

Wastewater Management Plan
for
Mercer County, New Jersey
Amending the
Mercer County Areawide Water Quality Management Plan
Watershed Management Areas 10, 11, and 20



Volume 1 - Environmental Analysis and Assessment

Prepared for the

| *Mercer County Planning Board*

By

| CDM Smith and the
| *Mercer County Planning Division*

Date of Current Submittal

| *October 2013*

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Environmental Analysis and Assessment

This document has been prepared to comply with N.J.A.C. 7:15-5.25. This portion of the WMP regulations indicates that an application for the approval of a wastewater management plan or wastewater management plan update must include an environmental analysis or assessment (EAA). The following sections detail the requirements of the EAA by topic.

Environmental Build-out

The environmental build-out analysis for Mercer County was developed for non-urbanized municipalities on a HUC11, municipal, and sewer service area level.

The environmental build-out was performed for undevelopable areas. Environmental build-out was calculated for undeveloped and underdeveloped areas in Mercer County.

Sewer Service Areas

Within the Future Sewer Service Area, the development potential was calculated using Community Viz software. This software is discussed in Section V of Volume 1 – County Summary. Where TWA's or General Development Plans were identified for specific parcels, the associated flows were used to assign future development. For non-urbanized municipalities, underlying zoning was used to calculate development potential. For urbanized municipalities, build-out was calculated by multiplying the incremental population increase by 75 gpd/capita, and incremental employment increase by 25 gpd/employee. A summary of the measures used to calculate the equivalent future flow is included in Table 1 below.

Table 1 - Summary of Build-out Calculations

Facility	Facility NJPDES Permit #	Municipality	Commercial Build-out (mil SF)	Commercial Build-out (mil SF)	Residential Build-out (homes)	Residential Build-out (homes)
Trenton Sewer Utility	NJ0020923	City of Trenton	0.5 ¹	0.5	1,157	1,157 ¹
ELSA	NJ0024759	Ewing Township	32.0	42.9	1,409	2,695
		Hopewell Township	5.4		273	
		Lawrence Township	5.5		1,013	
SBRSA – River Road STP	NJ0031119	Princeton Borough	0.1 ²	16.2	693 ²	3,857
		Princeton Township	3.1		1,279	
		West Windsor Township	13.0		1,885	
SBRSA – Pennington STP	NJ0035319	Pennington Borough ³	0.4	0.6	247	294
		Hopewell Township	0.2		47	
SBRSA-Hopewell STP	NJ0035301	Hopewell Borough	0.2	0.2	42	56
		Hopewell Township	0.0		14	
Hamilton WPCF	NJ0026301	Hamilton Township	8.7	18.1	1,577	2,820
		West Windsor Township	0.7		22	
		Robbinsville Township	8.7		1,221	
Hightstown AWWTP	NJ0029475	Hightstown Borough	0.01	0.01	34	34

¹ Equivalent values based on projected increase in population of 4,626 persons at 75 gpcd, and employment increase of 1,961 persons at 25/gpd/employee.

² Equivalent values based on projected increase in population of 2,770 persons at 75 gpcd, and employment increase of 398 persons at 25/gpd/employee.

³ From Pennington WMP.

⁴ Equivalent values based on projected increase in population of 134 persons at 75 gpcd, and employment increase of 42 persons at 25/gpd/employee.

Note: mil SF = million square feet of commercial space

Below is a summary of population and employment increases for the three urban municipalities in Mercer County.

Table 2 - Population and Employment Projections

Urban Municipality	20-year Projected Incremental Residential Population Increase*	20-year Projected Incremental Employment Increase*
Pennington Borough	740	1,400**
City of Trenton	4,626	1,961
Hightstown Borough	134	42

*For the period 2010 – 2030. Data taken from Analytical Data Report - “Regional, County, and Municipal Population and Employment Forecasts, 2005-2035”, No. 14, by DVRPC dated August 2007. Current population obtained from 2010 US Census.

**Employment in Pennington Borough was estimated based on flow values taken from the Adopted WMP for the Borough of Pennington.

Septic Service Areas

Within the Septic Areas, the development potential was calculated with a GIS analysis of undeveloped and underdeveloped areas using soil type consistent with NJDEP’s Nitrate Dilution Model (NDM). This is described in more detail in Section V of Volume 1 – County Summary. The NDM was used to calculate development potential in the County without removing wetlands and riparian corridors, and was compared to that allowed under existing zoning. Where TWA’s or General Development Plans were identified for specific parcels, the associated flows were used to assign future development in lieu of that allowed under local zoning.

The following factors were used when applying the NDM.

- Population Density: 4 people/home
- Human Nitrate Loading Rate: 10 lbs/person/year
- NO₃ Target Concentration in Groundwater: 2 mg/L

Soils data was obtained from the Natural Resources Conservation Service (NRCS) as contained in Soil Survey Geographic (SSURGO) Database and recharge factors from “A Recharge-Based Nitrate-Dilution Model for New Jersey v5.1” were cross-correlated to the specific soil types. A GIS model was created that performed the calculations from the Recharge Based Nitrate Dilution Model within a GIS environment. The results were then area-weighted by parcel, and totaled by HUC and Municipality.

A summary of the measures used to compare the results of the nitrate dilution model and the existing zoning are included in Tables 3, 4, and 5 below.

