



Municipality of Princeton
Department of Community Development
Office of Planning
Princeton Municipal Building
400 Witherspoon Street
5366

609-924-

MEMORANDUM

TO: Robert Bruschi, Administrator

FROM: Lee Solow, Director of Planning

DATE: April 18, 2013
Revised May 6, 2013

SUBJECT: Mercer County Wastewater Management Plan

Mercer County has prepared an amendment to the Mercer County Wastewater Management Plan. The Wastewater Management Plan depicts those areas that will be served by public sewers and those areas to be served by individual subsurface sewage disposal systems. Attached are two maps depicting the existing sewer service area and the proposed sewer service area. The County has requested that each municipality in Mercer County adopt the attached resolution consenting to the proposed amendment. The entire plan can be found on the Mercer County Planning Division website www.nj.gov/counties/mercer/departments/planning/wastewater.html.

Staff and the Planning Board have reviewed the plan and maps and are in general agreement with the plan with the exceptions noted below. Staff suggests that the Council review the Planning Board comments and append to the attached resolution any comments Council believe are appropriate.

A number of parks were left out of the sewer service area. While development is not anticipated on these lands many of them currently have restroom facilities and others may install rest room facilities in the future. The following parks should be included in the sewer service area.

Block	Lot	Street	Comment
4302	2	Bunn Drive	Hilltop Park has restroom facilities
8301	1.07	Rosedale Road	Greenway Meadows has restroom facilities
2901	7	Herrontown Road	Veblen House if rehabilitated may need restroom facilities
35.01	4	Lovers Lane	Marquand Park future restroom facilities
52.01	97	Harrison Street	Harrison Street Park future restroom facilities
27.02	76	Witherspoon Street	Hinds Plaza and Parking garage should be in sewer area
34.01	17	Spruce Street	Quarry Park future restroom facilities
32.08	150	Tee-Ar Place	Potts Park future restroom facilities

The following properties are served by sewers and should be included in the sewer service area.

Block	Lot	Street	Comment
8601	6 & 7	Rosedale Lane	Two single family homes
10301	16	Quaker Road	Friends School served by sewers

It is not clear why the following properties are not included in the sewer service area

Block	Lot	Street	Comment
11201	1	Olden Lane	IAS property should follow lot line
1503	4	River Road	Very small piece appears to be left out

On page three of the Princeton Chapter under existing infrastructure the report should be amended to reflect the fact that Princeton has nine pumping stations.

Cc: R. Kiser, Municipal Engineer
R. Hough, Director of Infrastructure
J. West, Municipal Land Use Engineer
L. McDermott, Municipal Clerk

ATTACHMENT
STATEMENT OF CONSENT

A RESOLUTION CONSENTING TO THE PROPOSED WATER
QUALITY MANAGEMENT (WQM) PLAN AMENDMENT
ENTITLED: WASTEWATER MANAGEMENT PLAN FOR MERCER COUNTY, NEW
JERSEY, MARCH 2013

WHEREAS, the Princeton Council desires to plan for the orderly development of wastewater facilities within Princeton; and

WHEREAS, the New Jersey Department of Environmental Protection (NJDEP) requires that proposed wastewater treatment and conveyance facilities and wastewater treatment service areas, as well as related subjects, be in conformance with an approved WQM plan; and

WHEREAS, the NJDEP has established the WQM plan amendment procedure as the method of incorporating unplanned facilities into a WQM plan; and

WHEREAS, a proposed WQM plan amendment noticed in the New Jersey Register on March 4, 2013 that proposes a Wastewater Management Plan (WMP) for Mercer County prepared by Mercer County with its consultants CDM Smith;

NOW, THEREFORE, BE IT RESOLVED on this _____ day of April, 2013, by the governing body of Princeton that:

1. The Princeton Council hereby consents to the amendment entitled proposed amendment to the Mercer County Water Quality Management Plan, and publicly noticed on March 4, 2013, prepared by Mercer County with its consultants CDM Smith, for the purpose of its incorporation into the applicable WQM plan(s) with the attached amendments.
2. This consent shall be submitted to the NJDEP in accordance with N.J.A.C. 7:15-3.4.

I do hereby certify that the foregoing is a true copy of a Resolution passed by _____ at a meeting duly held on _____.

Amendments to the Proposed Wastewater Management Plan

The following parks should be included in the sewer service area.

