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*DEPLETIVE WATER
USE PROJECT FOR
REGIONAL WATER
RESOURCE
PLANNING AREAS
OF NEW JERSEY*

State of New Jersey

*Department of Environmental
Protection*

Environmental Regulation

July 1994

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**Depletive Water Use Project
for Regional
Water Resource Planning Areas
of New Jersey**

by

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ABSTRACT

Depletive water use, also referred to by others as out-of-basin transfers and wastewater and water exportations, has become a significant issue in New Jersey over the last several years as competition for water has increased. Simply defined as surface or ground water withdrawn from a selected watershed or water resource and discharged in another, depletive water use results in a reduction in fresh water discharge to the watershed from which the water was originally withdrawn. If significant, depletive water use could reduce stream base flow and thereby lower reservoir safe yield and the capacity of a waterway to assimilate wastes. Significant depletive water use could also result in saltwater intrusion in aquifers and estuaries, and it can place stresses on fresh water-dependent ecosystems.

Depletive water use, as defined within this report and subsequent spreadsheet analysis, is simply the amount of surface or ground water withdrawn from a selected geographic area that is then used for water supply and disposed of in such a way that it can no longer be utilized again in that particular geographic area. As an example, depletive ground water withdrawals (diversions that do not return used water or treated wastewater to the same aquifer or to surface water above water supply intakes in the same area) intercept natural discharge and reduce the quantities of water for maintaining the base flow of streams and lakes, maintaining wetlands and retarding saltwater intrusion.

In recognition of the potential problems associated with depletive water use, the Statewide Water Supply Plan (SWSP), the first revision to the New Jersey Statewide Water Supply Master Plan, inventoried these uses in each of the 23 Regional Water Resource Planning Areas (RWRPA, essentially large watersheds) that were evaluated for water supply needs. It concluded that almost one-half of the water supply is used depletively; this generally is in the form of water that is withdrawn from the various RWRPAs, used for water supply, converted to waste water and subsequently discharged after treatment to tidal reaches. In some RWRPAs, almost 100 percent of the water is used depletively.

This report represents a "broad brush" inventory of depletive water uses in the state and can serve as an initial guide for where these forms of use may result in the above impacts. It should be used by all involved in water supply and waste water planning and management. After discussing how to use the report, it concludes that a policy is needed to manage depletive water uses in New Jersey as well as other future initiatives to better define the impacts associated with this phenomenon.

CHAPTER ONE

Background

Why Depletive Water Use is Important

The importance of depletive water uses has become an increasingly important water supply topic in New Jersey over the last several years. A depletive water use is, simply speaking, a ground or surface water withdrawal that is used but once in a specific geographic area. Examples include water that is diverted from a river and piped to a city in an adjacent watershed where it is used for potable supply, or water that is withdrawn from wells, used in nearby communities and transported to the ocean after wastewater treatment. When this type of use is small, in comparison to the amount of water available from the overall supply, depletive water use is not a problem. When depletive water uses are large, however, fresh water discharge to streams and out of aquifer systems can be reduced to a point where reservoirs may no longer provide the water they were capable of delivering, streams may not possess adequate assimilative capacity for pollutant loadings, aquifers may be impaired by salt-water, and ecosystems could be stressed. Each of these phenomena serve to limit the state's water supplies. Also, the water may be simply unavailable for re-use in any location.

Based on this potential, the Department of Environmental Protection (Department) evaluated the magnitude of depletive water uses in the state as a component of the first revision to the New Jersey Statewide Water Supply Master Plan. The evaluation concluded that, of the 2279 million gallons/day (MGD) of actual diversions of surface and ground water supplies, 749 MGD are used depletively. One must note, of the 2279 MGD of actual diversions, 940 MGD is for industrial water use for once-through systems, and does not greatly affect the surface water flow. Therefore, approximately 56 percent of the remaining combined surface and ground water ($2279 - 940 = 1339$) use is depletive. Wastewater reuse may play a greater future role in meeting the state's water supply needs and ensuring that there is adequate freshwater to prevent the undesirable effects cited above. It is anticipated that this report, as well as future updates, will be utilized to help in shape New Jersey's strategic objectives of maintaining and protecting water quality and water quantity. As a direct result of this report, the Department is in the process of developing a depletive water

use policy, especially regarding the interbasin transfer of water and wastewater.

***Statement of the
Problem***

Depletive water use is of particular importance in New Jersey with respect to water supply, water quality and ecosystem management. Presently, approximately 10 percent of runoff and recharge now enters the manmade "plumbing system" consisting of a water delivery / wastewater collection and treatment infrastructure and is depletively discharged into the state's tidal waters. This large-scale transfer of water can result in reduced yield of reservoir systems, loss of stream assimilative capacity and impairment to freshwater-dependent ecosystems. This figure ranges from 0 to 43 among the various watersheds of the state.

Water Supply - During periods of low precipitation, when there is little or no surface water runoff, the only natural contribution to stream flow is that discharged from ground water systems. As depletive ground water withdrawals from the upper most aquifers increase in a particular area, the amount of ground water discharge is reduced and results in reduced stream flow. Recent geohydrologic investigations* conducted in New Jersey are concluding that in some cases reductions in stream flow discharge can be proportional to the ground water withdrawal (e.g., one-to-one ratio). Thus, ground water withdrawals may affect stream flow in the same manner as surface water withdrawals, under particular geological conditions.

This phenomenon can have serious water supply implications. If significant depletive ground water withdrawals have recently been developed upstream of a surface water intake that serves a large population, that intake may be required to "prematurely" cease pumping and turn to its storage reservoir or alternative water supply. If the stream in question is regulated by minimum passing flow requirements, not only will the intake have to cease operations earlier, but reservoir releases may need to be made sooner than anticipated in order to meet these passing flows. Thus, depletive water use can reduce the safe yield of reservoirs.

* "Steady-State Simulation of Ground Water Flow in the Rockaway River Buried Valley," USGS; "Ground Water Flow in the Surficial Aquifers of the Toms River and Metedeconk River Basins, NJ," USGS; and, "Hydrogeology of the Ground Water Flow in a Valley-Fill and Carbonate-Rock Aquifer System near Long Valley in the NJ Highlands," USGS.

Safe yield is defined as the amount of water that a river or reservoir system can continuously provide if the drought of record were repeated. An example of safe yield impacts is the encroachment into a surface water supply watershed of a regional sewerage collection system that discharges the wastewater into tidal waters. If local ground water is to be pumped into the homes served by this collection system there is a strong likelihood that the yield of the watershed may be affected. If depletive uses have occurred over the decades above a surface water supply, it may be necessary to re-evaluate that supply's yield.

The yield of surface water supplies can also be reduced by the abandonment of sewage discharges upstream of surface water supply intakes. The historical stream discharge period of record, especially those stream discharges during low flow periods, and available system storage serve as the basis for establishing the yield of surface water supplies. If sewage discharges made up a component of the stream discharge record, cessation of those discharges would require that the record be reformulated so as to reflect lower stream flows. Yield would need to be reduced. On the other hand, yield can be increased if new sewage discharges occur after the yield has been defined and the water supply that serves that sewage system originates in another watershed.

Depletive water use can also reduce the amount of available ground water. Ground water discharge is equal to ground water recharge, over the long term. It is ground water discharge that maintains stream flow during low precipitation periods, retards saltwater from intruding into aquifers and estuaries, maintains lake levels and wetlands. If wells intercept substantial amounts of ground water flowing toward these features, they will be affected, and could be impaired. As such, ground water availability can be generically evaluated by comparing ground water recharge against depletive water use.

Water Quality - Since depletive water use can reduce stream flow and the quantity of available ground water, water quality may be a concern. As a result of the same hydrologic dynamics discussed above, significant depletive ground water withdrawals upstream of a municipal or industrial sewage treatment plant can cause that facility to violate water quality standards, even if the facility is discharging in accordance with its permit conditions. Effluent limitations

for sewage treatment plant discharges are also based on the historical stream discharge record (i.e., water quality standards downstream of the discharge will be maintained during low flow). Further, nonpoint pollution impacts can be increased through reduced dilution in the state's water resources, including ground water systems. For the latter, water level declines in conjunction with increased waste inputs reducing the natural "flushing" effect in aquifers as water passes through these systems.

Ecosystems - Depletive water uses upstream, or in the same vicinity, of freshwater-dependent ecosystems can have implications on these resources. Studies of rivers in the Northeastern United States experiencing reduced stream flow as a result of depletive uses showed a consistent pattern of degraded fish communities. The most critical factors influencing fish communities are food, water quality, physical habitat, flow regime, biotic interaction, and temperature.* Reductions in water quantity by depletive uses affects each of these directly or indirectly. Ground water withdrawals that are depletive cause increases in the fluctuations of the water table. This can affect freshwater ecosystems at the surface by reducing access to water by the root systems of native vegetation. Adverse impact to the environmentally-sensitive riparian habitat are possible. Quantifying the effects of reduced flow on ecosystems, however, is proving to be a complicated process. The Department has initiated investigative research in this regard.

***Depletive Use and
the MA7CD10***

From a regulatory perspective, low stream flow, or base flow (the ground water contribution to a stream), serves as the primary criterion for managing New Jersey's water resources. The most common stream discharge employed for this purpose is the MA7CD10, or the seven consecutive days of lowest flow that may be expected to occur once during a ten-year interval. This statistical stream flow event essentially represents stream discharge during periods of relatively severe low precipitation. The historical record in some cases goes back to 1897.

The Department is heavily dependent on the MA7CD10. This value is useful in determining the locations for water

* Bain, Mark B., "Instream Flow and the Integrity of Fish Communities in Streams and Rivers," New York Cooperative Fish and Wildlife Research Unit, Cornell University, NY, 1993 (Pg. 1).

supply intakes and the amount of water available for storage, and for sewage treatment outfalls. It is also used to indicate the occurrence of stream flows less than those required for water supplies in the absence of reservoirs, or stream discharges insufficient to assimilate wastewater discharges. Most major water supply and wastewater control facilities are designed based on the MA7CD10.

Since MA7CD10 is the most critical low flow from a water supply and water quality perspective, it is critical that this design flow be accurate. As implied above, however, depletive uses reduce stream flow, especially low flow. Thus, the MA7CD10 is subject to question if the effects of depletive uses are not factored into its formulation.

If depletive water uses remained constant throughout the historical period of (stream discharge) record, these uses would not be of concern since their impacts on stream flow are incorporated into the record. For example, if depletive water uses occurred during the last decade of a record that goes back five or six decades, the stream flow reduction caused by these activities would be "diluted" by the length of the record. Therefore, the MA7CD10 should be reformulated to take into consideration this occurrence.

The opposite effect takes place when sewage was recently imported into a watershed during the latter portion of a five or six decade period of record. Again, the MA7CD10 should be reformulated to reflect this occurrence. It should be noted that the MA7CD10 is often extrapolated for use in watersheds that do not have a stream discharge period of record from watersheds that do.

***Depletive Use and
the Clean Water Act***

Efforts to achieve the laudable "fishable and swimmable" goals of the Federal Clean Water Act and the State's Clean Water Enforcement Act have inadvertently contributed to increased depletive uses in New Jersey and may increase these uses in the future as treatment provisions become more stringent. Smaller treatment plants that previously discharged to freshwater portions of the state have been abandoned and tied into regional sewage treatment plants that discharge into tidal waters in order to escape higher costs. Other plants have abandoned their discharges in small streams for the advantage of the increased dilution of larger rivers. Industries and electrical power generating facilities that previously employed once-through cooling

practices now utilize highly evaporative cooling towers to meet stream thermal standards. Consequently, stream flow reductions caused indirectly by these well-intentioned Acts may actually compromise their very goals.

It is essential that the goals of these Acts be better "synchronized" with the goals of the Water Supply Management Act and other applicable statutes, since depletive use affects the sustainability of the state's water and ecological resources. As depletive use increases, so does the future need to increase reservoir storage or to seek alternative water supplies. Alternative supplies will undoubtedly be much more costly in light of the fact that almost all of the state's conventional supplies have already been developed as well as the fact that several of the major regional aquifer systems in New Jersey are in over-draft. As such, when a municipality is deciding if it should participate in a depletive wastewater operation, it should simultaneously consider the secondary costs of alternative water supplies. In this regard, future policy may be necessary as the Department's watershed approach evolves.

***Who Should Use
This Report***

This report should be used by public and private scientists, water managers and engineers responsible for developing water supply and wastewater analysis and plans, local, county and state officials that are involved in land use planning, water quality planners and natural resource managers. Examples on how the report should be used are provided below.

Water Supply - Those involved in developing water supplies or in the regulation of water allocations will find this report useful in estimating the availability of water as well as the development of strategies for its long-term use. Table 1, on page 8 describes surface and ground water availability for each of the 23 water supply planning areas in the state and compares these amounts to the water depletively withdrawn from these resources. One must note, ground water availability is not thoroughly quantified; consequently, these values should be used only for planning purposes as estimates. In any case, the report will allow those involved to broadly determine if there is any potential water supply conflicts with respect to depletive use.

For example, Table 1 indicates that several coastal planning areas may be experiencing ground water supply deficits.

Since these are planning estimates, it should not be assumed there is no available ground water; rather, particular supplies in the area may be adequate. Water purveyors are thus encouraged to discuss their plans early in the planning process with the Department for developing future water supplies in these areas.