Table 3 - Results of Septic Service Area Evaluation – Nitrate Dilution

HUC11	Municipality	Area Analyzed (acres)	Nitrate Dilution Model				NJDEP Criteria *
			Equivalent Dwelling Units (homes)	Equivalent Dwelling Units (homes)	Septic Density (Acres per EDU)	Septic Density (Acres per EDU)	Septic Density (average acres/ISSDS)
2030105090	Hopewell Township	13,651	1,679.1	2,320.7	8.1	8.2	6.2
	Lawrence Township	1,702	202.1		8.4		
	Princeton	2,557	374.6		6.8		
	West Windsor Township	1,015	64.9		15.6		
2030105100	West Windsor Township	1,608	170.6	170.6	9.4	9.4	6.3
2030105110	Hopewell Borough	60	5	671.4	12.0	8.1	6.5
	Hopewell Township	4,228	543.3		7.8		
	Princeton	1,181	123		9.6		
2040105210	Ewing Township	439	45.9	1,664.7	9.6	7.6	6.0
	Hopewell Township	12,257	1,618.80		7.6		
2040105230	Hamilton Township	799	37.2	607.4	21.5	11.9	6.0
	Hopewell Township	71	7.3		9.7		
	Lawrence Township	3,453	266.2		13.0		
	Princeton	0	0		-		
	West Windsor Township	2,929	296.7		9.9		
2040105240	Ewing Township	325	37.1	324.1	8.8	11.3	8.2
	Hamilton Township	1,561	121.5		12.8		
	Hopewell Township	547	53.9		10.1		
	Lawrence Township	882	67.2		13.1		
	West Windsor Township	358	44.5		8.0		
2040201030	Hamilton Township	524	0	0.0	-	-	NA
2040201050	Hamilton Township	1,459	184.3	184.3	7.9	7.9	5.3
2040201060	Hamilton Township	2,092	239.7	239.7	8.7	8.7	5.7
2040201070	Hamilton Township	2,554	135.7	135.7	18.8	18.8	8.1

* NJDEPs septic density taken from http://www.nj.gov/dep/wqmp/docs/huc11_septic_densities.xls is provided for comparison.

Table 4 - Results of Septic Service Area Evaluation – Existing Zoning

HUC11	Municipality	Zoning - Non-residential		Zoning - Residential		Zoning - Composite	
		Equivalent Dwelling Units (homes)	Equivalent Dwelling Units (homes)	Equivalent Dwelling Units (homes)	Equivalent Dwelling Units (homes)	Total Equivalent Dwelling Units (homes)	Total Equivalent Dwelling Units (homes)
2030105090	Hopewell Township	66	66	219	255	285	321
	Lawrence Township	0		29		29	
	Princeton	0		5		5	
	West Windsor Township	0		2		2	
2030105100	West Windsor Township	0	0	21	21	21	21
2030105110	Hopewell Borough	0	0	0	56	0	56
	Hopewell Township	0		56		56	
	Princeton	0		0		0	
2040105210	Ewing Township	0	275	0	400	0	675
	Hopewell Township	275		400		675	
2040105230	Hamilton Township	46	63	0	78	46	141
	Hopewell Township	0		0		0	
	Lawrence Township	17		65		82	
	Princeton	0		0		0	
	West Windsor Township	0		13		13	
2040105240	Ewing Township	9	55	0	56	9	111
	Hamilton Township	46		7		53	
	Hopewell Township	0		46		46	
	Lawrence Township	0		3		3	
	West Windsor Township	0		0		0	
2040201030	Hamilton Township	138	138	0	0	138	138
2040201050	Hamilton Township	0	0	39	39	39	39
2040201060	Hamilton Township	0	0	105	105	105	105
2040201070	Hamilton Township	45	45	33	33	78	78

Table 5 - Comparison of Septic Service Area Evaluation Results

HUC11	Municipality	Nitrate Dilution Model		Zoning - Composite		Deficit/Surplus	
		Equivalent Dwelling Units (homes)	Equivalent Dwelling Units (homes)	Total Equivalent Dwelling Units (homes)	Total Equivalent Dwelling Units (homes)	Equivalent Dwelling Units (homes)	Total Equivalent Dwelling Units (homes)
2030105090	Hopewell Township	1,679.1	2,320.7	285	321	1,394	1,999
	Lawrence Township	202.1		29		173	
	Princeton	374.6		5		370	
	West Windsor Township	64.9		2		63	
2030105100	West Windsor Township	170.6	170.6	21	21	150	150
2030105110	Hopewell Borough	5.0	671.4	0	56	5	615
	Hopewell Township	543.3		56		487	
	Princeton	123.0		0		123	
2040105210	Ewing Township	45.9	1,664.7	0	675	46	990
	Hopewell Township	1,618.8		675		944	
2040105230	Hamilton Township	37.2	607.4	46	141	-9	466
	Hopewell Township	7.3		0		7	
	Lawrence Township	266.2		82		184	
	Princeton	0.0		0		0	
	West Windsor Township	296.7		13		284	
2040105240	Ewing Township	37.1	324.1	9	111	28	168
	Hamilton Township	121.5		53		68	
	Hopewell Township	53.9		46		8	
	Lawrence Township	67.2		3		64	
	West Windsor Township	44.5		0		45	
2040201030	Hamilton Township	0.0	0.0	138	138	-138	-138
2040201050	Hamilton Township	184.3	184.3	39	39	145	145
2040201060	Hamilton Township	239.7	239.7	105	105	135	135
2040201070	Hamilton Township	135.7	135.7	78	78	58	58

The portion of HUC 2040201030 in Hamilton Township is located adjacent to the tidal portion of the Delaware River. The Landscape Data 3.1 indicates that the land within the HUC is comprised of freshwater tidal marshes, deciduous wooded wetlands, and deciduous forest. The Hamilton Township portion of the HUC (approximately 700 acres) is primarily comprised of publicly (state and county) owned land (70%) with industrial and vacant land comprising the remainder. The publicly owned land is either preserved open space or deed restricted. The developed properties are serviced by septic systems. PSE&G is the predominant industrial land owner. The PSE&G Mercer Generating Station, a coal-fired power plant, is located here. Due to the amount of preserved or deed-restricted land in public ownership, and the existing environmental constraints, full build-out based on current zoning is likely to be limited. Any land development within this portion of the HUC will be required to meet all applicable DEP regulations for septic (ISSDS) design, construction, operation and maintenance.

Existing and Future Wastewater Treatment Needs

Existing and future wastewater treatment needs for each SSA were evaluated. In each case the existing wastewater flow was established using Discharge Monitoring Reports, and the future wastewater generation potential was calculated using the environmental build-out indicated above for each SSA.