Block	Lot	Street	Comment
4302	2	Bunn Drive	Hilltop Park has restroom facilities
8301	1.07	Rosedale Road	Greenway Meadows has restroom facilities
2901	7	Herrontown Road	Veblen House if rehabilitated may need restroom facilities
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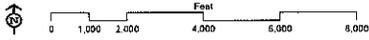
The following properties are served by sewers and should be included in the sewer service area.

Block	Lot	Street	Comment
8601	6 & 7	Rosedale Lane	Two single family homes
10301	16	Quaker Road	Friends School served by sewers

Lot lines should be followed to the extent practical and the following properties should be included.

Block	Lot	Street	Comment
11201	1	Olden Lane	IAS property should follow lot line
1503	4	River Road	Very small piece appears to be left out

Page three of the Princeton Chapter under existing infrastructure should be amended to reflect the fact that Princeton has nine pumping stations.



NJPDES	DSW Facility Name	Flow (MGD)
NJ0031119	STONY BROOK RSA - RIVER ROAD STP	13.06

Princeton

Map 3M: Future Wastewater Facilities and Sewer Area

June 2012. Revised: February 27, 2013

Mercer County

Future Parcel Served by Sewer

Facility Name, NJPDES

SBRSA River Road STP, NJ0031119

Base Mapping

Septic Area - Areas to be Served by Individual Subsurface Sewage Disposal Systems with Planning Flows 2000 GPD or less (ISSDS)