Table 1 illustrates that the planning areas characterized with the largest percentages of total depletive water use are the Metedeconk River, Navesink/Swimming River, South River, Toms River, Atlantic Coastal, and Manasquan and Raritan Rivers. However, caution must be exercised when interpreting Table 1 since there are various factors that can mask the impacts, or non-impacts, of depletive water use.

First, depletive water use has to be compared to overall water availability of the source; the percentage of depletive use could be high when compared to the diversion(s), but if the diversion(s) represents a small percentage of the source availability there may be no problem. Second, the location of the depletive use may be a critical factor; what appears to be a minor percentage of depletive use could actually represent a major water supply problem. For example, depletive uses above surface water supply intakes or near the saltwater/freshwater interface can have critical impacts on supplies. Third, the location of the discharge of the depletively used supply is very important. Planning Areas 14 and 17, which are Critical Water Supply Areas, show very minor amounts of depletive use. This is because Table 1 considers discharges within planning areas non-depletive. These discharges are to the Delaware River, such that depletion of ground water supplies is masked by treated wastewater inputs to the river system.

Table 1
Summary of RWRPA Information
ALL VALUES ARE IN MILLION GALLONS PER DAY (MGD)

RWRPA NUMBER	RWRPA NAME	TOTAL RECHARGE	AVAILABLE GROUND WATER	SURFACE WATER YIELDS	TOTAL AVAILABLE WATER	INTER-BASIN TRANSFER (-)OUT (+)IN	NET AVAILABLE WATER	1990 PLANNING AREA DEMAND			1990 (+) SURPLUS (-) DEFICIT	2010 TOTAL DEMAND	2010 (+) SURPLUS (-) DEFICIT	2040 TOTAL DEMAND	2040 (+) SURPLUS (-) DEFICIT	DEPLETIVE WATER USE	
								SURFACE	GROUND	TOTAL						SURFACE	GROUND
1	Middle Delaware River	100.3	20.1	0.0	20.1	-1.1	19.0	0.0	13.6	13.6	5.4	14.2	4.8	15.2	3.8	0.1	0.2
2	Flat Brook	50.5	10.1	0.0	10.1	0.0	10.1	0.0	0.1	0.1	10.0	0.2	9.9	0.3	9.8	0.0	0.0
3	Walkill/Pequest River	430.7	86.1	2.4	88.5	2.8	91.3	5.5	18.8	22.3	69.0	28.3	63.0	35.7	55.6	0.0	1.8
4	Upper Passaic Pompton/ Ramapo Rivers	471.0	94.3	406.2	500.5	-281.0	219.5	19.3	72.3	91.6	127.9	98.5	121.0	109.1	110.4	249.9	20.2
5	Lower Passaic/ Rahway Rivers	235.8	47.2	8.9	56.1	306.8	362.9	326.1	45.8	371.9	-9.0	355.5	7.4	343.1	19.8	17.0	22.7
6	Hackensack River	108.7	21.7	74.0	95.7	51.2	146.9	147.7	7.2	154.9	-7.9	162.8	-15.8	170.4	-23.5	2.6	0.0
7	Pohatcong River	48.9	9.8	0.0	9.8	0.9	10.7	0.9	2.7	3.6	7.1	4.0	6.7	4.5	8.2	0.0	0.3
8	Musconetcong River	134.1	28.8	0.0	28.8	1.8	28.6	1.8	4.0	5.8	22.8	6.7	21.9	8.1	20.5	0.0	1.8
9	Trenton Delaware Tributaries	87.6	17.6	66.0	83.6	-66.7	16.9	0.4	2.1	2.5	14.4	3.1	13.8	3.8	13.1	0.0	0.0
10	Raritan River	554.0	110.5	160.0	270.5	-57.3	213.2	63.4	54.2	117.7	95.5	141.2	71.9	164.2	49.0	133.6	24.6
11	South River	124.3	24.7	8.0	32.7	23.8	56.5	33.7	50.1	83.7	-27.2	98.4	-41.9	116.7	-60.3	0.8	34.0
12	Navesink/Swimming Rivers	185.3	31.6	32.6	64.2	11.6	75.8	42.5	19.8	62.3	13.5	62.4	13.4	61.6	14.2	29.6	20.4
13	Manasquan River	73.7	9.1	30.0	39.1	-13.0	26.1	1.9	10.8	12.8	13.3	15.2	10.9	18.0	8.1	0.2	6.8
14	Rancocas Creek	539.8	82.6	52.2	134.8	1.5	136.3	56.1	44.7	100.8	35.5	120.1	16.3	135.4	0.9	9.7	2.9
15	Metedeconk River	111.3	11.2	0.0	11.2	0.2	11.4	1.4	13.7	15.0	-3.6	19.0	-7.6	25.6	-14.2	1.2	13.9
16	Toms River	200.0	20.0	0.0	20.0	1.9	21.9	10.0	28.1	38.2	-16.2	48.7	-26.8	62.4	-40.4	7.9	15.4
17	Camden Delaware Tributaries	217.0	36.8	0.0	36.8	11.7	48.5	13.4	105.0	118.4	-69.8	128.1	-79.6	142.0	-93.5	0.4	2.8
18	Mullica River	634.5	63.5	9.3	72.8	1.1	73.9	39.6	90.1	129.7	-55.8	157.9	-84.0	160.7	-86.8	20.9	49.1
19	Atlantic Coastal	249.6	25.0	0.0	25.0	0.3	25.3	0.3	11.9	12.2	13.1	18.1	7.2	27.2	-1.9	0.0	7.6
20	Salem River	296.2	40.3	3.0	43.3	0.0	43.3	16.7	14.2	30.9	12.4	34.2	9.1	35.4	7.9	12.8	9.9
21	Maurice River	540.4	54.0	0.0	54.0	0.0	54.0	2.2	60.3	62.5	-8.5	71.8	-17.8	76.8	-22.8	1.1	10.3
22	Great Egg Harbor River	311.4	31.1	0.0	31.1	0.6	31.7	1.5	19.5	20.9	10.8	26.4	5.3	30.3	1.4	0.4	3.9
23	Cape May Coastal	289.8	29.0	0.0	29.0	2.8	31.8	3.1	24.6	27.7	4.1	32.6	-0.8	39.0	-7.2	0.2	10.9
	TOTAL	5994.9	903.1	852.6	1755.7	-0.0	1755.7	787.6	711.5	1499.1	256.6	1647.3	108.4	1785.6	-29.9	488.5	259.6

FOOTNOTES:

Total Recharge - estimated long-term, average recharge to aquifers.

Available Ground Water - estimated percentage (10%-20%) of total ground water recharge available for water supply below planning threshold.

Surface Water Yields - amount surface water continuously available throughout a repetition of drought of record.

Total Available Water - sum of available ground water and surface water yields.

Interbasin Transfer - 1990 net amount of water entering or leaving planning area through purveyor interconnections.

Net Available Water - sum of total available water plus/minus interbasin transfers.

1990 Planning Area Demand - estimated water demand; 2010 and 2040 total demand follow two and four columns to the right. Also, numbers do not reflect industrial once-through water usage.

1990 Surplus/Deficit - estimated amount of water available for future water supply; 2010 and 2040 surplus/deficit follow two and four columns to the right.

1990 Depletive Use - estimated amount of water withdrawn, used for supply, and disposed of where no longer available again for area in question.

(Data based on years of record from 1986 to 1988)

Wastewater/Water Quality - This report may be beneficial to those who develop wastewater effluent limitations and wastewater management plans. For instance, if a new sewage treatment plant is proposed in a planning area with significant depletive shallow aquifer withdrawals upstream of the proposed discharge, the Department may suggest to the applicant to verify that historical low streamflows have not decreased as a result of the withdrawals. In the event that the withdrawals are relatively recent, but low flow has been estimated using a long period of (stream discharge) record, low flows may need to be reformulated to reflect reduced streamflow so the discharge will not violate water quality standards. Also, if officials who operate an existing treatment plant upstream of a potable surface water intake/reservoir system are considering tying into a regional plant, they should consult with the Department to determine if their wastewater discharge makes up a portion of the safe yield of the reservoir system. An additional example would be a proposed sewerage collection system upstream of an intake or a trout production stream. If the wastewater is proposed to be conveyed out of the planning area, and the origin of the water is from the local aquifer, unacceptable baseflow reductions may result.

Where surface water is subject to the effects of substantial ground water withdrawals from a shallow aquifer, streamflow may be reduced and consequently more greatly impaired by nonpoint sources of pollution than if the withdrawals were not so significant. Thus, those involved in evaluating waterways impaired by these forms of pollution may want to consider prioritizing those planning areas that are characterized by numerous nonpoint source activities and major depletive uses. Those involved in ground water quality could also find this report useful. The problem associated with shallow aquifers experiencing substantial depletive uses are compounded by extensive ground water contamination. Planning areas that are characterized by both phenomena may deserve additional priority due to coupled effects of both.

Land Use - Officials who are responsible for land use planning and zoning may find this report helpful in determining if the area under their purview should be sewered or remain on septic systems. If present land uses utilize highly depletive forms of wastewater management, resulting in potential

deficits, possibly the future land use could be served by a non-depletive wastewater management mode such as water withdrawals from the shallow aquifer and wastewater discharge to the surface water where stream baseflow reductions are anticipated (so as to "compensate" for the reduction). Or, future land use can be designated to be served by local wells and septic systems, under the purview of an on-site management program to ensure that water quality standards are maintained.

Natural Resources - Since many natural ecological resources in the state are freshwater-dependent, this report may be of interest to biologists, wildlife experts, conservationists, environmental associations, professional and recreational fishermen, and natural resource regulators.

***Statewide Water
Supply Plan (SWSP)***

The Department is nearing completion of the first major revision to the original Statewide Water Supply Master Plan (SWSMP). The original SWSMP was adopted and then distributed in May 1982. It was the first comprehensive statewide plan to examine all aspects of water supply management in a context of extensive public and intergovernmental participation.

The Statewide Water Supply Plan (SWSP) is the basic planning tool of the Department for managing New Jersey's water supply resources. It describes the steps the Department intends to take now and in the immediate future to meet water supply planning and management goals.

The goal of the SWSP is to provide a framework for sound water supply planning, to clearly identify responsibilities, needs and resource capability, and to develop the tools essential to meet those responsibilities.

Preparation, adoption and periodic revision or update of the SWSP are required by the Water Supply Management Act of 1981. The Act states that the SWSP shall be revised and updated at least once every five years. There is no requirement that the recommendations suggested by the SWSP be implemented, but any project which would be supported by the 1981 Water Supply Bond Fund must be included in the SWSP.

In response to the above mentioned guidelines, periodic updates of the plan have also been issued since 1982. These particular updates appeared in 1983, 1985, 1987, 1988, 1991 and 1993. These updates addressed specific elements of the plan, incorporating new information as available. These updates provide only minor adjustments to the structure of the SWSP, though significant projects have been added. The updates also maintain the effectiveness of the SWSP, by keeping the plan relatively current and accurate as situations and technologies change.

The SWSP recognized that depletive water withdrawals are an important consideration in determining the true availability of combined water supplies. Water should be recycled near the point of withdrawal to truly be non-depletive. The discharges below any possible water supply intake in a specified geographic area are, for all intents and purposes, depletive to that particular area. However, if such discharges are made to a stream within that area, it is not considered depletive. If these discharges are made to an outside area's stream, they are considered depletive to the area of origin but available for reuse to the outside area. There existed a need to define a threshold above which withdrawals may cause unacceptable impacts. An index consisting of the ratio of ground water recharge to ground water depletive use was developed as an indicator of the stress on the ground water system within the SWSP revision process.

CHAPTER TWO

Scope/Objectives/Methodology

Study and Geographic Area Breakdown

The SWSP looked at water supply planning of ground and surface water resources in a different context from that in the original SWSMP. Instead of utilizing, for the most part, political boundaries for water supply planning as was done in the original SWSMP, the revision focused on the element in which it is seeking to plan for, namely the water source. In addition, the Department wanted a finer level of understanding for water supply planning and chose a breakdown for the state consisting of a greater number of regions in order to accomplish this task. The original SWSMP consisted of 6 regions as opposed to the SWSP which contains 23 regions.

In order to effectively manage and plan for utilization of ground and surface water supplies, the hydrologic unit must be considered. These units were chosen in order to determine if specific undesirable impacts may be realized within them as a result of the cumulative effects of depletive ground and surface water diversions. These hydrologic units are referred to as Regional Water Resource Planning Areas (RWRPAs). New Jersey has been divided up into 23 RWRPAs. The actual boundaries of these RWRPAs follow the boundaries of major watersheds in the state. Underlying shallow and confined aquifers are also included within the RWRPAs. The boundaries of these major watersheds are shown in **Figure 1**, on page 13.