Table 5 shows a summary of this information.

Table 6 - Existing and Future Wastewater Treatment

Facility	NJPDES Permit	Facility Type (DSW/D GW)	Municipality	Committed Flow (mgd)(1)	Build-out Flow (mgd)	NJPDES Permitted Flow (mgd)	Contract Flows (mgd)(2)
Trenton Sewer Utility	NJ0020923	DSW	Facility Totals	12.484	12.880	20.000	
			City of Trenton	12.484	12.880		N/A
ELSA	NJ0024759	DSW	Facility Totals	13.064	18.276	16.000	
			Township of Ewing	7.468	11.095		N/A
			Lawrence Township	5.137	5.990		N/A
			Hopewell Township	0.459	1.191		0.887
SBRSA – River Road STP	NJ0031119	DSW	Facility Totals	11.710	18.294	13.060	
			West Windsor Township	2.925	4.745		FCFS
			Princeton	4.395	5.304		FCFS
			South Brunswick (Middlesex County)	4.390	8.245		FCFS
SBRSA – Pennington STP	NJ0035319	DSW	Facility Totals	0.300	0.445	0.445	
			Pennington Borough	0.244	0.353		FCFS
			Hopewell Township	0.056	0.092		FCFS/Mbr
SBRSA – Hopewell STP	NJ 0035301	DSW	Facility Totals	0.324	0.366	0.300	
			Hopewell Township	0.109	0.113		FCFS/Mbr
			Hopewell Borough	0.215	0.253		FCFS
Hamilton Township WPCF	NJ0026301	DSW	Facility Totals	10.515	12.735	16.000	
			Hamilton Township	8.736	10.079		No limit
			West Windsor Township	0.078	0.156		No limit
			Robbinsville Township	1.701	2.500		2.500
Hightstown AWWTP	NJ0029475	DSW	Facility Totals	0.876	0.888	1.000	
			Hightstown Borough	0.876	0.888		1.000

(1) Committed flow data based on 2012 DMR data

(2) The contractual amounts identified in this document are neither NJDEP-determined nor NJDEP-enforced. They are used entirely by the facilities identified, where applicable, and their customers for internal allocation and billing purposes. FCFS = First Come First Served; Mbr = SBRSA Member

Assessment of Non-Point Source Pollution

Ground Water Recharge

Compliance with the Ground Water Recharge standards is demonstrated by submission of a Stormwater Management Plan by each municipality, and the adoption of an ordinance that complies with N.J.A.C. 7:8. All municipalities in Mercer County comply with these requirements, so this objective has been met.

Mercer County has also implemented a County Stormwater Pollution Prevention Plan and adopted all the appropriate ordinances in August 2005. Design and performance standards were adopted on August 15, 2006.

Riparian Zones

To comply with this standard, all riparian zones have been removed from the Future SSA. Accordingly, this objective has been met.

Steep Slopes

Most of the steep slopes in Mercer County are located along rivers or streams and would be protected as indicated above. Steep slopes along the interior of the County, such as the Sourland Mountains and Princeton Ridge, are protected by specific municipal ordinances.

Compliance with this standard is demonstrated by the adoption of municipal ordinances that prevent new disturbances for projects or activities except for 1) redevelopment within the limits of existing impervious surfaces, or 2) new disturbances necessary to protect public health, safety or welfare; to provide environmental benefit; to prevent extraordinary hardship on the property owner peculiar to the property; or to prevent extraordinary hardship, provided the hardship was not created by the property owner, that would not permit a minimum economically viable use of the property based upon reasonable investment.

Total Maximum Daily Loads (TMDLs)

Mercer County does not have any adopted TMDLs.

Appendix A

Water Supply



Water Supply

The following text and table were developed by the NJDEP. The following water supply build-out is derived from a variety of data sources not necessarily consistent with those used in the development of the remainder of this document. The ensuing water supply information is extrapolated from various sources including from the current New Jersey Water Supply Master Plan dated 1982. Upon the adoption of an updated statewide Water Supply Plan, the County will meet the requirements set forth in the current Water Quality Management Planning rules to determine future water supply demand and capacity.

In accordance with N.J.A.C. 7:15-5.25(f), a build-out analysis was performed to evaluate whether the water supply needs can be met with existing, new or expanded water supplies that do not conflict with the currently adopted New Jersey State Water Supply Plan (NJWSP). The build-out analysis completed utilized the following data sources: Digital Data: 1998 Water Purveyor Area (NJDEP); Landuse Landcover 2007 (NJDEP); Digital Zoning, 2007; Preserved Land 2007; and NJ Digital Parcels (OIT). Potential new residential and nonresidential units were estimated by geographic information system analysis that removed developed, constrained and preserved land. Utilizing the potential new unit figures flow calculations were made based on 320 gallons per new residential unit and 0.125 gallon per square feet of new non-residential Floor Area Ratio.

In compliance with the Water Use Analysis requirements in N.J.A.C. 7:15-5.25(f), the outcome of the analysis described above demonstrated that the existing water allocation permit(s) for the water supply purveyors within Mercer County meet existing use, could serve future build-out as projected for this WMP, and do not conflict with the current NJWSP adopted as a WQMP amendment for withdrawals due to ecological or salt water intrusion concerns.

