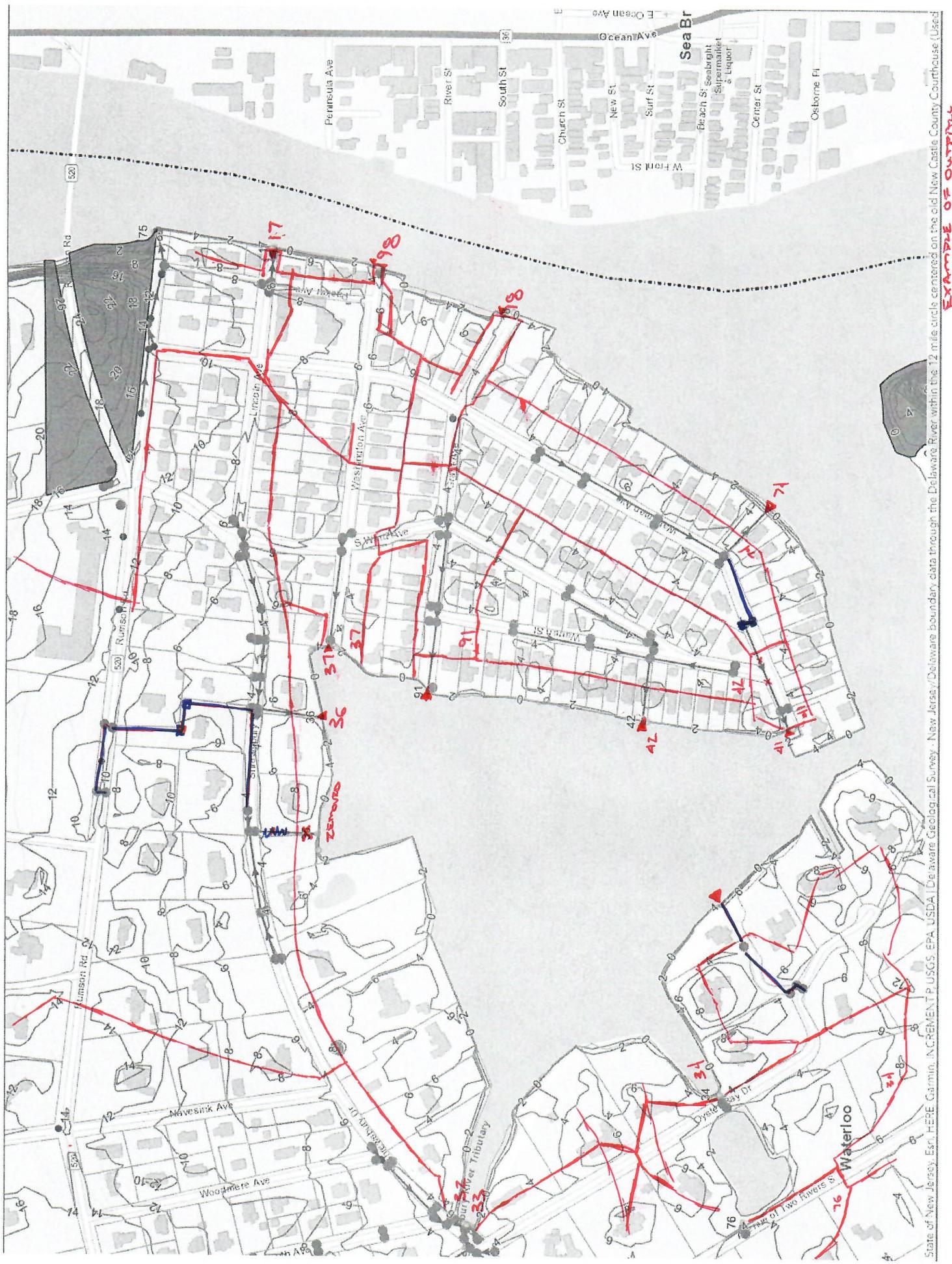
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96	SE1C1	758	No data	11.13	No data
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138	FW2-NT/SE1	<i>No data</i>	<i>No data</i>	290.62	<i>No data</i>
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140	FW2-NT/SE1	<i>No data</i>	<i>No data</i>	735.69	<i>No data</i>
141	SE1C1	145	<i>No data</i>	3,371.30	<i>No data</i>
142	FW2-NT/SE1	<i>No data</i>	<i>No data</i>	1,204.92	<i>No data</i>