The selection of the RWRPAs was discussed by planning staff with the New Jersey Geological Survey as well as the United States Geological Survey. The following steps were used for identification of base water sources which formed the final RWRPA boundaries:

- started with the watershed drainage basin map of New Jersey;
- looked at the availability and status of stream gauging stations which were important to confirm recharge estimates previously developed;
- considered existing studies that focused on some of the basins;

New Jersey Watersheds

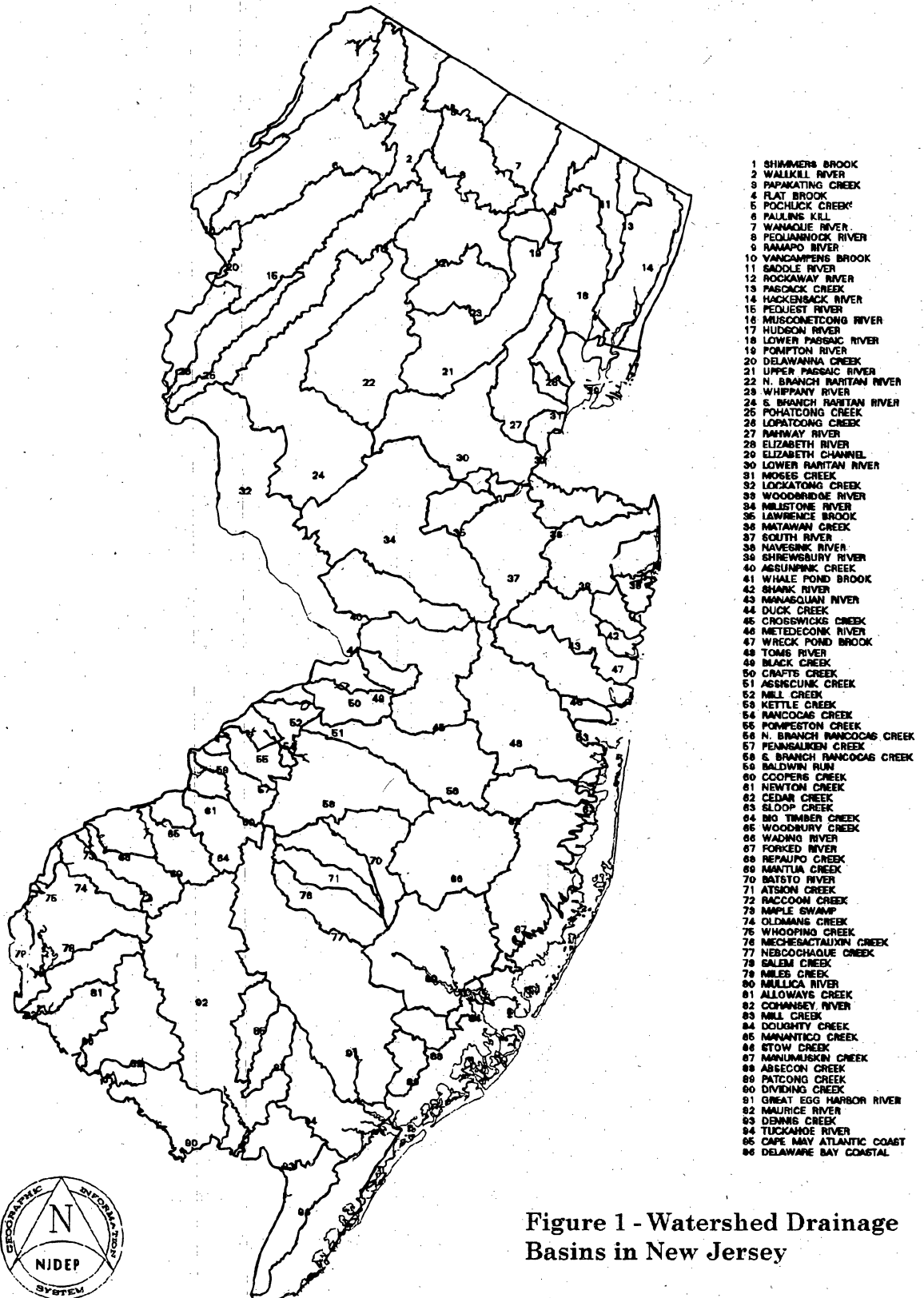


Figure 1 - Watershed Drainage Basins in New Jersey

- considered receiving water bodies for drainage from the basins, recognizing the need to assess the impact on receiving bodies, such as the Atlantic estuaries, of water use upstream;
- compared the drainage basin map to the geological map of the state to potentially use geology as a criteria for subdividing the basins; however, using drainage basins as an assessment criteria will facilitate the development of water budgets from which recharge estimates can later be refined;
- considered existing and planned regional water resources investigations such as the shallow aquifer studies; and
- considered population centers.

In order to facilitate ease in discussing and listing information and for developing the Depletive Water Use database, the RWRPAs were given numbers from 1 to 23 starting at the most northwestern portion of New Jersey (Sussex County) to the most southern portion (Cape May County). The selected boundaries of the RWRPAs are shown in **Figure 2**, on page 16, **Table 2**, on page 15 lists the associated names and numbers of the RWRPAs for easy reference.

***Analysis to
Determine
Depletive
Water Use***

The Bureau of Water Supply Planning and Policy (BWSPP), now located within the Office of Land and Water Planning (OLWP), conducted a six month analysis to develop a database for depletive water use. The database essentially illustrates where surface and ground waters are withdrawn, where they are utilized, and where they are ultimately discharged. The specific formulation of the depletive water use database is discussed in Chapter 3 of this report. The database was used to evaluate the extent of depletive use in the various RWRPAs and also to determine whether a reduction in these depletive uses can potentially extend New Jersey's water supplies.

Specifically, depletive surface and ground water withdrawals for each individual water diversion having either a water allocation permit or agricultural certification were determined by analyzing the connection between surface and ground water withdrawals and the discharge of wastewater effluent. For example, where ground water is withdrawn from an aquifer and subsequently recharged to the same aquifer, the withdrawal is **NOT** considered depletive. Any

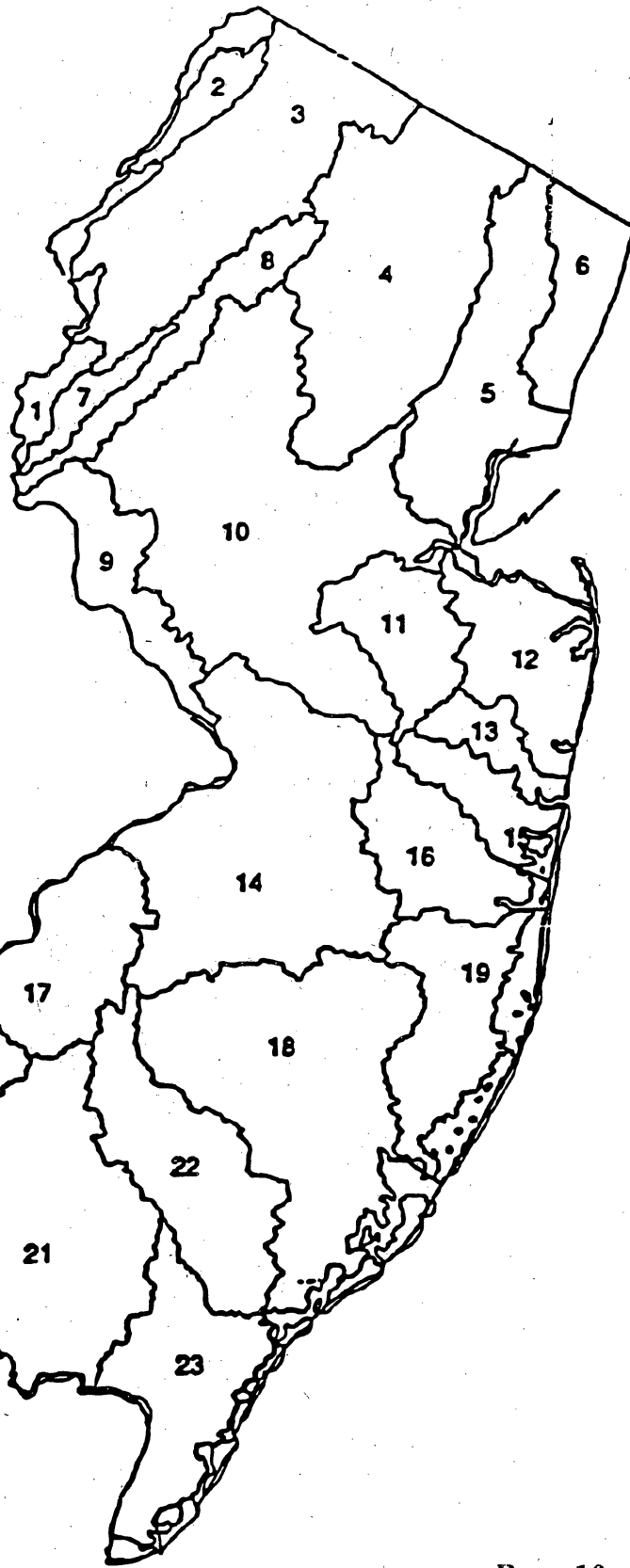
discharges to streams upstream of water supply intakes in a RWRPA are NOT considered depletive to that RWRPA. Any discharges downstream of water supply intakes, but well within the RWRPA, are depletive with respect to the existing surface water supply but NOT with respect to the overall RWRPA. All other discharges, such as a discharge that is exported to another RWRPA or offshore (ocean/bay) are considered depletive to the RWRPA. A depletive surface water use is one where a surface water withdrawal occurs and is not returned within the RWRPA. In addition, professional judgment was used for any borderline case discharges, depending on how close (location) a discharge was with respect to the RWRPA boundary.

Table 2
Names and Numbers of the 23 Regional Water Resource Planning Areas (RWRPAs)

RWRPA NUMBER	NAME
1	Middle Delaware River
2	Flat Brook
3	Walkill/Pequest Rivers/Paulins Kill
4	Upper Passaic River and Tributaries
5	Lower Passaic/Rahway Rivers
6	Hackensack River
7	Pohatcong River
8	Musconetcong River
9	Trenton Delaware Tributaries
10	Raritan River
11	South River
12	Navesink/Swimming River
13	Manasquan River
14	Rancocas River
15	Metedconk River
16	Toms River
17	Camden Delaware Tributaries
18	Mullica River
19	Atlantic Coastal
20	Salem River
21	Maurice River
22	Great Egg Harbor River
23	Cape May Coastal

REGIONAL WATER RESOURCES PLANNING AREAS (RWRPAs)

NAMES AND NUMBERS OF THE 23 REGIONAL WATER RESOURCE PLANNING AREAS (RWRPAs)	
RWRPA #	NAME
1	Middle Delaware River
2	Flat Brook
3	Walkill/Pequest Rivers/Paulins Kill
4	Upper Passaic River and Tributaries
5	Lower Passaic/Rahway Rivers
6	Hackensack River
7	Pohatcong River
8	Musconetcong River
9	Trenton Delaware Tributaries
10	Raritan River
11	South River
12	Navesink/Swimming Rivers
13	Manasquan River
14	Rancocas River
15	Metedeconk River
16	Toms River
17	Camden Delaware Tributaries
18	Mullica River
19	Atlantic Coastal
20	Salem River
21	Maurice River
22	Great Egg Harbor River
23	Cape May Coastal



SOURCE: NJDEP

Figure 2 - Map of the 23 RWRPAs

It should be noted that additional water may be available when sewage treatment plants discharge to streams in other planning areas. Additional water may also be available when sewage treatment plants discharge to streams in the same RWRPA when the stream where the discharge is located does not have surface water intakes on it, or significant depletive ground water withdrawals within the basin. The safe yield of these streams is related to the quantity of the discharge, but water quality must be a factor. For a schematic representation of surface and ground water system flows, refer to **Figure 3 - RWRPA Water Flow Model** found on page 18.

***Diversion Types
Utilized***

The Depletive Water Use database utilized records of surface and ground water diversions which were obtained from the Department's Bureau of Water Allocation. These diversions included public and investor-owned water purveyors, industrial users and agricultural users which utilize surface waters and unconfined and confined ground water aquifers. Specifically, all diversions which comprise the Depletive Water Use database either had Water Allocation Permits allowing withdrawals of 100,000 gallons per day (gpd) or more, or were agricultural users who have Agricultural Certifications for withdrawals of 100,000 gpd or more. A detailed explanation of diversions and other database fields is addressed in Chapter 3.