Public Water System Name	PWSID	Permit Allocation (MGM)(Contracted-MGM)	Water Supply Website Monthly Demand (MGM)	Water Supply (MGM)(Deficit)/ County % Available	Mercer Co. Service Area B/O (MGM)
Aqua New Jersey Hamilton Sq (Central Division)	1103001	223 (60.30)	233.205	50.095 / 45.1	2.23
Robbinsville				18.42	1.5
Hamilton				31.67	.73
Hightstown Water Dept	1104001	52	34.486	17.514	0.65*
Hopewell Borough Water Dept	1105001	9	7.577	1.423	0.58
Hopewell Borough					0.52
Hopewell Township (Portions)					0.06
Hopewell Twp Water & Sewer	1106001	3.1	5.5	(-2.4)	103 Total Service Connections
Lawrence Water Company	1107002	21.7 (15)	29.256	7.944	0.21
Trenton Water Works	1111001	1,350.00	989	313	82
Ewing					36.58
Trenton					2.47
Hamilton (Portions)					15.93
Lawrence (Portions)					2.61
Hopewell Twp (Portions)					24.3
New Jersey American Water (Raritan System)	2004002	6,761.50	5,800.47	961.034/ 81.69	68.74
Lawrence Twp.				12.69	12.43
Princeton				36.61	8.2
West Windsor Twp.				32.19	48.11
Hopewell Twp					

*Urbanized - WMP Wastewater BO analysis w/25% water supply adjustment

Table prepared by NJDEP, 2/13/2013.

Appendix B

Letters of Interpretation and Habitat Suitability Determinations



Mercer County Wastewater Management Plan

Appendix B - Letters of Interpretation and Habitat Suitability Determinations

<i>Muni</i>	<i>UNIQUE Parcel ID</i>	<i>LOI</i>	<i>HSA</i>	<i>GDP</i>	<i>Subdivision Application</i>	<i>Site Application</i>	<i>NJDEP Application</i>	<i>TWA</i>	<i>DEP Correspondence</i>	<i>Documents</i>
1102										
	1102-001050000-000010000-00000								Y	VFID_130.pdf
	1102-001050000-000070000-00000					Y				VFID98_132.pdf
	1102-001050000-000070001-00000					Y				VFID98_132.pdf
	1102-001050000-000260000-00000					Y				VFID98_132.pdf
	1102-001050000-000270000-00000					Y				VFID98_132.pdf
	1102-001170000-000060000-00000				Y	Y				VFID1492_1742.pdf
	1102-001930000-000050000-00000				Y					VFID38_97.pdf
	1102-001930000-000210000-00000								Y	VFID38_97.pdf
	1102-001930001-000320000-00000				Y					VFID38_97.pdf
	1102-001930001-000330000-00000				Y					VFID38_97.pdf
	1102-002140000-000440001-00000				Y					VFID13_27.pdf
	1102-002140019-000090000-00000					Y				VFID13_27.pdf
	1102-002150000-001290000-00000								Y	VFID28_37.pdf
	1102-002150000-001330001-00000								Y	VFID28_37.pdf
	1102-002150000-001340000-00000								Y	VFID28_37.pdf
	1102-002150000-001350000-00000								Y	VFID28_37.pdf
	1102-002150000-001430000-00000								Y	VFID28_37.pdf
	1102-002150000-001530000-00000								Y	VFID28_37.pdf
	1102-002250001-000010000-00000			Y	Y	Y		Y		VFID6_9.pdf
	1102-002250001-000050000-00000	Y		Y	Y	Y		Y		VFID378_380.pdf
	1102-002250001-000050000-00000	Y		Y	Y	Y		Y		VFID6_9.pdf
	1102-002250001-000060000-00000					Y				VFID6_9.pdf
	1102-004150000-000010000-00000					Y				VFID135_139.pdf

1101 - East Windsor; 1102 - Ewing; 1103 - Hamilton; 1104 - Hightstown; 1105 - Hopewell Boro; 1106 - Hopewell Twp; 1107 - Lawrence; 1108 - Pennington; 1109 - Princeton Boro; 1110 - Princeton Twp; 1111 - Trenton; 1112 - Robbinsville; 1113 - West Windsor

<i>Muni</i>	<i>UNIQUE Parcel ID</i>	<i>LOI</i>	<i>HSA</i>	<i>GDP</i>	<i>Subdivision Application</i>	<i>Site Application</i>	<i>NJDEP Application</i>	<i>TWA</i>	<i>DEP Correspondence</i>	<i>Documents</i>
	1102-004170000-000140000-00000					Y				VFID135_139.pdf
<i>1103</i>	1103-015040000-000010002-00000				Y					VFID1273_1445.pdf
	1103-015050000-000100100-00000					Y		Y		
	1103-015810000-000270000-00000					Y				VFID1273_1445.pdf
	1103-015890000-001650000-00000					Y	Y	Y		VFID1273_1445.pdf
	1103-016030000-000190000-00000					Y				VFID1273_1445.pdf
	1103-016290000-000290000-00000				Y					VFID1273_1445.pdf
	1103-016290000-001260000-00000				Y					VFID1273_1445.pdf
	1103-016320000-000030000-00000					Y				VFID1273_1445.pdf
	1103-018410000-001380000-00000					Y				VFID1273_1445.pdf
	1103-019130000-000770000-00000							Y		
	1103-019220000-000260000-00000					Y				VFID1273_1445.pdf
	1103-019220000-000270000-00000					Y				VFID1273_1445.pdf
	1103-019220000-000340000-00000					Y				VFID1273_1445.pdf
	1103-019220000-000350000-00000					Y				VFID1273_1445.pdf
	1103-021540000-000120000-QFAR	Y				Y	Y	Y		VFID368_369.pdf
	1103-021540000-000130000-00000	Y				Y	Y	Y		VFID368_369.pdf
	1103-021540000-000140000-00000	Y				Y	Y	Y		VFID368_369.pdf
	1103-021630000-000030000-00000	Y								VFID_1276.pdf
	1103-021680000-000040000-00000					Y				VFID1273_1445.pdf
	1103-021680000-000060000-00000					Y				VFID1273_1445.pdf
	1103-021690000-000070000-X					Y				VFID1273_1445.pdf
	1103-021690000-002650000-00000				Y					VFID1273_1445.pdf
	1103-021730000-000160000-00000	Y			Y	Y				VFID_1413.pdf
	1103-021730000-000170001-00000					Y	Y	Y		VFID1273_1445.pdf
	1103-021730000-000170002-QFAR					Y	Y	Y		VFID1273_1445.pdf