WWTP

HUC11 Boundary

Inter-State Highway

Toll Highway

State Highway

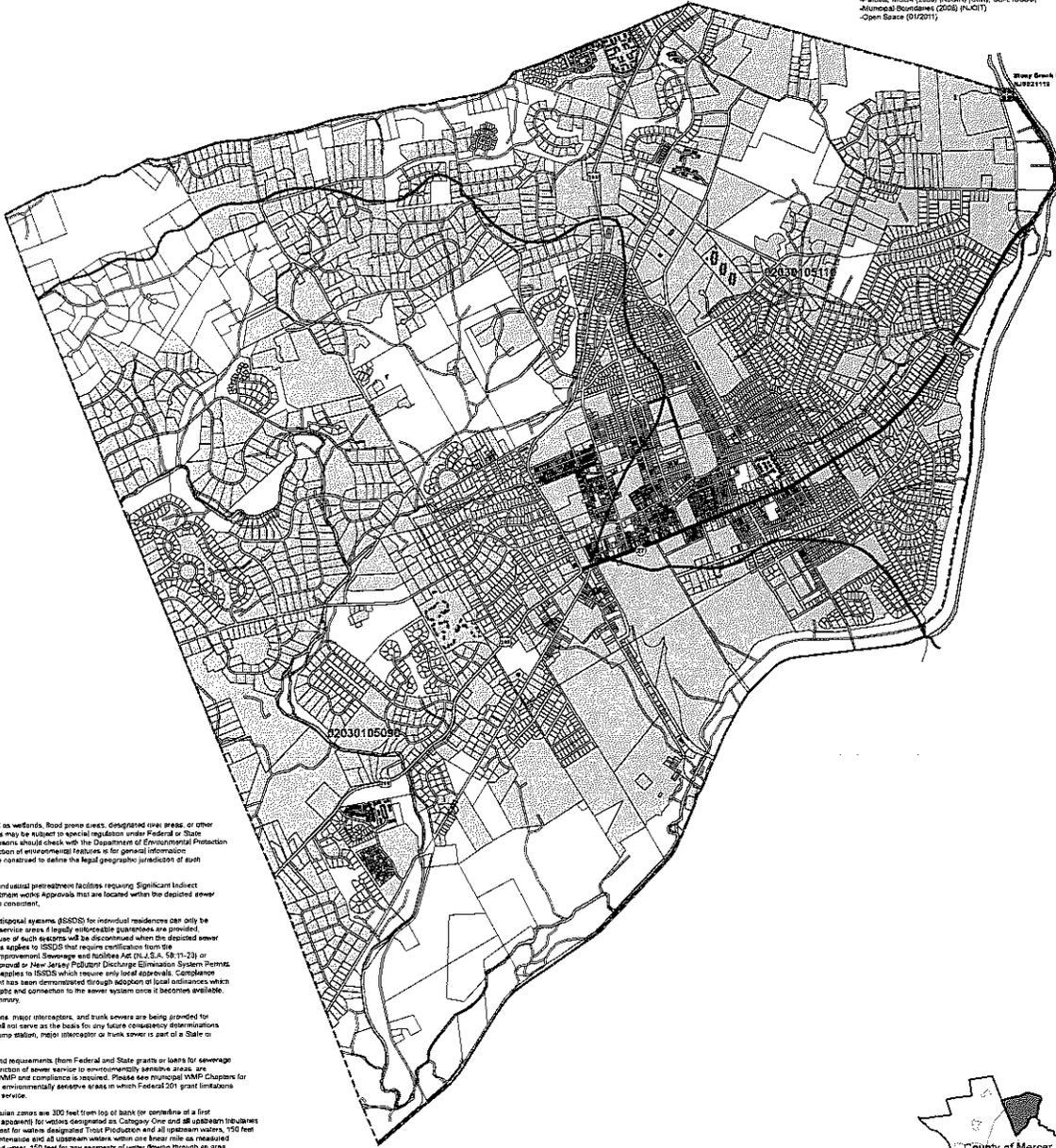
US Highway

River/Stream

Data Sources:
 NJ Department of Environmental Protection
 -NJPDES Surface Water Discharges (2008) (DSW, WWTP)
 -NJPDES Regulated Discharge to Groundwater Facility (2007) (DDW)
 -Hydrologic Features (2008)
 -HUC11 (2008)

NJ Department of Transportation
 -Road Network and Names (2007)

Mercer County
 -Parcels, MCOA (2008) (NJUNO) (SWIN, SSA, ISSDS)
 -Municipal Boundaries (2008) (M-CIT)
 -Open Base (01/2011)



NJDEP Required Notes

Development in areas zoned as wetlands, flood-prone areas, designated river areas, or other environmentally sensitive areas may be subject to special regulation under Federal or State statutes or rules. Interested persons should check with the Department of Environmental Protection for the latest information. Duplication of environmental features is for general information purposes only, and shall not be construed to define the legal geographic jurisdiction of such statutes or rules.

All existing, new or expanded individual permittees facilities requiring Significant Indirect user (SIU) permits shall Treatment works Approvals that are located within the depicted sewer service area, are deemed to be consistent.

Individual subsurface sewage disposal systems (ISSDS) for individual residences can only be constructed in designated sewer service areas if legally enforceable guarantees are provided before such construction, that use of such systems will be discontinued when the depicted sewer service becomes available. The applicant to ISSDS that require notification from the Department under the (Dedicated Improvement Sewerage and Facilities Act (D.I.S.F.A. 18-17-23) or individual Treatment Works Approved or New Jersey Pollution Discharge Elimination System Permits (under N.J.A.C. 7.14A). It also applies to ISSDS which require only local approvals. Compliance with the connection requirement has been demonstrated through adoption of local ordinances which require abandonment of the septic and connection to the sewer system once it becomes available. See Appendix F of County Summary.

Locations of future pump stations, major interceptors, and trunk sewers are being provided for general information only and will not serve as the basis for any future consistency determinations or permit reviews unless the pump station, major interceptor or trunk sewer is part of a State or Federally funded project.

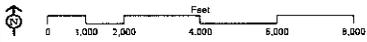
Pre-existing grant conditions and requirements (from Federal and State grants or loans for sewerage facilities) which provide for restriction of sewer service to environmentally sensitive areas, are unaffected by adoption of the WMP and compliance is required. Please see Municipal WMP Chapters for the existence of any applicable environmentally sensitive areas in which Federal 201 grant limitations prohibit the extension of sewer service.

Pursuant to N.J.A.C. 7.10, Riparian zones are 300 feet from top of bank for portions of a first order stream where no bank is apparent) for waters designated as Category One and all upstream tributaries within the same HUC-14, 150 feet for waters designated Trout Production and all upstream waters, 150 feet for water designated Trout Maintenance and all upstream waters within one-half mile as measured along the length of the regulated water, 150 feet for any segments of water flowing through an area that contains documented habitat for a threatened or endangered species of plant or animal, which is critically dependent on the surface water body for survival, and all upstream waters (including tributaries) within one-half mile as measured along the length of the surface water body, 150 feet for waters that run through aquatic life zones, and 50 feet for all waters not designated as C1, trout waters, critically water dependent Threatened and/or Endangered Species Habitat, or associated with any lake.

Surface waters that are designated Category One are listed in the Surface Water Quality Standards at N.J.A.C. 7.10. The Department's Surface Water Quality Standards' GIS data layer was utilized to determine these waters. The applicable 300 feet buffer has been applied to those watersways and removed from the proposed sewer service areas on the mapping. Lesser width buffers have not been graphically removed from the sewer service area but are not proposed for sewer service. Jurisdictional determinations by the Department will be utilized to determine the extent of the sewer service area on individual lots.