RWRPA WATER FLOW MODEL

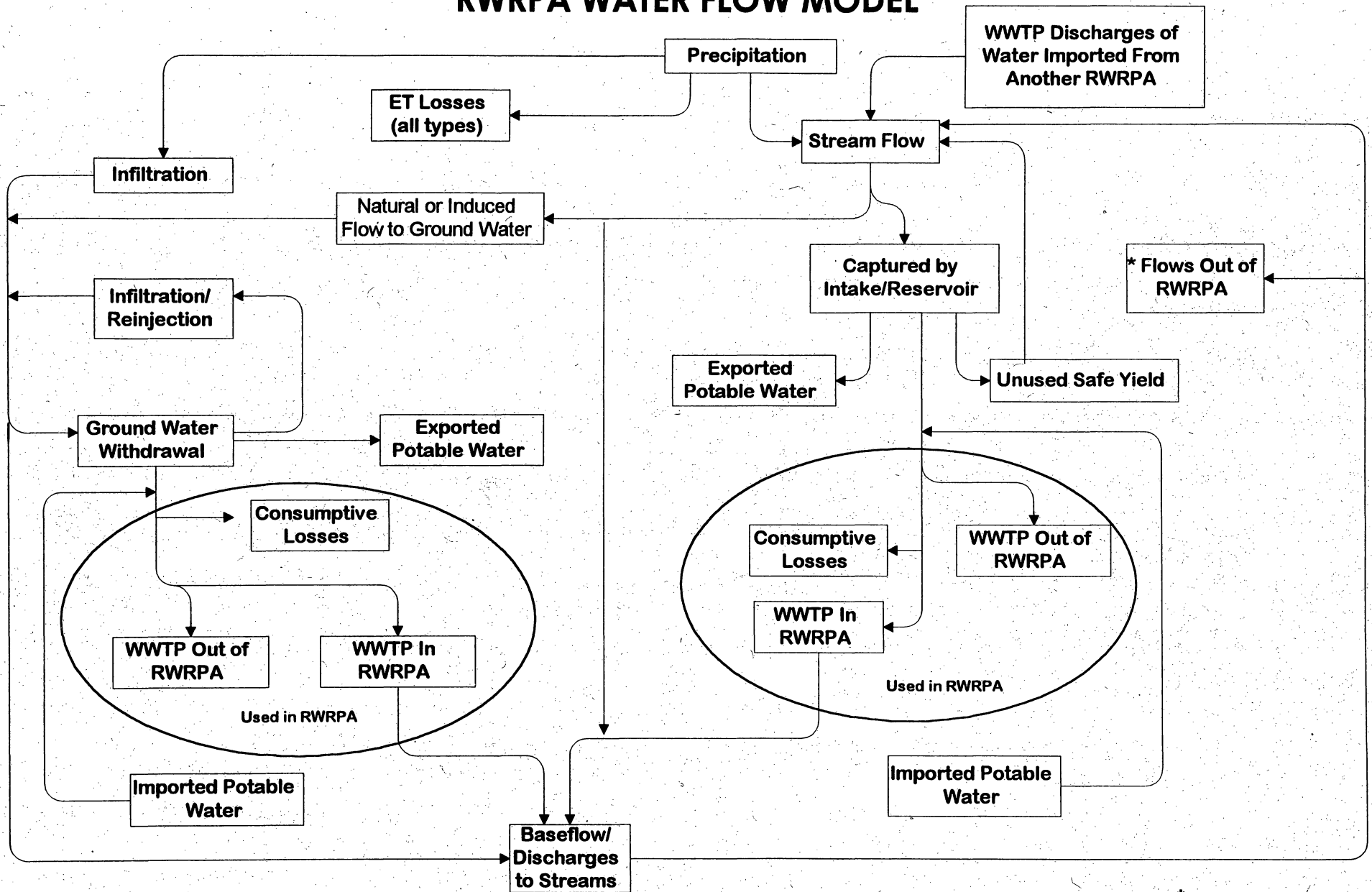


Figure 3 - RWRPA Water Flow Model

* Potentially available for RWRPA use, but below existing Surface Water Facilities

CHAPTER THREE

Spreadsheet Development

Format Requirements

The three basic parameters essential in evaluating the depletive water use are 1) the water withdrawal/ diversion, 2) the area serviced by this withdrawal (utilization area), and 3) the location where the water is discharged after use. These three parameters when used together resulted in a quantifiable evaluation of depletive water use in New Jersey.

A spreadsheet was developed to quantify depletive water use statewide. The software utilized to develop and analyze the Depletive Water Use spreadsheet was Lotus 1-2-3 version 3.1+. Various fields for the spreadsheet were developed to establish a continuity of data input relating to the three basic parameters and thereby evaluating the depletive water use, as explained below.

Explanation of Spreadsheet Fields/Records

The following explanation of spreadsheet fields and data records is divided into three categories which follow the three basic parameters as noted above, 1) Water Withdrawal, 2) Utilization Area, and 3) Discharge Location. The fields discussed below refer to the Depletive Water Use spreadsheet in Appendix A. Table 3 is a listing of the field names and numbers used.

Table 3
Names and Numbers of Depletive Water Use Fields

FIELD NUMBER	FIELD NAME
1	Water Allocation Permit Number
2	Surface or Ground Water Diversion
3	Source Diversion
4	Province
5	Category and Type of Diversion
6	Diversion Location
7	Regional Water Resource Planning Area Number
8	Actual Average Annual Withdrawal
9	NJ Pollutant Discharge Elimination System Permit
10	Wastewater Treatment Plant
11	Discharge Receiving Water
12	Actual Average Annual WWTP Discharge
13	Discharge Location
14	Specific Discharge Location
15	Total Depletive Water Use

Water Withdrawal

In order to develop the information presented in Fields #1 through #8, baseline data were obtained from the Bureau of Water Allocation (BWA), Water Supply Element. In addition, extensive calculations and placements of withdrawals in the various field categories were necessary in order to fulfill the requirements of the Depletive Water Use analysis.

Field #1: (*Water Allocation Permit Number*) This field shows the BWA permit number for a ground or surface water diversion.

Field #2: (*Surface or Ground Water Diversion*) This field shows the name of the water purveyor, industrial withdrawal or agricultural withdrawal diverting water from either ground or surface water which relates directly to the previous Field #1.

Field #3: (*Source Diversion*) This field shows the corresponding surface or ground water diversion code from the BWA. This represents the source of the withdrawal; an aquifer in the case of ground water withdrawal and a river basin or sub-basin in the case of surface water withdrawal. Due to the large number of codes used in this field, they are not shown here in the text. However, these codes are listed in Appendix D.

Field #4: (*Province*) This field lists the physiographic province code where the diversion is located. The state of New Jersey is divided into four basic physiographic provinces, namely Coastal, Piedmont, Highlands and Valley & Ridge. These provinces were further sub-divided into seven areas as noted below:

PROVINCE	CODE
Valley and Ridge	VAR
Highlands	HLD
Glaciated Piedmont	PGL
Unglaciated Piedmont	PUG
Inner Coastal Plain	ICP
Northern Outer Coastal Plain	NOC
Outer Coastal Plain	OCP

For a visual picture of these physiographic provinces, refer to the map of Figure 4, on page 21.

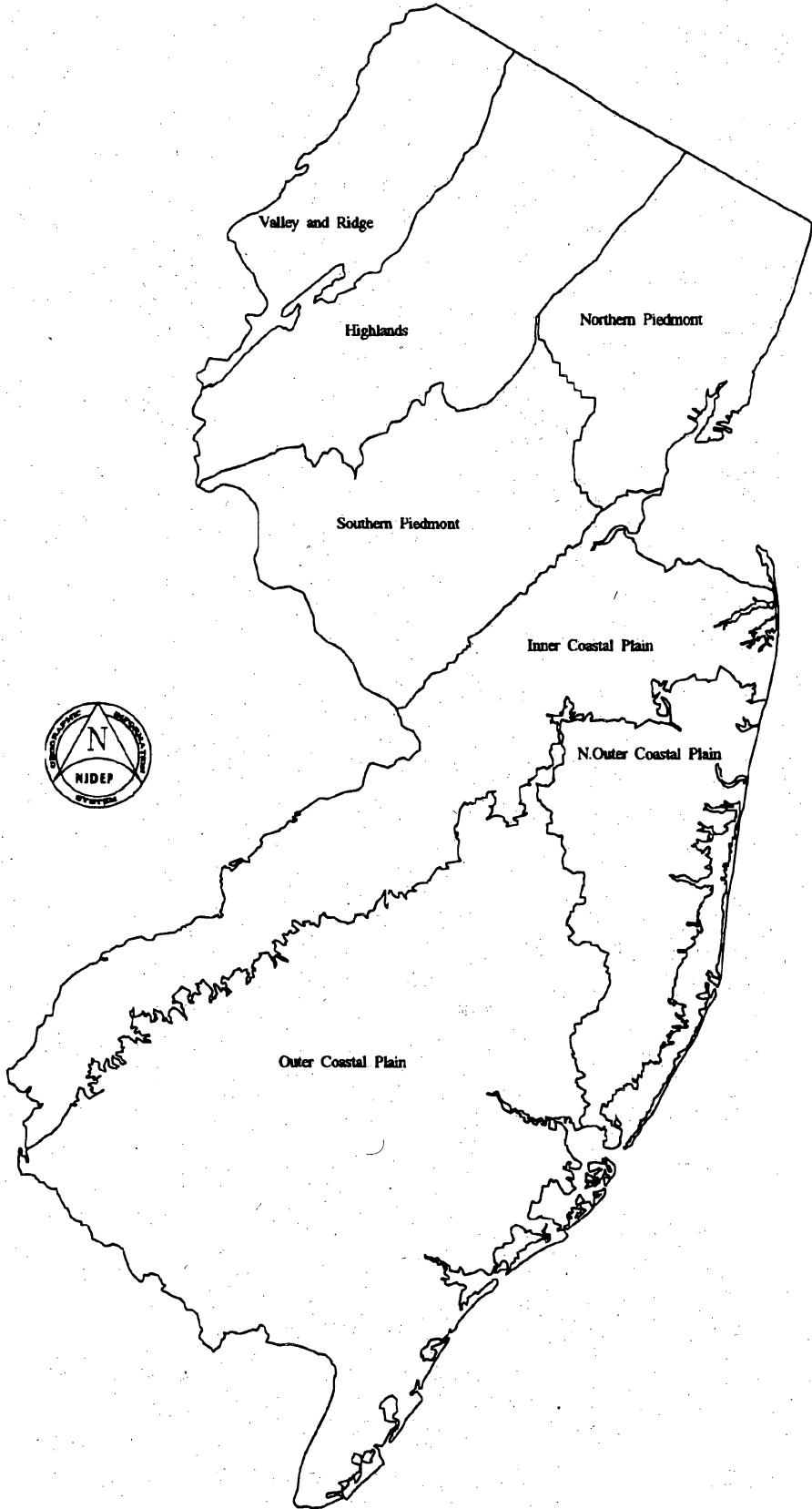


Figure 4 - New Jersey Physiographic Provinces

Field #5: (Category and Type of Diversion) This field identifies the type of use of ground or surface water. Specifically, the notations utilized for this field are:

CODE	USE TYPE
PS	surface water diversion for potable supply
IS	surface water diversion for private/industrial use
AS	surface water diversion for agricultural use
PG	ground water diversion from unconfined aquifer by public water supply system
PGC	ground water diversion from confined aquifer by public water supply system
IG	ground water diversion for private/industrial use
AG	ground water diversion for agricultural use

Field #6: (Diversion Location) This field lists the location of each diversion by a four digit county/municipality code as utilized by the BWA. The first two digits represent the county code and the last two digits represent the municipality code. The counties are coded using odd numbers starting with "01" in alphabetical order. For example, "01" symbolizes Atlantic County and "03" symbolizes Bergen County. The municipalities on the other hand are coded in alphabetical order for each county beginning with number "01" and following consecutive numbering thereafter. The code "0104" represents Atlantic County, Buena Boro.

Due to the large number of codes which represent this field, they are not shown here in the text. However, these codes are listed in Appendix C. (The Department is developing a more accurate data base for some of these diversion locations, which will be stored in a Geographic Information System.)

Field #7: (Regional Water Resource Planning Area Number) This field shows the RWRPA where the diversion is located. New Jersey is divided into 23 RWRPA's, which basically follow the boundaries of the major watersheds of the state. For a visual picture of these major watersheds refer to **Figure 1 - Map of Watershed Drainage Basins in New Jersey** on page 13. **Table 2**, on page 15 lists the names and corre-

sponding numbers of all 23 RWRPA's. **Figure 2**, on page 16 shows the mapped version of the 23 RWRPA's.

Field #8: (*Actual Average Annual Withdrawal*) This field gives the average annual water diversion in million gallons per day (MGD) for each withdrawal listed in the Depletive Water Use spreadsheet. A three year average annual diversion for the period of 1986 to 1988 was used. These years of record were selected for a few reasons. First, these particular years of record provided a diversified hydrologic scenario of events with wet and dry years. Also, baseline data necessary to complete the Depletive Water Use analysis were readily available. Last, this time period closely fit with the SWSP revision's efforts to look at the long range planning horizon of 1990 to 2040.

The amount of water diverted by individual source was used in the Depletive Water Use spreadsheet. For example, if an allocation withdrawal had two sources of supply, one from ground water and one from surface water, these supplies were separated and categorized as explained in Field #5. If a water supply system had wells in unconfined and confined aquifers, these wells were separated and identified as "PG" and "PGC" respectively. In addition, withdrawal amounts from wells were further broken down by specific aquifer formations or surface water sub-basins as indicated in Field #3 above.

It should be noted, when a water purveyor services more than one municipality and these municipalities do not discharge their wastewater to the same treatment plant, the quantity of water withdrawn by this water purveyor was broken down according to the wastewater treatment plant/discharge location (Field #13). The diversion source name (Field #2) and the water allocation permit number (Field #1) for each withdrawal to these municipalities, however, was listed with the original diversion source name (Field #2). This particular situation generally occurred for purveyors with surface water withdrawals who have a large service area comprising a multitude of municipalities and extending to more than one RWRPA. These systems are also interconnected with other water systems, transferring water to such systems on a retail or wholesale basis.