1101 - East Windsor; 1102 - Ewing; 1103 - Hamilton; 1104 - Hightstown; 1105 - Hopewell Boro; 1106 - Hopewell Twp; 1107 - Lawrence; 1108 - Pennington; 1109 - Princeton Boro; 1110 - Princeton Twp; 1111 - Trenton; 1112 - Robbinsville; 1113 - West Windsor

<i>Muni</i>	<i>UNIQUE Parcel ID</i>	<i>LOI</i>	<i>HSA</i>	<i>GDP</i>	<i>Subdivision Application</i>	<i>Site Application</i>	<i>NJDEP Application</i>	<i>TWA</i>	<i>DEP Correspondence</i>	<i>Documents</i>
	1103-021730000-000180000-00000					Y		Y		\\FID1414_1416_1417_1408
	1103-021730000-000190000-00000					Y	Y	Y		\\FID1414_1416_1417_1408
	1103-021730000-000200000-00000					Y	Y	Y		\\FID1414_1416_1417_1408
	1103-021730000-000210000-00000					Y	Y	Y		\\FID1414_1416_1417_1408
	1103-025750000-000470000-X								Y	\\FID_1286.pdf
	1103-025750000-001800000-00000					Y				\\FID1273_1445.pdf
	1103-025910000-000010000-00000	Y				Y			Y	\\FID374_375.pdf
	1103-025910000-000020000-00000	Y				Y			Y	\\FID374_375.pdf
	1103-025910000-000030000-00000					Y				\\FID1273_1445.pdf
	1103-025910000-000040000-00000					Y				\\FID1273_1445.pdf
	1103-025910000-000050000-00000					Y				\\FID1273_1445.pdf
	1103-025970000-000070000-00000					Y				\\FID1273_1445.pdf
	1103-026080000-000010000-00000					Y				\\FID1273_1445.pdf
	1103-026100000-000270000-00000					Y		Y		\\FID384.pdf
	1103-026120000-000050500-00000					Y		Y		
	1103-026120000-000090100-00000					Y		Y		
	1103-026130000-000010004-00000					Y				\\FID1273_1445.pdf
	1103-026130000-000010006-00000			Y						\\FID1273_1445.pdf
	1103-026130000-000010008-00000					Y				\\FID1273_1445.pdf
	1103-026130000-000010009-00000					Y				\\FID1273_1445.pdf
	1103-026130000-000010011-00000					Y				\\FID1273_1445.pdf
	1103-026130000-000160000-00000				Y	Y				\\FID1273_1445.pdf
	1103-026580000-000450000-00000					Y		Y		\\FID381.pdf
	1103-027120000-001310000-00000					Y		Y		
	1103-027120000-001330000-00000					Y		Y		
	1103-027120000-001350000-00000							Y		
	1103-027240000-000310000-00000				Y					\\FID1273_1445.pdf

1101 - East Windsor; 1102 - Ewing; 1103 - Hamilton; 1104 - Hightstown; 1105 - Hopewell Boro; 1106 - Hopewell Twp; 1107 - Lawrence; 1108 - Pennington; 1109 - Princeton Boro; 1110 - Princeton Twp; 1111 - Trenton; 1112 - Robbinsville; 1113 - West Windsor

<i>Muni</i>	<i>UNIQUE Parcel ID</i>	<i>LOI</i>	<i>HSA</i>	<i>GDP</i>	<i>Subdivision Application</i>	<i>Site Application</i>	<i>NJDEP Application</i>	<i>TWA</i>	<i>DEP Correspondence</i>	<i>Documents</i>
	1103-027350000-000070000-00000							Y		
	1103-027350000-000080000-00000							Y		
<i>1104</i>										
	1104-000530000-000200000-00000					Y				\\FID140_162.pdf
<i>1105</i>										
	1105-000020000-000020000-00000					Y				\\FID163_228.pdf
	1105-000250000-000700000-00000				Y					\\FID163_228.pdf
	1105-000250000-000710000-00000				Y					\\FID163_228.pdf
	1105-000250000-000730000-00000				Y					\\FID163_228.pdf
<i>1106</i>										
	1106-000330000-000010001-00000							Y	Y	
	1106-000330000-000010002-00000							Y	Y	
	1106-000330000-000070000-00000							Y	Y	
	1106-000330000-000100000-00000							Y	Y	
	1106-000370000-000170001-00000							Y		\\FID2833_2836
	1106-000370000-000170002-00000							Y		\\FID2833_2836
	1106-000370000-000170003-QFAR	Y	Y				Y		Y	\\FID2833_2836
	1106-000370000-000170004-00000	Y	Y				Y		Y	\\FID2833_2836
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	1106-000370000-000420000-00000		Y							
	1106-000390000-000080001-00000				Y					\\FID275_323.pdf
	1106-000390000-000080002-00000				Y					\\FID275_323.pdf
	1106-000390000-000080003-00000				Y					\\FID275_323.pdf
	1106-000390000-000080004-00000				Y					\\FID275_323.pdf
	1106-000390000-000080005-00000				Y					\\FID275_323.pdf
	1106-000390000-000080006-00000				Y					\\FID275_323.pdf
	1106-000390000-000080007-00000				Y					\\FID275_323.pdf

1101 - East Windsor; 1102 - Ewing; 1103 - Hamilton; 1104 - Hightstown; 1105 - Hopewell Boro; 1106 - Hopewell Twp; 1107 - Lawrence; 1108 - Pennington; 1109 - Princeton Boro; 1110 - Princeton Twp; 1111 - Trenton; 1112 - Robbinsville; 1113 - West Windsor