Further compliance with the riparian zone standard has been demonstrated by the adoption of local ordinances in compliance with all or part of the Flood Hazard Control Act Rules (N.J.A.C. 7.13) and Water Quality Management Rules (N.J.A.C. 7.15). See Appendix F of the County Summary.





Princeton

Map 2M: Existing Wastewater and Sewer Area

June 2012, Revised February 5, 2013

Mercer County

NJPDES	DSW Facility Name	Flow (MGD)
NJ0031119	STONY BROOK RSA - RIVER ROAD STP	13.06

Existing Parcel Served by Sewer

Facility Name, NJPDES

SBRSA River Road STP, NJ0031119

Base Mapping

Septic Area - Areas to be Served by Individual Subsurface Sewage Disposal Systems with Planning Flows 2000 GPD or less (ISSDS)

WWTP

Sewer Pipe

Inter-State Highway

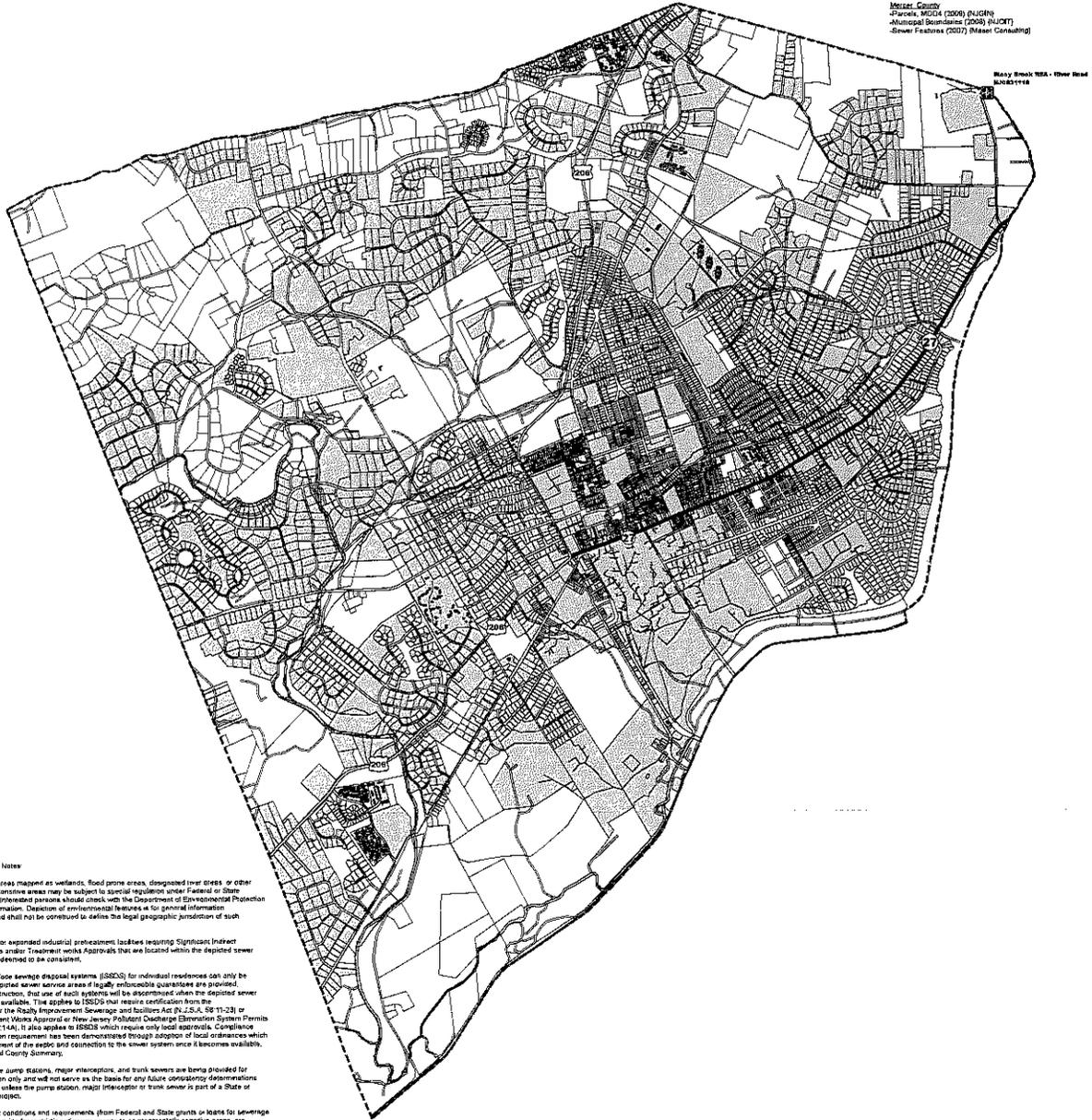
Toll Highway

State Highway

US Highway

River/Stream

Date Sources:
 NJ Department of Environmental Protection
 NJPDES Surface Water Discharges (2009) (DSB000070)
 NJPDES Regulated Discharge to Groundwater Facility (2007) (DSW-Hydrologic Features (2009))
 NJ Department of Transportation
 Road Network and Names (2007)
 Mercer County
 Parcel, MCOA (2008) (NJGEM)
 Municipal Boundaries (2008) (NJMCT)
 Sewer Features (2007) (Water Consulting)



NJDEP Required Notes

Development of areas mapped as wetlands, flood prone areas, designated river streams or other environmentally sensitive areas may be subject to special regulation under Federal or State statutes or rules. Interested persons should check with the Department of Environmental Protection for the latest information. Discussion of environmental features is for general information purposes only, and shall not be construed to define the legal geographic jurisdiction of such statutes or rules.

All existing, new or expanded industrial pretreatment facilities requiring Significant Inflow user (SIL) permits and/or Treatment Works Approvals that are located within the depicted sewer service area, are deemed to be consistent.

Individual subsurface sewage disposal systems (ISSDS) for individual residences can only be constructed in designated sewer service areas if legally enforceable guarantees are provided before such construction, that use of such systems will be discontinued when the depicted sewer service becomes available. This applies to ISSDS that require certification from the Department under the Ready-to-Install Sewerage and Sanitation Act (P.L. 86-11-23) or individual Treatment Works Approval or New Jersey Pollutant Discharge Elimination System Permits (under N.J.A.C. 7:14A). It also applies to ISSDS which require only local approvals. Compliance with the connection requirements has been demonstrated through adoption of local ordinances which require abandonment of the septic and connection to the sewer system once it becomes available. See Appendix F of County Summary.