Utilization Area

Due to the large number of municipalities involved in the utilization area of purveyor surface water supply systems, this field was not shown on the Depletive Water Use spreadsheet. However, a separate spreadsheet was prepared, Appendix F, listing the municipalities and the associated water purveyors supplying water to these municipalities. Also shown in Appendix F, Surface Water Diversion Purveyors with Municipalities Served, are the names and the corresponding NJPDES permit numbers of the wastewater treatment plants to which these municipalities discharge their wastewater after use.

Discharge Location

In order to develop the information shown in Field #9 through #14, baseline data were obtained from the Wastewater Facilities Regulation Program, the Municipal Wastewater Assistance Element, the Water Supply Element and the Office of Regulatory Policy (now called the Office of Land and Water Planning.) In addition, certain files from the above mentioned Elements required further research and data extraction in order to fulfill the requirements of the Depletive Water Use analysis.

Field #9: (*New Jersey Pollutant Discharge Elimination System Permit Number*) This field lists the permit numbers with the associated wastewater treatment plants shown in Field #10.

Field #10: (*Wastewater Treatment Plant*) This field shows the name of the wastewater treatment plant (WWTP) receiving the wastewater from the various utilization areas as discussed above, which are supplied by the surface or ground water diversions listed in Field #2.

Field #11: (*Discharge Receiving Water*) This field lists the body of water which receives the wastewater effluent discharge from the WWTP listed in Field #10. The various bodies of water included in this field are: rivers, streams, brooks, creeks, bays, ponds, oceans, ditches, lakes and ground water.

Field #12: (*Actual Average Annual WWTP Discharge*) This field shows the effluent discharge amounts from the WWTP averaged for annual discharge in MGD for the time period 1986 through 1988, which corresponds to the same time period utilized for water withdrawal data in Field #8. As can be seen from the Depletive Water Use spreadsheet in Appendix A, a WWTP name in Field # 10 can appear several times, but the total discharge amount for that particular WWTP is only listed once in Field #12.

Field #13: (*Discharge Location*) this field lists the location of each WWTP discharge by the same four digit county /municipality code utilized by the BWA. (see discussion for Field #6).

Field #14: (*Specific Discharge Location*) this field is separated into two sub-fields. The first sub-field indicates the discharge location relative to whether the withdrawal is depletive or not and also if it is being discharged within the RWRPA. When the discharge was being made to another RWRPA, the second sub-field lists that RWRPA. If no entry was made into this sub-field, then the discharge was being made within the same RWRPA. The discharge codes used and an explanation of their meaning are listed in Table 4 on page 26.

Table 4
Specific Discharge Location Codes

Discharge Code	Interpretation
WAIS	<i>Within RWRPA In-stream:</i> The discharge is to the streams within the RWRPA. The water is assumed to be available for reuse and therefore non-depletive in nature.
WAOS	<i>Within RWRPA On-site:</i> The discharge is on-site within the RWRPA. Examples of such discharge are agricultural use, discharges to the septic system and land disposal. In the case of agricultural use, it was assumed that 50% of the water withdrawal was depletive. (More realistic assumptions will be made at a later date using crop-specific information). All other withdrawals had no depletive water use.
OAS	<i>Outside RWRPA to Stream:</i> The discharge is to streams outside the RWRPA. The water in this category is depletive to the source RWRPA but may be available to the outside RWRPA in the form of a transfer.
OB	<i>Ocean/Bay:</i> The discharge is to the ocean or the bay. This water was assumed to be totally depletive. If the discharge was out of one RWRPA to another and then went to the ocean or bay, then the RWRPA to which the water was transferred to was also shown. The discharge was then depletive to both of the RWRPA's, care being taken that there was no double-counting of water.

Since these four codes in essence explicitly define the depletive water use analysis, these scenarios are also schematically shown in Figure 5 on page 27.

One typical example of each scenario, showing various inputs into the Depletive Water Use spreadsheet to evaluate depletive water in Field #15 is presented in the following Tables 4 to 7.

Field #15: (Total Depletive Water Use) This field shows the depletive water for each withdrawal from Field #2 in MGD. The actual withdrawal quantity (Field #8) was assumed to be totally depletive, when such a depletion was occurring, except in the case of agricultural water use when it was assumed to be only 50% depletive.

Figure 5 - Schematic Scenario of Discharge Codes

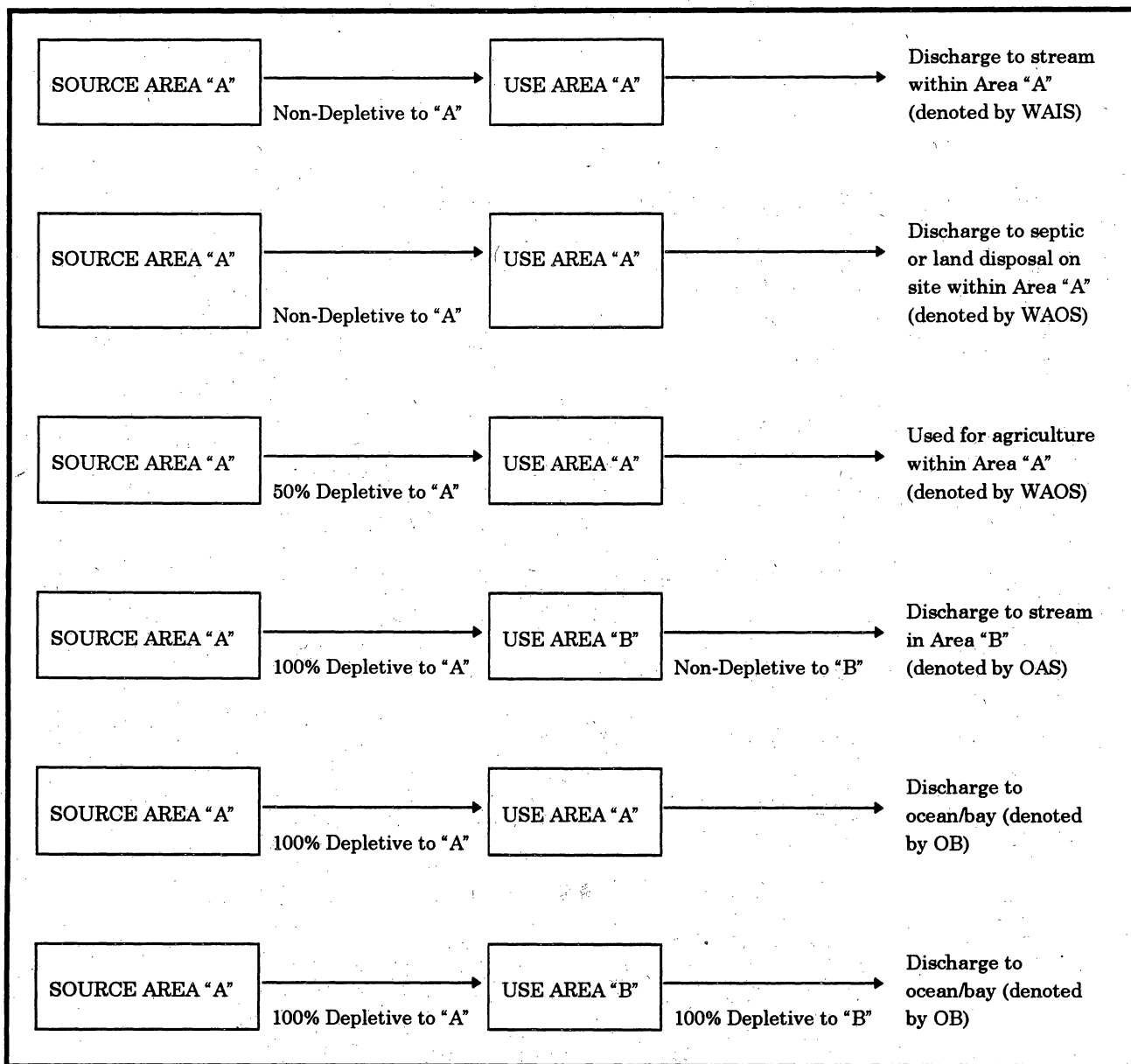


Table 5
Scenario: WAIS (Within RWRPA In-Stream)

Field #1	= Water Allocation Permit #	= 5099		
Field #2	= Surface or Ground Water Diversion	= Passaic Valley Water Commission		
Field #3	= Source Diversion	= SPPAS	= Passaic River	
Field #4	= Province	= PGL	= Glaciated Piedmont	
Field #5	= Category & Type of Diversion	= PS	= Surface water diversion for potable supply	
Field #6	= Diversion Location	= 3105	= Passaic County/Little Falls Twp.	
Field #7	= RWRPA #	= 4	= Upper Passaic River and Tributaries	
Field #8	= Actual Average Annual Withdrawal	= 0.613 mgd		
Field #9	= NJPDES Permit #	= NJ0029386		
Field #10	= Wastewater Treatment Plant	= Two Bridges STP		
Field #11	= Discharge Receiving Water	= Pompton River		
Field #12	= Actual Average Annual WWTP Discharge	= 3.49 mgd (shown elsewhere)		
Field #13	= Discharge Location	= 2716	= Morris County/Lincoln Park Boro	
Field #14	= Specific Discharge Location	= WAIS	= within RWRPA in-stream RWRPA Where Discharge is Being Made	= No entry (same as Field #7)
Field #15	= Total Depletive Water Use	= 0 mgd		

The Passaic Valley Water Commission supplies water to the utilization area of Lincoln Park Boro which is located in RWRPA 4. Lincoln Park treats its wastewater through the Two Bridges STP which is located in Morris County/Lincoln Park Boro within RWRPA 4, and the effluent is discharged to the Pompton River. Therefore, this particular withdrawal has a depletive water use of 0 mgd.

Table 6
Scenario: WAOS (Within RWRPA On-Site)

Field #1	= Water Allocation Permit #	= 2262P	
Field #2	= Surface or Ground Water Diversion	= Upper Montclair Country Club	
Field #3	= Source Diversion	= GTRB	= Brunswick Formation
Field #4	= Province	= PGL	= Glaciated Piedmont
Field #5	= Category & Type of Diversion	= AG	= Agricultural Ground Water
Field #6	= Diversion Location	= 1302	= Essex County/ Bloomfield Town
Field #7	= RWRPA #	= 5	= Lower Passaic/ Rahway Rivers
Field #8	= Actual Average Annual Withdrawal	= 0.086 mgd	
Field #9	= NJPDES Permit #	= N/A	
Field #10	= Wastewater Treatment Plant	= N/A	
Field #11	= Discharge Receiving Water	= N/A	
Field #12	= Actual Average Annual WWTP Discharge	= N/A	
Field #13	= Discharge Location	= 1302	= Essex County/ Bloomfield Town
Field #14	= Specific Discharge Location	= WAOS	= within RWRPA on-site RWRPA Where Discharge is Being Made = 5 = Lower Passaic/ Rahway Rivers
Field #15	= Total Depletive Water Use	= 0.043 mgd	

The withdrawal diversion is used for agricultural use within RWRPA 5 in Bloomfield, Essex County. We assumed that half of the total diversion amount (Field #8) was depletive, while the other half of the diversion was assumed to have returned to the source RWRPA surface and ground water systems as non-depletive.

Table 7
Scenario: OB (Ocean/Bay)

Field #1	= Water Allocation Permit #	= 5099	
Field #2	= Surface or Ground Water Diversion	= Passaic Valley Water Commission	
Field #3	= Source Diversion	= SPPAS	= Passaic River
Field #4	= Province	= PGL	= Glaciated Piedmont
Field #5	= Category & Type of Diversion	= PS	= Surface Water Diversion for potable supply
Field #6	= Diversion Location	= 3105	= Passaic County/ Little Falls Twp.
Field #7	= RWRPA #	= 4	= Upper Passaic River and Tributaries
Field #8	= Actual Average Annual Withdrawal	= 1.556 mgd	
Field #9	= NJPDES Permit #	= NJ0021016	
Field #10	= Wastewater Treatment Plant	= Passaic Valley STP	
Field #11	= Discharge Receiving Water	= Upper New York Bay	
Field #12	= Actual Average Annual WWTP Discharge	= 225.914 mgd (This is the total effluent discharge of WWTP)	
Field #13	= Discharge Location	= 1314	= Essex County/ Newark City
Field #14	= Specific Discharge Location	= OB	= Ocean/Bay RWRPA Where Discharge is Being Made = 5 = Lower Passaic/ Rahway Rivers
Field #15	= Total Depletive Water Use	= 1.556 mgd	

The Passaic Valley Water Commission supplies water to the utilization area of Fair Lawn Boro which is outside RWRPA 4, the withdrawal location. Fair Lawn Boro (RWRPA 5) discharges its wastewater through the Passaic Valley STP to the Upper New York Bay. Therefore, the depletive water use for this particular withdrawal is 1.556 mgd.