<i>Muni</i>	<i>UNIQUE Parcel ID</i>	<i>LOI</i>	<i>HSA</i>	<i>GDP</i>	<i>Subdivision Application</i>	<i>Site Application</i>	<i>NJDEP Application</i>	<i>TWA</i>	<i>DEP Correspondence</i>	<i>Documents</i>
	1106-000390000-000080008-00000				Y					\FID275_323.pdf
	1106-000390000-000080009-00000				Y					\FID275_323.pdf
	1106-000390000-000080010-00000				Y					\FID275_323.pdf
	1106-000390000-000080011-00000				Y					\FID275_323.pdf
	1106-000390000-000080012-00000				Y					\FID275_323.pdf
	1106-000390000-000080017-00000				Y					\FID275_323.pdf
	1106-000390000-000080018-00000				Y					\FID275_323.pdf
	1106-000390000-000080019-00000				Y					\FID275_323.pdf
	1106-000390000-000080020-00000				Y					\FID275_323.pdf
	1106-000390000-000080021-00000				Y					\FID275_323.pdf
	1106-000390000-000080022-00000				Y					\FID275_323.pdf
	1106-000390000-000080023-00000				Y					\FID275_323.pdf
	1106-000390000-000080024-00000				Y					\FID275_323.pdf
	1106-000390000-000080025-00000				Y					\FID275_323.pdf
	1106-000390000-000080028-00000				Y					\FID275_323.pdf
	1106-000390000-000080029-00000				Y					\FID275_323.pdf
	1106-000390000-000080030-00000				Y					\FID275_323.pdf
	1106-000390000-000080031-00000				Y					\FID275_323.pdf
	1106-000390000-000080032-00000				Y					\FID275_323.pdf
	1106-000390000-000120000-00000			Y						\FID421_425_427.pdf
	1106-000390000-000140000-00000	Y		Y	Y		Y			\FID421_425_427.pdf
	1106-000390000-000150000-00000			Y						\FID421_425_427.pdf
	1106-000390002-000090003-00000				Y					\FID275_323.pdf
	1106-000390002-000090004-00000				Y					\FID275_323.pdf
	1106-000390002-000090005-00000				Y					\FID275_323.pdf
	1106-000390002-000090006-00000				Y					\FID275_323.pdf
	1106-000390002-000090007-00000				Y					\FID275_323.pdf

1101 - East Windsor; 1102 - Ewing; 1103 - Hamilton; 1104 - Hightstown; 1105 - Hopewell Boro; 1106 - Hopewell Twp; 1107 - Lawrence; 1108 - Pennington; 1109 - Princeton Boro;
1110 - Princeton Twp; 1111 - Trenton; 1112 - Robbinsville; 1113 - West Windsor

<i>Muni</i>	<i>UNIQUE Parcel ID</i>	<i>LOI</i>	<i>HSA</i>	<i>GDP</i>	<i>Subdivision Application</i>	<i>Site Application</i>	<i>NJDEP Application</i>	<i>TWA</i>	<i>DEP Correspondence</i>	<i>Documents</i>
	1106-000390002-000090008-00000				Y					VFID275_323.pdf
	1106-000390002-000090009-00000				Y					VFID275_323.pdf
	1106-000390002-000090010-00000				Y					VFID275_323.pdf
	1106-000390002-000090011-00000				Y					VFID275_323.pdf
	1106-000390002-000090012-00000				Y					VFID275_323.pdf
	1106-000390002-000090014-00000				Y					VFID275_323.pdf
	1106-000390002-000090018-00000				Y					VFID275_323.pdf
	1106-000390002-000090019-00000				Y					VFID275_323.pdf
	1106-000390002-000090020-00000				Y					VFID275_323.pdf
	1106-000390002-000090021-00000				Y					VFID275_323.pdf
	1106-000390002-000090022-00000				Y					VFID275_323.pdf
	1106-000390002-000090029-00000				Y					VFID275_323.pdf
	1106-000390002-000090030-00000				Y					VFID275_323.pdf
	1106-000390002-000090031-00000				Y					VFID275_323.pdf
	1106-000400000-000140000-00000	Y		Y				Y		VFID421_425_427.pdf
	1106-000460000-000080001-00000	Y		Y			Y	Y		VFID_438.pdf
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	1106-000610000-000110000-00000				Y					
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	1106-000610000-000140000-00000				Y					
	1106-000850000-000080000-00000								Y	
	1106-000880000-000330004-00000					Y				
	1106-000910000-000060001-00000				Y					
	1106-000910000-000070000-00000								Y	
	1106-000910000-000150000-00000					Y				
	1106-000930000-000020000-00000	Y		Y	Y	Y			Y	

1101 - East Windsor; 1102 - Ewing; 1103 - Hamilton; 1104 - Hightstown; 1105 - Hopewell Boro; 1106 - Hopewell Twp; 1107 - Lawrence; 1108 - Pennington; 1109 - Princeton Boro; 1110 - Princeton Twp; 1111 - Trenton; 1112 - Robbinsville; 1113 - West Windsor