Locations of future pump stations, major interceptors, and trunk sewers are being provided for general information only and will not serve as the basis for any future consistency determinations or permit reviews unless the permit station, major interceptor or trunk sewer is part of a State or Federally funded project.

Preexisting grant conditions and requirements (from Federal and State grants or loans for sewerage facilities) which provide for restriction of sewer service to environmentally sensitive areas, are unaffected by adoption of this WMP and compliance is required. Please see Municipal WMP Chapter, for the existence of any applicable environmentally sensitive areas in which Federal 201 grant limitations prohibit the extension of sewer service.

Pursuant to N.J.A.C. 7:15, Riparian zones are 300 feet from top of bank (or crestline of a first order stream where no bank is apparent) for waters designated as Category One and all upstream tributaries within the same HUC 14, 150 feet for waters designated Trout Production and all upstream waters; 150 feet for water designated Fair Maintenance and all upstream waters which are lesser mile as measured along the length of the regulated water; 150 feet for any segments of water flowing through an area that contains documented habitat for a threatened or endangered species of plant or animal, which is crucially dependent on the surface water body for survival, and all upstream waters (including tributaries) within one linear mile as measured along the length of the surface water body; 150 feet for waters that run through rock-producing beds, and 50 feet for all waters not designated as C1, first waters, critically water dependent Threatened and/or Endangered Species Habitat, or associated with said beds.

Surface waters that are designated Category One are listed in the Surface Water Quality Standards in N.J.A.C. 7:16. The Department's Surface Water Quality Standards' (SWQS) data layer was utilized to determine these waters. The applicable 300 foot buffer has been applied to these waters and removed from the proposed sewer service areas on the mapping. Lesser width buffers have not been graphically removed from the sewer service area but are not proposed for sewer service. Jurisdictional determinations by the Department will be utilized to determine the extent of the sewer service area on individual lots.

Further compliance with the riparian zone standard has been demonstrated by the adoption of local ordinances in compliance with all or part of the Flood Hazard Control Act Rules (NJAC 7:13) and Water Quality Management Rules (NJAC 7:15). See Appendix F of the County Summary.