Table 8
Scenario: OB - Transfer (Ocean/Bay)

(Transfer of water between two major purveyor systems within the same RWRPA)

Field #1	= Water Allocation Permit #	= 5099		
Field #2	= Surface or Ground Water Diversion	= Passaic Valley Water Commission		
Field #3	= Source Diversion	= SPPAS	= Passaic River	
Field #4	= Province	= PGL	= Glaciated Piedmont	
Field #5	= Category & Type of Diversion	= PS	= Surface Water Diversion for potable supply	
Field #6	= Diversion Location	= 3105	= Passaic County/Little Falls Twp.	
Field #7	= RWRPA #	= 4	= Upper Passaic River and Tributaries	
Field #8	= Actual Average Annual Withdrawal	= 20.465 mgd		
Field #9	= NJPDES Permit #	= NJ0021016		
Field #10	= Wastewater Treatment Plant	= Passaic Valley SC		
Field #11	= Discharge Receiving Water	= Upper New York Bay		
Field #12	= Actual Average Annual WWTP Discharge	= 225.914 mgd (This is the total effluent discharge of WWTP which includes other municipalities)		
Field #13	= Discharge Location	= 1314	= Essex County/Newark City	
Field #14	= Specific Discharge Location	= OB	= Ocean/Bay RWRPA Where Discharge is Being Made	= 5 = Lower Passaic/Rahway Rivers
Field #15	= Total Depletive Water Use	= 20.465 mgd		

The Passaic Valley Water Commission (PVWC) is one of the partners of the North Jersey District Water Supply Commission (NJDWSC). In addition to 46.991 mgd of their own supply from the Passaic River, PVWC also received 35.157 mgd from the NJDWSC as a partnership share for Passaic/Clifton/Paterson, totaling a supply of 82.148 mgd. The 35.157 mgd supply from NJDWSC, whose source is located in RWRPA #4 was assumed as depletive to RWRPA #4 and discharging to the Passaic Valley SC after use by Passaic/Clifton/Paterson. The PVWC also sold water to other municipalities amounting to 26.526 mgd including 5.835 mgd to NJ American WC and 0.198 mgd to Hackensack WC and supplementing supplies to Passaic City, Clifton City, Paterson City, Prospect Park and West Paterson. The additional supplemental amount of 20.465 mgd (82.148 - 35.157 - 26.526) after use by the above five municipalities was treated by the Passaic Valley SC located in Newark City, Essex County and the effluent was discharged to Upper New York Bay. Therefore, the depletive water use for this withdrawal was 20.465 mgd. Since this is a typical case of depletive use involving two major purveyor water systems, this example is also schematically presented on Figure 6, page 32. There were other sales from PVWC which also fall into scenario "OB", and which are depletive to RWRPA #4. These are shown in Figure 6. These dischargers, coded as "OB" and supplied by PVWC are: Nutley, Lodi, Harrison, Elmwood Park, North Arlington, Garfield, Haledon, Hawthorne and Fair Lawn. All of these municipalities discharge their wastewater to Passaic Valley SC.

FIGURE 6

SCHEMATIC OF TABLE #7

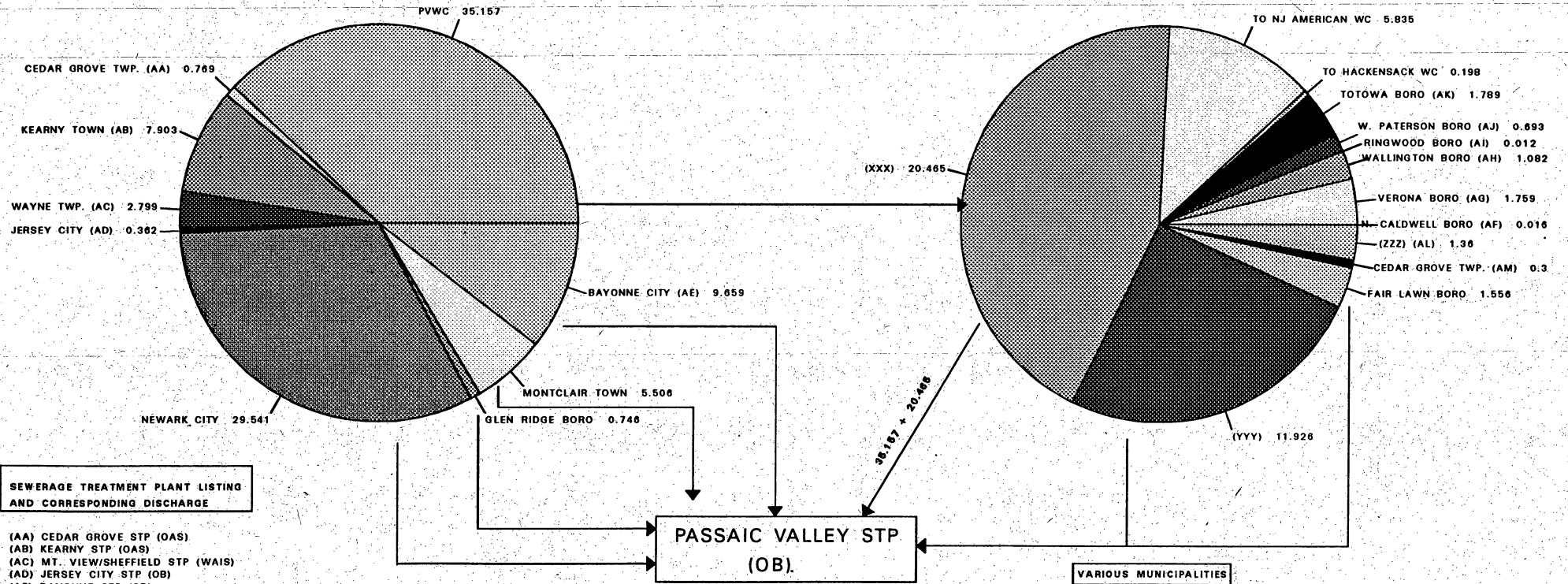
SOURCES IN RWRPA #4

(ALL NUMBERS ARE IN MILLION GALLONS PER DAY)

July 1994

FROM: NORTH JERSEY DISTRICT
WATER SUPPLY COMMISSION

FROM: PASSIAC VALLEY WATER
COMMISSION



SEWERAGE TREATMENT PLANT LISTING AND CORRESPONDING DISCHARGE

- (AA) CEDAR GROVE STP (OAS)
- (AB) KEARNY STP (OAS)
- (AC) MT. VIEW/SHEFFIELD STP (WAIS)
- (AD) JERSEY CITY STP (OB)
- (AE) BAYONNE STP (OB)
- (AF) CALDWELL STP (WAIS)
- (AG) VERONA STP (OAS)
- (AH) WOOD-RIDGE STP (OAS)
- (AI) WANNAQUE REG. STP (OAS)
- (AJ) WEST PATERSON STP (OAS)
- (AK) RIVERVIEW DR. STP (OAS)
- (AL) TWO BRIDGES STP (WAIS)
- (AM) CEDAR GROVE STP (OAS)

VARIOUS MUNICIPALITIES

(XXX) PASSAIC CITY, CLIFTON CITY, PATERSON CITY, PROSPECT PARK BORO, AND PART OF WEST PATERSON.

(YYY) NUTLEY TOWN (2.644), LODI BORO (2.148), HARRISON TOWN (2.010), ELMWOOD PARK BORO (1.870), NORTH ARLINGTON BORO (1.706), GARFIELD BORO (1.377), HALEDON BORO (0.158), HAWTHORNE BORO (0.013).

(ZZZ) BLOOMINGDALE BORO (0.481), FAIRFIELD BORO (0.288), LINCOLN PARK BORO (0.813).

Municipalities Served by Purveyors with Associated WWTPs (Appendix B):

***Supplemental
Databases
Developed***

This database lists all municipalities in the state by name and county/municipality four digit code sorted alphabetically first by county and then within each of the counties, alphabetically by municipality. The corresponding water purveyor names with their number of service connections are also listed for each municipality. In addition, the wastewater treatment plant name and associated NJPDES permit number is linked with each municipality listed in the database. If the municipality or part of the municipality is served by onsite disposal systems, then the word "SEPTICS" appears in the field called "WWTP". In some instances, a few municipalities are served by both a WWTP and septics and listed accordingly. Lastly, the RWRPA location of each municipality is also shown on the database.

The Lotus 1-2-3 version 3.1 software utilized to develop all the supplemental databases listed here is capable of sorting the fields a number of different ways to provide the user with the best possible structure in order to perform a specific task as well as provide a useful reference listing for water supply planning analyses.

Municipality Names with RWRPA and County / Municipality Codes (Appendix E):

This database lists the 567 municipality names sorted alphabetically with their corresponding RWRPA location as well as the four digit county/municipality code.

Surface Water Diversion Purveyors with Municipalities Served (Appendix F):

The final supplemental database shows the source location from which surface water from water purveyor diversions are withdrawn, what municipalities utilize the water and then where the water is discharged. The overall format of this database is very similar to Appendix A, the Depletive Water Use spreadsheet except for the following:

Appendix F includes the utilization area which lists all the municipalities that use the source withdrawal water; Appendix A does not. Appendix F does not contain the field for discharge receiving waters, Appendix A provides these results.

CHAPTER FOUR

Sensitivity Analysis

Problems with the Data (Quality Control)

The effluent flows from a large number of wastewater treatment plants operated by small industrial dischargers were not accurately reported to the Wastewater Facilities Regulation Program of the Department. Efforts were made to go through individual paper files of those systems to re-calculate the effluent discharge amount. The accuracy of the data was improved after careful analysis and re-calculation of the discharge amounts in the paper files. Since most of these industrial discharges were made by smaller industries, the overall impact on the resultant quantitative discharge was not critical. However, the corrections to these data were important to the accuracy of the Depletive Water Use spreadsheet as a whole.

Data from those public wastewater treatment plants which were receiving wastewater flows from the areas supplied by potable water supply systems, however, were found to be reliable and accurate. These quantities were large in comparison to those of smaller industrial discharges and thereby the overall reliability of the results was good.

The Wastewater Facilities Regulation Program is aware of the inaccuracy in the data reported by the industrial dischargers during the 1986-1988 period database. A more reliable reporting of the data is currently taking place. An update of the Depletive Water Use spreadsheet is recommended for a number of reasons. When the spreadsheet is updated by the OLWP's Water Planning Group, more accurate data will be available on industrial dischargers. An update of the spreadsheet is further necessary due to the fact that since the period of 1986-1988 (which was the study period for this report) changes have taken place in the service areas of a few major wastewater treatment facilities. For example, Camden County MUA has included other municipalities into their service area who previously had their own WWTP facilities and will continue to expand in the future. Similarly, the Middlesex County STP has also included other municipalities into their service area. The utilization areas of potable water purveyors are also expanding.

***Uncertainties with
the Assumptions***

There is one major uncertainty in the basic assumption in the agricultural depletive use amounts. It is assumed that 50% of the water withdrawal is depletive for all withdrawals categorized as agricultural use. This may not hold true for certain agricultural uses, such as the cranberry crop, which could be the dominant crop in certain RWRPAs. In the absence of reliable information at the time of compilation, and the fact that the remaining agricultural use of water is for other purposes, the assumption of 50% depletive loss was accepted as an average figure for water supply planning purposes (but not for actual management purposes). Further analysis with respect to agricultural water use is warranted, especially the water use for the cranberry crop, which is non-depletive in nature and predominantly occurs in planning area 18.

The New Jersey Department of Agriculture through the services of the USGS has been conducting a study entitled "Estimated Demand for Agricultural Water for Irrigation Use in New Jersey". However, during the development of the Depletive Water Use spreadsheet, the above mentioned report was not available. The results of this study for the update of the Depletive Water Use spreadsheet should be analyzed and incorporated into the analysis. Further clarification can be made using land use/land cover data for agricultural land uses (from NJDEPE's Geographic Information System) and estimates of irrigated acreage from various agricultural agencies.

The water under discharge code "OB" in field #14 of the Depletive Water Use spreadsheet was assumed to be 100% depletive. If a raw or treated water (from water purveyor diversions) transfer took place from one RWRPA to another and then was discharged to the ocean or bay, this discharge was also considered 100% depletive. This particular assumption was applied to both surface and ground water withdrawals and did not consider the fact that had there been no transfer or withdrawals of surface waters, the flows from the streams would have eventually been discharged to the ocean or bay anyway. Since this basically represents all of the surface water depletive use, this category of the depletive use should be further investigated and a true depletive loss should be quantified. From a viewpoint of the total depletive water use analysis, however, the assumption of surface water being discharged directly to the ocean or bay is acceptable.

CHAPTER FIVE

Spreadsheet Improvements and Recommendations

Refinements to Existing Fields

With regard to the Depletive Water Use spreadsheet found in Appendix A, the second field named "**Surface or Ground Water Diversion**" currently contains public and investor-owned purveyor, industrial and agricultural withdrawal data for surface waters, unconfined ground water and confined ground water. This field should also include residential self-supplied private domestic well data for each municipality in the state, as a certain level of depletion occurs even when septic systems are used. A small percentage of residential, self-supplied systems may discharge to WWTP's.

This modification could be an addition to the existing "Surface and Ground Water Diversion" field by including a code for this type of diversion within the fourth field named "Category and Type Diversion". However, data regarding actual diversion source and withdrawal amount does not exist for residential self-supplied private domestic wells. Therefore, it may be best to include data on residential wells on a separate table or spreadsheet. This particular change could be accomplished by utilizing the SWSP revision water balance model database outputs from Tasks 2 and 3.

Information such as the number of residential wells indicated by the 1990 census by municipality, per capita usage rates and sewer service areas exist in these and other databases, would assist in the development of residential domestic well data by municipality.