<i>Muni</i>	<i>UNIQUE Parcel ID</i>	<i>LOI</i>	<i>HSA</i>	<i>GDP</i>	<i>Subdivision Application</i>	<i>Site Application</i>	<i>NJDEP Application</i>	<i>TWA</i>	<i>DEP Correspondence</i>	<i>Documents</i>
	1106-000930000-000030000-00000	Y		Y	Y	Y			Y	
	1106-000930000-000060000-00001	Y		Y	Y	Y			Y	VFID_1716.pdf
	1106-001220000-000090000-00000					Y				
	1106-001220000-000100000-00000					Y				
<i>1107</i>										
	1107-007010000-000420000-00000					Y				VFID1492_1742.pdf
	1107-007010000-000440000-00000					Y				VFID1492_1742.pdf
	1107-023120000-001120000-00000					Y				VFID1492_1742.pdf
	1107-027010000-000010000-00000	Y	Y			Y		Y	Y	VFID1443_1502.pdf
	1107-027010000-000020000-00000	Y	Y					Y	Y	VFID1443_1502.pdf
	1107-027010000-000030000-00000	Y	Y			Y		Y	Y	VFID1443_1502.pdf
	1107-027010000-000050000-00000	Y	Y			Y		Y	Y	VFID1443_1502.pdf
	1107-027010000-000060000-00000	Y	Y			Y			Y	VFID1443_1502.pdf
	1107-027010000-000320000-00000				Y					VFID1492_1742.pdf
	1107-027010000-000320002-00000	Y	Y			Y			Y	VFID1443_1502.pdf
	1107-027010000-000840000-00000	Y	Y						Y	VFID1492_1742.pdf
	1107-027010000-000850000-00000	Y	Y						Y	VFID1443_1502.pdf
	1107-027010000-000860000-00000	Y	Y						Y	VFID1443_1502.pdf
	1107-027010000-000870000-00000	Y	Y						Y	VFID1443_1502.pdf
	1107-027010000-000880000-00000	Y	Y						Y	VFID1443_1502.pdf
	1107-027010000-000890000-00000	Y	Y					Y	Y	VFID1443_1502.pdf
	1107-027010000-000900000-00000	Y	Y					Y	Y	VFID1443_1502.pdf
	1107-028010000-000240000-00000					Y				VFID1443_1502.pdf
	1107-036010000-000180000-00000					Y				VFID1492_1742.pdf
	1107-037010000-000010000-00000					Y				VFID1492_1742.pdf
	1107-039010000-000040001-00000	Y			Y	Y			Y	VFID1448_1449.pdf
	1107-039010000-000130000-00000				Y					VFID1492_1742.pdf

1101 - East Windsor; 1102 - Ewing; 1103 - Hamilton; 1104 - Hightstown; 1105 - Hopewell Boro; 1106 - Hopewell Twp; 1107 - Lawrence; 1108 - Pennington; 1109 - Princeton Boro; 1110 - Princeton Twp; 1111 - Trenton; 1112 - Robbinsville; 1113 - West Windsor

<i>Muni</i>	<i>UNIQUE Parcel ID</i>	<i>LOI</i>	<i>HSA</i>	<i>GDP</i>	<i>Subdivision Application</i>	<i>Site Application</i>	<i>NJDEP Application</i>	<i>TWA</i>	<i>DEP Correspondence</i>	<i>Documents</i>
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	1107-040010000-000090000-00000					Y				\\FID1492_1742.pdf
	1107-042010000-000170000-00000				Y	Y				\\FID1492_1742.pdf
	1107-050010000-000010000-00000	Y				Y		Y	Y	\\FID1712_1715.pdf
	1107-050010000-000020000-00000	Y				Y		Y	Y	\\FID1712_1715.pdf
	1107-050010000-000030000-00000	Y				Y		Y	Y	\\FID1712_1715.pdf
	1107-050010000-000110000-00000	Y				Y		Y	Y	\\FID1712_1715.pdf
	1107-051010000-000120000-00000					Y			Y	\\FID376_377.pdf
	1107-051010000-000180000-00000					Y			Y	\\FID376_377.pdf
	1107-058010000-000010001-2		Y						Y	\\FID1492_1742.pdf
	1107-058010000-000090000-00000		Y						Y	
	1107-058010000-000110000-00000		Y						Y	
	1107-058010000-000300001-00000		Y						Y	\\FID1492_1742.pdf
	1107-066010000-000010001-00000			Y		Y		Y		\\FID298_291_1447.pdf
	1107-066010000-000140000-00000					Y				\\FID1492_1742.pdf
	1107-078010000-000210000-00000	Y	Y			Y			Y	\\FID_325.pdf
<i>1110</i>										
	1110-010010000-000010000-00000	Y	Y						Y	\\FID33P_35P.pdf
	1110-010010000-000020000-Q0008	Y	Y						Y	\\FID33P_35P.pdf
	1110-010010000-000140000-00000	Y	Y						Y	\\FID33P_35P.pdf
	1110-015030000-000020000-00000	Y								
	1110-015030000-000030000-00000	Y								
	1110-015030000-000040000-00000	Y								
	1110-028030000-000010000-Q0012	Y	Y			Y		Y		\\FID1464_1465.pdf
	1110-028030000-000020000-Q0012	Y	Y			Y		Y		\\FID1464_1465.pdf
	1110-035010000-000110000-00000		Y			Y			Y	\\FID1743_1744.pdf
	1110-035010000-000120000-00000					Y				\\FID1743_1744.pdf

1101 - East Windsor; 1102 - Ewing; 1103 - Hamilton; 1104 - Hightstown; 1105 - Hopewell Boro; 1106 - Hopewell Twp; 1107 - Lawrence; 1108 - Pennington; 1109 - Princeton Boro; 1110 - Princeton Twp; 1111 - Trenton; 1112 - Robbinsville; 1113 - West Windsor

<i>Muni</i>	<i>UNIQUE Parcel ID</i>	<i>LOI</i>	<i>HSA</i>	<i>GDP</i>	<i>Subdivision Application</i>	<i>Site Application</i>	<i>NJDEP Application</i>	<i>TWA</i>	<i>DEP Correspondence</i>	<i>Documents</i>
	1110-043010000-000030000-00000	Y				Y	Y	Y		\\FID371_373.pdf
	1110-043010000-000040000-00000	Y				Y	Y	Y		\\FID371_373.pdf
	1110-044010000-000010000-00000	Y				Y	Y	Y		\\FID371_373.pdf
	1110-045020000-000020000-00000	Y			Y	Y	Y			\\FID382_383.pdf
	1110-045020000-000030000-00000	Y			Y	Y	Y			\\FID382_383.pdf
	1110-089010000-000280000-00000		Y							\\FID1693_1701.pdf
	1110-107010000-000010000-00000					Y				\\FID1693_1701.pdf
	1110-108010000-000010000-00000		Y			Y				\\FID1693_1701.pdf
	1110-109010000-000010000-00000	Y	Y			Y				\\FID1693_1701.pdf
	1110-112010000-000010000-00000	Y	Y						Y	\\FID_1717.pdf
	1110-113010000-000010001-00000	Y	Y			Y				\\FID1693_1701.pdf
	1110-113010000-000020000-00000	Y								\\FID1693_1701.pdf
	1110-114010000-000010000-00000		Y							\\FID1693_1701.pdf
	1110-115010000-000120000-00000		Y							\\FID1693_1701.pdf
	1110-115010000-000130000-00000		Y							\\FID1693_1701.pdf
<i>1112</i>										
	1112-000090000-000010000-Q0029	Y		Y						
	1112-000090000-000250001-Q0035	Y		Y						
	1112-000090000-000550000-Q0160	Y		Y						
<i>1113</i>										
	1113-000030000-000010000-00000	Y	Y							\\FID373_1272.pdf
	1113-000030000-000020000-00000	Y	Y							\\FID1693_1701.pdf
	1113-000030000-000030000-00000	Y	Y							\\FID1693_1701.pdf
	1113-000040000-000010000-QFAR	Y	Y							\\FID1693_1701.pdf
	1113-000040000-000030000-QFAR	Y	Y							\\FID1693_1701.pdf
	1113-000040000-000040000-00000	Y	Y							\\FID1693_1701.pdf
	1113-000050000-000080004-00000	Y	Y							\\FID1693_1701.pdf