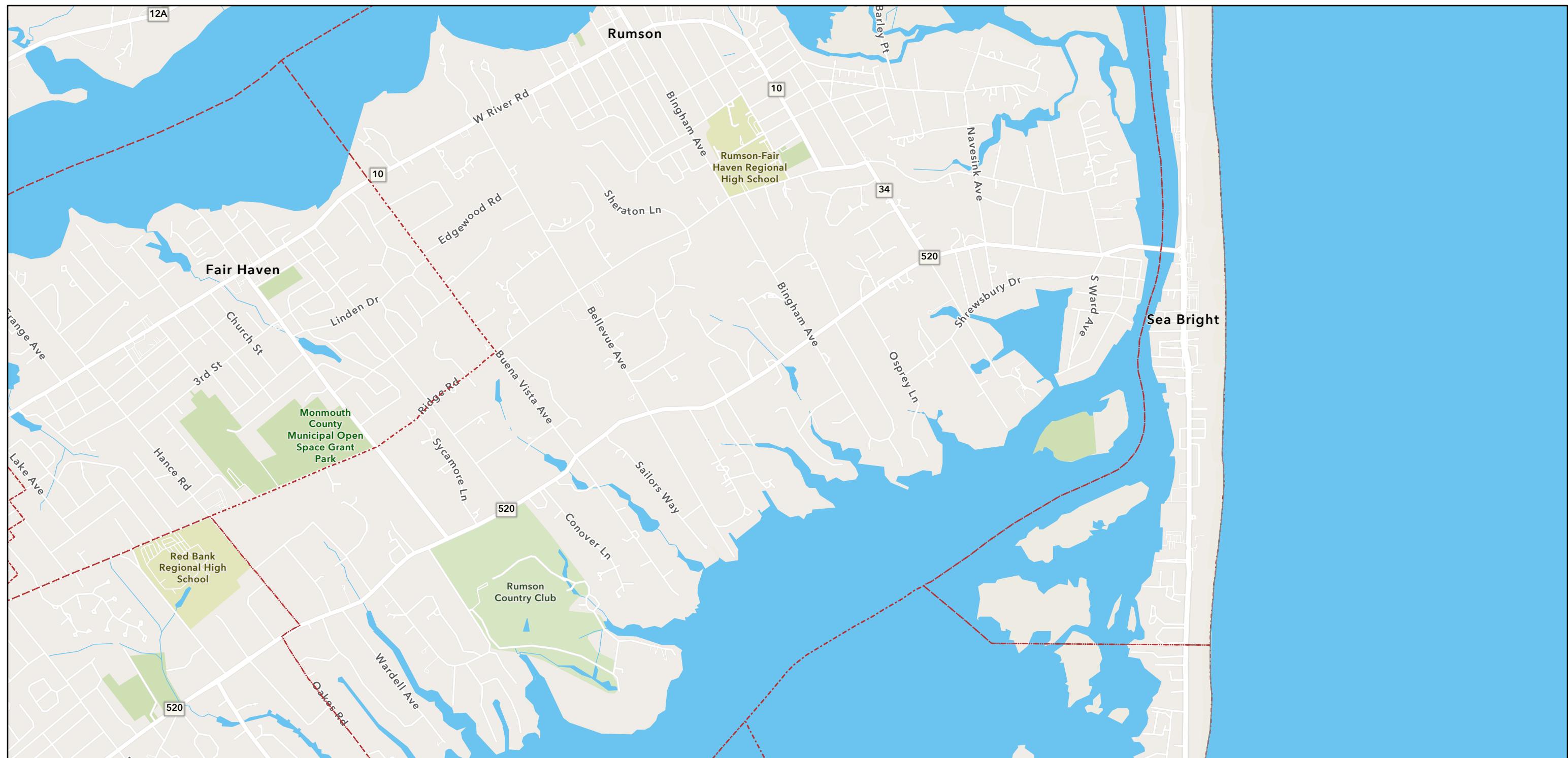
Appendix D: Outfall Drainage Area Maps





Appendix E:
Overburdened Community Map

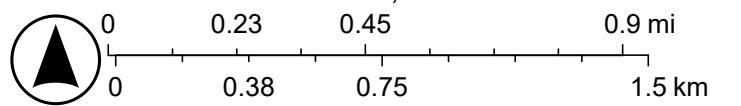
ArcGIS Web Map



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- Counties
- Municipalities

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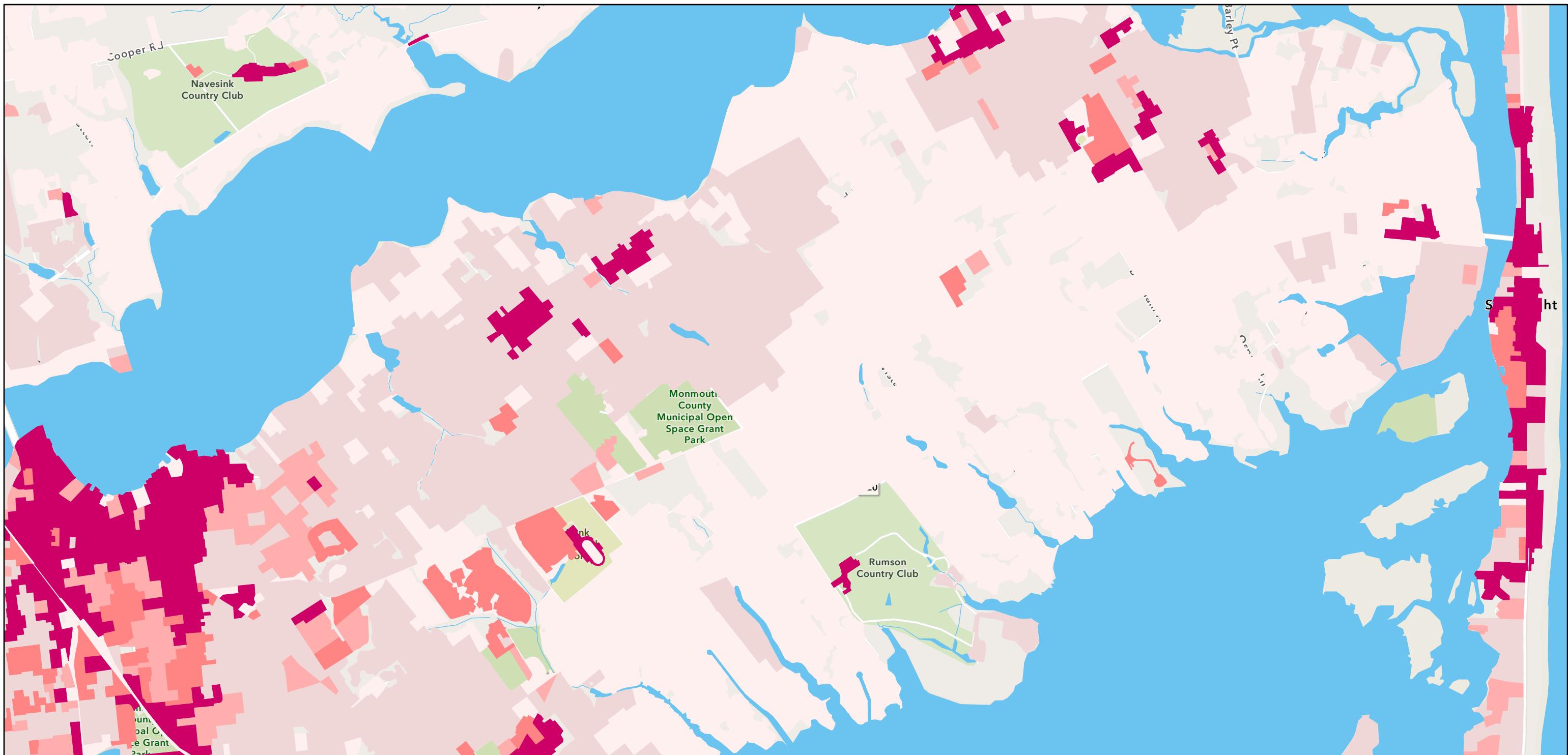


Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community



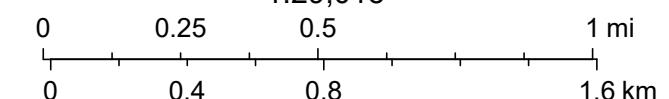
Appendix F: Impervious Coverage Map

Borough of Rumson - Impervious Area Mapping



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1:29,015



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community