The last field in the Depletive Water Use database "**Total Depletive Water Use**" should be modified the following way:

Divide this particular field into two new fields to show depletive water use as being either 1) direct sewage or 2) raw/treated water from water purveyor diversion transfers from adjacent RWRPA's. This could further be broken down to sub-watersheds so that any level of aggregation is possible. This could be accomplished by using the detailed water purveyor breakdowns for surface and ground water (from the baseline BWA files) which were developed for construction of the Depletive Water Use spreadsheets. In addition, database

outputs from Tasks 2 and 3 could also be utilized to assist in this effort.

Withdrawal and Discharge Locations could be improved from the current municipal code to an accurate field location. When combined with other GIS information, automated identification of depletive uses will be possible with respect to RWRPA, individual water source, municipality or county.

***Additions of New
Fields***

"Total Number of Wells"; this new field should be added to the Depletive Water Use spreadsheet in order to show the total number of wells for each water allocation withdrawal. This task could be accomplished by utilizing existing data from the BWA baseline files previously provided. The current arrangement shows the total water allocation withdrawal, which could be from one well or several wells.

"Withdrawal Rank Order (Upstream to Downstream)"; this new field could actually show three different pieces of information within one field. The following six digit coding system could be used:

- first and second digits would indicate the RWRPA location of the withdrawals;
- third and fourth digits would indicate the sub-basin each withdrawal is located within each RWRPA;
- fifth and sixth digits would indicate the specific order of each withdrawal from upstream to downstream within the sub-basin of the RWRPA.

This could be accomplished by using a listing which was prepared during the development of the Depletive Water Use spreadsheet which shows RWRPA's 1 to 23 with the municipalities ranked from upstream to downstream. This particular listing needs to be quality checked for accuracy and also does not contain sub-basin breakdowns for the RWRPA's.

"Total Consumptive Water Use"; this new field could show how consumptive the various withdrawals are as well as the categories of withdrawals (industrial, agricultural, residential, etc.). This can be calculated for water supply planning purposes from the existing fields in the spreadsheet, namely the Actual Average Annual Withdrawal and the Actual Average Annual WWTP Discharge amounts.

"Water Utilization Area"; this information does exist as a separate spreadsheet only for surface water purveyors in Appendix F. This new field could show the actual municipality or municipalities that a withdrawal serves for the remaining withdrawals not covered in Appendix F. For example, a water purveyor with a withdrawal from an unconfined aquifer provides water to three different municipalities in one county. This information is critical in determining and linking where water supplies originate, where they are used and then ultimately where they are discharged. This new field can be developed using BWA quarterly reports and staff report files, Water Quality Planning files which contain wastewater treatment plant information and Areawide Water Quality Management Plan reports, and the information collected during the development of the Depletive Water Use spreadsheet.

CHAPTER SIX

Results and Conclusions

RWRPA by RWRPA Depletive Use Outcomes

The impacts of depletive water use on regional and statewide water supplies are summarized in **Table 9** found on page 42. This table shows the actual diversions (in MGD), depletive water (in MGD), and depletive water as a percent of diversion for both surface and ground water uses.

The net depletive water use for each RWRPA is computed as the total depletive water minus the water which the area received as discharged water (OAS) from outside its own RWRPA. This water which was categorized as "OAS" however, was assumed to be equal to the diverted water from the source RWRPA.

The discharge made to the outside RWRPA under the "OAS" category, however, is a discharge from a WWTP, which could in reality be less than the diverted amount due to system losses and consumptive uses in the RWRPA of origin. In certain cases, this could be even higher than the diverted amount, where the stormwater is being discharged through a WWTP. This discharge could also be affected by to infiltration/inflow.

The results of the study are tabulated in **Table 9**. These results are presented below:

- Total statewide permitted diversion of surface water was about 1645 mgd, averaged for 1986-1988;
- Total statewide permitted diversion of ground water was about 635 mgd, averaged for 1986-1988;
- Total depletive use of surface water was about 489 mgd, whereas that of ground water was 260 mgd;
- Surface water depletive use was 29.7% of total surface water diversion with all the industrial withdrawals considered and 70.2% if the industries using water as once-through systems are omitted;
- Ground water depletive use was 40.9% of total ground water diversion with all the industrial withdrawals

considered and 41.3% if the industries using water as once-through systems are omitted;

- Total surface water that was depletive to one RWRPA but was available to the stream in another RWRPA for reuse was about 33 mgd. The same scenario from ground water discharged to surface water and available as surface water for reuse was about 22 mgd. The total "OAS" water was therefore 55 mgd. This quantity, however, was taken as the diverted water in the RWRPA, and could be less than the amount shown, due to being discharged as effluent to the stream as mentioned earlier.

A cursory examination of diversion versus the effluent discharge from WWTPs shows that 20% of diverted water is lost due to system losses and consumptive use. This means that the "OAS" amount when reduced by 20% will give about 44 mgd as "OAS" depletive water available for reuse. The depletive surface water when reduced by total OAS water gives 434 (489 - 55) mgd as net depletive water, which reduces the surface depletive loss in percent of diversion to 26.4% instead of 29.7% when all of the industries are considered and 61.1% instead of 70.2% if the industries using water as once-through systems are omitted. Table 9 was developed using Lotus 1-2-3 version 3.1+ software.

Impacts of Depletive Use / Future Steps

The Depletive Water Use analysis can be utilized to assess the impacts of current and proposed depletive withdrawals on the state's various water supply systems. This analysis in combination with the ongoing Statewide Water Supply Plan revision employs the methodology of an inflow/outflow model in each of the 23 RWRPAs. The outflow component is important in that reductions in that fraction can result in stream depletion and saltwater migration. Reductions are caused by the out-of-basin transfers of surface or ground water, either through water purveyor raw/treated diversion transfers or water withdrawals that are converted to sewage and treated /discharged to an adjacent RWRPA, which are all considered depletive.

The above mentioned assessment for depletive use has been prepared roughly for each of the 23 RWRPAs. In the future, the assessment should be expanded to evaluate depletive withdrawals above potable water supply intakes so as to estimate the impact on safe yield. Once completed, depletive

uses proposed in the Water Quality Management Plan (WQMP) amendments could be assessed in these cases. In addition, similar evaluations could be made of WQMP amendments that would result in depletive ground water withdrawals near the saltwater/freshwater interface in aquifers vulnerable to saltwater intrusion so as to insure that WWTP projects would not compromise the integrity of regional water supplies. While the expanded database is being compiled for reservoir streams and existing and potential wells near the aquifer salt front, depletive use thresholds should be developed with the assistance of the NJGS and USGS to insure that hydrological assumptions are sound and non-conjectural.

With the above analysis in place, water supply quantity and quality would be integrated with respect to insuring that depletive WWTP projects do not deplete reservoir streams or accelerate saltwater intrusion in regional water supply aquifer systems.

In addition, the above approach could be expanded to take into consideration regional freshwater-dependent natural resources that are vulnerable to depletive losses. Among the resources that the approach would methodically evaluate would be trout production/maintenance streams, non-degradation streams (Category 1), shellfish and other environmentally-sensitive streams and sub-basins where high value wetlands are areally extensive. The various resources could be ranked with respect to their vulnerability to depletive freshwater loss and their sensitivity to changes in water quality.

The secondary and cumulative impacts to water supplies and natural resources could be minimized if depletive sewerage could be reduced. Also, the approach could be used to flag streams and rivers that have dischargers on them and where low flow may be reduced by upstream depletive use. The approach for water supplies and natural resources as discussed above may prove to be helpful in maintaining parallel plans at both the local and regional scales. If fully adopted, the Department would be aware well in advance where future depletive and/or non-depletive sewerage could be appropriately located. If the Department knew where these

Table 9
Impacts of Depletive Water Use on Regional Water Supplies

RWRPA	TOTAL AVAILABLE WATER	ACTUAL DIVERSION (MGD)		DEPLETIVE WATER (MGD)		DEPLETIVE WATER AS % OF DIVERSION		OAS DEPLETIVE WATER (MGD)		NET DEPLETIVE [-] NET GAIN [+] (MGD)	
		SURFACE	GROUND	SURFACE	GROUND	SURFACE	GROUND	SURFACE	GROUND	SURFACE	GROUND
1	20.1	19.063	12.751	0.135	0.219	0.7%	1.7%	0.000	0.294	-0.135	0.075
2	10.1	0.000	0.000	0.000	0.000	0.0%	0.0%	0.000	0.000	0.000	0.000
3	88.5	9.815	9.674	0.075	1.804	0.8%	18.6%	0.135	0.219	0.060	-1.585
4	500.5	268.096	68.122	249.905	20.163	93.2%	29.6%	23.238	3.822	-226.667	-16.341
5	56.1	30.605	41.206	17.015	22.713	55.6%	55.1%	0.000	0.574	-17.015	-22.139
6	95.7	96.481	3.929	2.586	0.066	2.7%	1.7%	8.100	0.574	5.514	0.508
7	9.8	78.464	1.995	0.000	0.294	0.0%	14.7%	0.651	1.586	0.651	1.292
8	26.8	0.000	4.255	0.000	1.846	0.0%	43.4%	0.000	1.587	0.000	-0.259
9	83.6	103.639	6.442	0.031	0.055	0.0%	0.9%	0.000	0.000	-0.031	-0.055
10	270.5	152.137	41.023	133.580	24.642	87.8%	60.1%	0.835	6.766	-132.745	-17.876
11	32.7	0.902	43.308	0.814	34.005	90.2%	78.5%	0.000	0.000	-0.814	-34.005
12	64.2	30.947	22.493	29.563	20.437	95.5%	90.9%	0.000	0.347	-29.563	-20.090
13	39.1	0.366	6.932	0.185	6.758	50.5%	97.5%	0.000	0.000	-0.185	-6.758
14	134.8	646.949	36.355	9.724	2.890	1.5%	7.9%	0.371	2.382	-9.353	-0.508
15	11.2	1.163	13.927	1.153	13.927	99.1%	100.0%	0.000	0.000	-1.153	-13.927
16	20.0	8.104	22.485	7.891	15.415	97.4%	68.6%	0.000	0.000	-7.891	-15.415
17	36.8	73.999	104.056	0.372	2.801	0.5%	2.7%	0.000	2.980	-0.372	0.179
18	72.8	38.498	85.982	20.944	49.113	54.4%	57.1%	0.000	0.494	-20.944	-48.619
19	25.0	0.032	7.579	0.016	7.563	50.0%	99.8%	0.000	0.000	-0.016	-7.563
20	43.3	16.697	12.230	12.841	9.883	76.9%	80.8%	0.000	0.000	-12.841	-9.883
21	54.0	67.387	53.690	1.103	10.292	1.6%	19.2%	0.000	0.000	-1.103	-10.292
22	31.1	0.825	17.287	0.415	3.875	50.3%	22.4%	0.000	0.000	-0.415	-3.875
23	29.0	0.353	18.873	-0.177	10.879	50.1%	57.6%	0.000	0.000	-0.177	-10.879
TOTAL	1755.7	1644.522	634.594	488.525	259.640	29.7%	40.9%	33.330	21.625	-455.195	-238.015
<MINUS>											
*Industrial Use		948.300	5.810	0.000	0.000	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX
TOTAL		696.222	628.784	488.525	259.640	70.2%	41.3%	22.302	23.756	-466.223	-235.884

* Denotes industries using water for once-through system, and those not affecting the flow of the surface water streams.

activities would take place, ultimate point and non-point source loadings could be estimated and subsequently apportioned for the various municipalities comprising the RWRPA.

For example, since reservoir and environmentally-sensitive streams (trout production, shellfish areas, etc.) should not be impaired by significant depletive uses, sewerage in these areas would be harmful unless this infrastructure was of a non-depletive nature or replacement water was transported into the basin from an adjacent basin. Therefore, development in these areas would be limited to non-depletive private well/septic systems under this scenario.

The benefits derived from the discharge of ground water withdrawals as wastewater should also be considered. Such discharges made above a surface water intake could provide added flows to the streams during drought or low flow conditions and also a variety of other benefits. For example, in the Delaware Basin, current wastewater discharges made below the last surface water intake provide salinity control, navigation flows and waste assimilation.

Many of the issues outlined here require a sound and easily updatable database. In addition, the analyses that would be required necessitate a visual ability to present the information. The format necessary to accomplish this would be, in addition to any database/spreadsheet development, a mapped format utilizing the existing GIS which resides within the Department. With these two pieces of information available, the Department would be able to comprehensively evaluate and proactively plan for current and future water supplies for the state of New Jersey.