1101 - East Windsor; 1102 - Ewing; 1103 - Hamilton; 1104 - Hightstown; 1105 - Hopewell Boro; 1106 - Hopewell Twp; 1107 - Lawrence; 1108 - Pennington; 1109 - Princeton Boro; 1110 - Princeton Twp; 1111 - Trenton; 1112 - Robbinsville; 1113 - West Windsor

<i>Muni</i>	<i>UNIQUE Parcel ID</i>	<i>LOI</i>	<i>HSA</i>	<i>GDP</i>	<i>Subdivision Application</i>	<i>Site Application</i>	<i>NJDEP Application</i>	<i>TWA</i>	<i>DEP Correspondence</i>	<i>Documents</i>
	1113-000050000-000080005-00000	Y	Y	Y		Y				VFID_1055.pdf
	1113-000070000-000150001-00000	Y				Y			Y	VFID373_1272.pdf
	1113-000070000-000580001-00000	Y				Y			Y	VFID373_1272.pdf
	1113-000070000-000610000-00000	Y				Y			Y	VFID1718_1719.pdf
	1113-000070000-000780002-00000				Y					VFID373_1272.pdf
	1113-000070002-000010000-00000	Y				Y			Y	VFID1718_1719.pdf
	1113-000070004-000010000-00000					Y				VFID373_1272.pdf
	1113-000080000-000010000-00000	Y								
	1113-000080000-000020000-QFAR	Y								VFID1206_990_490_859_14
	1113-000080000-000030000-00000	Y								
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	1113-000080000-000130000-QFAR	Y							Y	VFID1206_990_490_859_14
	1113-000080000-000140000-QFAR				Y					VFID373_1272.pdf
	1113-000080000-000160000-00000	Y								VFID1206_990_490_859_14
	1113-000080000-000180000-00000					Y				VFID373_1272.pdf
	1113-000080000-000200000-QFAR	Y							Y	VFID373_1272.pdf
	1113-000080000-000280000-00000	Y								VFID1206_990_490_859_14
	1113-000080000-000320001-00000	Y								VFID1206_990_490_859_14
	1113-000080000-000390000-00000	Y								VFID1206_990_490_859_14
	1113-000080000-000400000-00000	Y								VFID1206_990_490_859_14
	1113-000080000-000410000-00000	Y								VFID1206_990_490_859_14
	1113-000080000-000450000-00000	Y								VFID1206_990_490_859_14
	1113-000080000-000460000-00000	Y								VFID1206_990_490_859_14
	1113-000080000-000470000-00000	Y								
	1113-000080000-000490000-00000	Y								VFID1206_990_490_859_14
	1113-000100000-000080001-QFAR	Y								VFID_1048.pdf

1101 - East Windsor; 1102 - Ewing; 1103 - Hamilton; 1104 - Hightstown; 1105 - Hopewell Boro; 1106 - Hopewell Twp; 1107 - Lawrence; 1108 - Pennington; 1109 - Princeton Boro;
1110 - Princeton Twp; 1111 - Trenton; 1112 - Robbinsville; 1113 - West Windsor

<i>Muni</i>	<i>UNIQUE Parcel ID</i>	<i>LOI</i>	<i>HSA</i>	<i>GDP</i>	<i>Subdivision Application</i>	<i>Site Application</i>	<i>NJDEP Application</i>	<i>TWA</i>	<i>DEP Correspondence</i>	<i>Documents</i>
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	1113-000150014-000190000-QFAR	Y								\\FID1206_990_490_859_14
	1113-000150014-000200000-QFAR	Y							Y	
	1113-000150014-000220000-QFAR	Y								\\FID1206_990_490_859_14
	1113-000150014-000260000-QFAR	Y							Y	\\FID1206_990_490_859_14
	1113-000150014-000750000-00000	Y								\\FID1206_990_490_859_14
	1113-000160000-000240000-00000	Y								\\FID1720_1721.pdf
	1113-000160000-000690000-00000	Y								\\FID1720_1721.pdf
	1113-000280000-000010000-00000						Y			\\FID373_1272.pdf
	1113-000280000-000050000-00000				Y		Y			\\FID373_1272.pdf
	1113-000280000-000150000-00000	Y								\\FID373_1272.pdf
	1113-000280000-000150100-00000	Y								
	1113-000280000-000210000-00000	Y								
	1113-000330000-000010002-00000						Y			\\FID373_1272.pdf
	1113-000330000-000100000-00000						Y			\\FID373_1272.pdf

1101 - East Windsor; 1102 - Ewing; 1103 - Hamilton; 1104 - Hightstown; 1105 - Hopewell Boro; 1106 - Hopewell Twp; 1107 - Lawrence; 1108 - Pennington; 1109 - Princeton Boro;
1110 - Princeton Twp; 1111 - Trenton; 1112 - Robbinsville; 1113 - West Windsor