Appendix A

Depletive Water Use Spreadsheet

Appendix A Depletive Water Use Data

Water Allocation Permit Number	Surface or Ground Water Diversion	Source Diversion	Province	Category & Type of Diversion	Diversion Location	R W R P A #	Actual Average Annual Withdrawal (MGD)	NJPDES Permit Number	Waste Water Treatment Plant (WWTP)	Discharge Receiving Water	Actual Average Annual WWTP Discharge (MGD)	Discharge Location	Specific Discharge Location		Total Depletive Water Use (MGD)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
5158	NEW JERSEY - AMERICAN W.C.	GPCOK	HLD	PG	4123	1	0.121	35114	BELVIDERE STP	DELAWARE RIVER	0.224	4103	OAS	3	0.121
5158	BUCKHORN SPRING WC	SD	HLD	PS	4123	1	0.135	35114	BELVIDERE STP	DELAWARE RIVER		4103	OAS	3	0.135
2343P	WARREN ENERGY RESOURCE	GCKLH	HLD	IG	4123	1	0.098		BELVIDERE STP	DELAWARE RIVER		4103	OAS	3	0.098
2232P	HOFFMAN-LA ROCHE	SDEL	HLD	IS	4123	1	2.180	4952	HOFFMAN LA ROCHE	DELAWARE RIVER	2.092	4123	WAIS		
2232P	HOFFMAN-LA ROCHE	GCOK	HLD	IG	4123	1	0.431	4952	HOFFMAN LA ROCHE	DELAWARE RIVER		4123	WAIS		
2128P	INGERSOL-RAND COMPANY	GCOK	HLD	IG	4119	1	0.334	4049	INGERSOLL RAND CO	LOPATCONG RIVER	0.093	4119	WAIS		
2238P	J.T. BAKER INC.	GCOK	HLD	IG	4115	1	1.648	4006	J T BAKER INC	DELAWARE RIVER	1.920	4119	WAIS		
2410P	McGINLEY MILLS	GCKA	HLD	IG	4119	1	0.155	87254	MCGINLEY MILLS	DELAWARE RIVER	N/A	4119	WAIS		
4023PS	MERRILL CREEK OWNERS GROUP	SDEL	HLD	IS	4110	1	16.000	N/A	N/A	DELAWARE RIVER	N/A	4110	WAOS		
4020PS	MERRILL CREEK OWNERS GROUP	SD	HLD	IS	4110	1	0.748	N/A	N/A		N/A	4110	WAOS		
2345P	HARMONY SAND & GRAVEL	GOKR	HLD	IG	4123	1	0.000	N/A	N/A		N/A	4123	WAOS		
2006P	NJ DIV. OF FISH GAME & WILDLIFE	GQSD	HLD	IG	4123	1	8.543	33189	PEQUEST TROUT HATCHERY	PEQUEST RIVER	0.465	4123	WAIS		
2128P	INGERSOL-RAND COMPANY	GCOK	HLD	IG	4119	1		24716	PHILLIPSBURG STP	LOPATCONG CREEK		4119	WAIS		
5125	GARDEN STATE WATER CO.	GQSD	HLD	PG	4115	1	3.361	24716	PHILLIPSBURG STP	LOPATCONG CREEK		4119	WAIS		
2129P	HILLCREST REALTY	GCOK	HLD	IG	4119	1	0.060	24716	PHILLIPSBURG STP	LOPATCONG CREEK		4119	WAIS		
4029PS	BASF CORPORATION	SDEL	VAR	IS	4103	3	0.256	5118	BASF CORP	DELAWARE RIVER	0.195	4103	WAIS		
5359	FRANKLIN BORO	SHWAL	HLD	PS	3706	3	0.405		FRANKLIN STP		0.250	3706	WAIS		
5281	PEQUEST WC	GCOK	HLD	PG	4101	3	0.247	21369	HACKETTSTOWN MUA	MUSCONETCONG RIVER		4122	OAS	7	0.247
2230P	HOFFMAN-LA ROCHE	GCOK	VAR	IG	4103	3	0.047	52523	HOFFMAN LA ROCHE	PEQUEST RIVER	0.046	4103	WAIS		
2154P	LIMESTONE PRODUCTS	GPCFL	VAR	IG	3701	3	5.516	35564	LIMESTONE PRODS	BR PAULINSKILL RIVER	0.017	3701	WAIS		
5358	SPARTA TWP	GCOK	HLD	PG	3718	3	0.754	27821	MUSCONETCONG STP	MUSCONETCONG RIVER		2727	OAS	8	0.754
5217	SPARTA TWP	GCOK	HLD	PG	3704	3	0.189	27821	MUSCONETCONG STP	MUSCONETCONG RIVER		2727	OAS	8	0.189
2121P	PHOTECH IMAGING SYSTEMS	GCOK	VAR	IG	3715	3	0.127	20184	NEWTON STP	MOORES BROOK		3715	WAIS		
5225	NEWTON TOWN	SHWAL	HLD	PS	3718	3	0.895	20184	NEWTON STP	MOORES BROOK	1.040	3715	WAIS		
4004PS	JERSEY CENTRAL POWER & LIGHT	SD	VAR	IS	4104	3	7.010	N/A	N/A		N/A	4104	WAOS		
WA0018	KENCO LAND	SDPST	HLD	AS	4114	3	0.012	N/A	N/A		N/A	4114	WAOS		0.006
WA0007	GODLEWSKY FARMS	GPC	HLD	AG	4114	3	0.083	N/A	N/A		N/A	4114	WAOS		0.042
2097P	SEASONS AT GREAT GORGE	GCOK	HLD	AG	3722	3	0.174	N/A	N/A		N/A	3722	WAOS		0.087
WA0018	KENCO LAND	SDPST	HLD	AS	4112	3	0.041	N/A	N/A		N/A	4112	WAOS		0.021
2395P	NEWTON COUNTRY CLUB	GOMB	VAR	AG	3715	3	N/A	N/A	N/A		N/A	3715	WAOS		0.000
WA0017	KENCO LAND	SDPST	HLD	AS	4112	3	0.014	N/A	N/A		N/A	4112	WAOS		0.007
WA0004	PRYSLAK FARMS	GOKO	HLD	AG	4114	3	0.828	N/A	N/A		N/A	4114	WAOS		0.414
2161P	NJ ZINC CO.	GPCFL	HLD	IS	3716	3	0.131	N/A	N/A		N/A	3716	WAOS		
WA0007	GODLEWSKY FARMS	SDPST	HLD	AS	4114	3	0.023	N/A	N/A		N/A	4114	WAOS		0.012
WA0001	BOLZAN R	GOKO	HLD	AG	4114	3	0.037	N/A	N/A		N/A	4114	WAOS		0.019
2289P	P. MICHELOTTI SONS	GPCGN	HLD	IG	3718	3	0.326	N/A	N/A		N/A	3718	WAOS		
WA0016	KENCO LAND	GOKO	HLD	AG	4112	3	0.049	N/A	N/A		N/A	4112	WAOS		0.025
SU0002	KENCO LAND	GOMB	HLD	AG	3722	3	0.060	N/A	N/A		N/A	3722	WAOS		0.030
4043PS	FARMSTEAD GOLF & COUNTRY	SDPAU	HLD	AS	3702	3	0.033	N/A	N/A		N/A	3702	WAOS		0.017
2021P	SPRING BROOK COUNTRY CLUB	SP	VAR	AS	3724	3	0.024	N/A	N/A		N/A	3724	WAOS		0.012

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Water Allocation Permit Number	Surface or Ground Water Diversion	Source Diversion	Province	Category & Type of Diversion	Diversion Location	R W R P A #	Actual Average Annual Withdrawal (MGD)	NJPDES Permit Number	Waste Water Treatment Plant (WWTP)	Discharge Receiving Water	Actual Average Annual WWTP Discharge (MGD)	Discharge Location	Specific Discharge Location	Total Depletive Water Use (MGD)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
4045PS	OXFORD TEXTILE INC.	SDPST	HLD	IS	4117	3	0.926	4901	OXFORD TEXTILE INC	FURNACE BROOK	0.763	4117	WAIS	
5098	FOREST LAKES WC	GQSD	HLD	PG	3702	3	0.131	N/A	SEPTICS/ANDOVER	GROUND WATER		3702	WAOS	
5263	ANDOVER BORO WD	GQSD	VAR	PG	3701	3	0.109	N/A	SEPTICS/ANDOVER	GROUND WATER		3702	WAOS	
5140	LAKE LENAPE WC	GQSD	HLD	PG	3702	3	0.045	N/A	SEPTICS/ANDOVER	GROUND WATER		3702	WAOS	
5002	BRANCHVILLE BORO	SD	VAR	PS	3705	3	0.047	N/A	SEPTICS/BRANCHVILLE	GROUND WATER		3705	WAOS	
5188	HAMBURG BORO	GQTM	HLD	PG	3709	3	0.297	N/A	SEPTICS/HAMBURG	GROUND WATER		3709	WAOS	
5002	BRANCHVILLE BORO	GCOK	VAR	PG	3703	3	0.062	N/A	SEPTICS/Paulinus Kill	GROUND WATER		3703	WAOS	
5181	HIGHLAND LAKES IMP CO	SPPNK	HLD	PS	3722	3	0.043	N/A	SEPTICS/VERNON	GROUND WATER		3722	WAOS	
5251	ODGENSBURG BORO	GQSD	HLD	PG	3716	3	0.168	27057	SPARTA TWP PLAZA	TRIB OF WALKILL RIVER	0.040	3718	WAOS	
5251	ODGENSBURG BORO	GPCFL	HLD	PG	3716	3	0.137	27057	SPARTA TWP PLAZA	TRIB OF WALKILL RIVER		3718	WAOS	
5292	SUSSEX BORO WD	SHAP	VAR	PS	3724	3	0.211	21857	SUSSEX BORO STP	WALKILL RIVER	0.311	3721	WAIS	
5344	WALLKILL WC	GCOK	HLD	PG	3711	3	0.032	53350	UPPER WALLKILL STP	WALKILL RIVER	0.754	3711	WAIS	
5295	ROXBURY TWP WD	GQSD	HLD	PG	2736	4	0.008	22675	AJAX TERRACE STP	BLACK RIVER		2736	OAS	10 0.008
2117P	ALLIED - SIGNAL INC.	GTRB	HLD	IG	2722	4	0.096	31305	ALLIED SIGNAL INC	PASSAIC RIVER	0.555	2722	WAIS	
2117P	ALLIED - SIGNAL INC.	GQGU	HLD	IG	2722	4	0.530	31305	ALLIED SIGNAL INC	PASSAIC RIVER		2722	WAIS	
5329	NO. JERSEY DWSC	SPWAN	HLD	PS	3113	4	9.659	*	BAYONNE STP/PASSAIC VALL S C	KILL VAN KULL/UPPER NY	6.961	1701	OB	5 9.659
5008	NEW JERSEY - AMERICAN W.C.	SPUPP/CAN	PGL	PS	1310	4	0.129	28495	BEDMINISTER STP	RARITAN RIVER	0.178	3501	OAS	10 0.129
5008	NEW JERSEY - AMERICAN W.C.	SPUPP/CAN	PGL	PS	1310	4	1.750	27961	BERKELEY HGTS STRP	PASSAIC RIVER	1.786	3901	WAIS	
5008	NEW JERSEY - AMERICAN W.C.	SPUPP/CAN	PGL	PS	1310	4	0.706	26387	BERNARDSVILLE STP	MINE BROOK	0.354	3503	OAS	10 0.706
5288	JERSEY CITY DEPT WATER	SPROC	PGL	PS	2701	4	1.150	20427	CALDWELL STP	PASSAIC RIVER		1303	WAIS	
5115	ESSEX FELS TWP	GTRB	PGL	PG	1322	4	1.742	20427	CALDWELL STP	PASSAIC RIVER		1303	WAIS	
5099	PASSAIC VALLEY WC	SPPAS	PGL	PS	3105	4	0.016	20427	CALDWELL STP	PASSAIC RIVER		1303	WAIS	
5114	ESSEX FELS TWP	GTRB	PGL	PG	1318	4	1.749	20427	CALDWELL STP	PASSAIC RIVER	4.179	1303	WAIS	
5329	NO. JERSEY DWSC	SPWAN	HLD	PS	3113	4	0.769	25330	CEDAR GROVE STP	PECKMAN RIVER	1.683	1304	OAS	5 0.769
5099	PASSAIC VALLEY WC	SPPAS	PGL	PS	3105	4	0.300	25330	CEDAR GROVE STP	PECKMAN RIVER		1304	OAS	5 0.300
2331P	CESSNA AIRCRAFT CORP.	GQSD	HLD	IG	2702	4	0.000	99074	CESSNA AIRCRAFT	GROUND WATER	N/A	2702	WAOS	
10248W	CHATHAM TWP	GQSD	PUG	PG	2705	4	0.019	20290	CHATHAM STP	BLACK BROOK		2705	WAIS	
5264	SE MORRIS CTY MUA	GQSD	PUG	PG	2713	4	0.511	20290	CHATHAM STP	BLACK BROOK	0.712	2705	WAIS	
5008	NEW JERSEY - AMERICAN W.C.	SPUPP/CAN	PGL	PS	1310	4	1.242	20290	CHATHAM STP	BLACK BROOK		2705	WAIS	
2158P	CIBA-GEIGY, PHARM. DIV.	GTRB	PUG	IG	3918	4	0.345	540	CIBA-GEIGY CORP	PASSAIC RIVER	0.294	3918	WAIS	
2403P	US ARMY ARMAMENT RESEARCH	SPROC	HLD	IS	2735	4	N/A	2500	DEPT OF THE ARMY	GREEN POND BROOK	0.242	2735	WAIS	
2403P	US ARMY ARMAMENT RESEARCH	GQSD	HLD	IG	2735	4	N/A	2500	DEPT OF THE ARMY	GREEN POND BROOK		2735	WAIS	
2339P	EXXON RESEARCH & ENGINEERING	GQTM	PGL	IG	2711	4	0.120	3478	EXXON RES & ENG	BLACK RIVER	0.118	2711	WAIS	
2340P	NEW JERSEY - AMERICAN W.C.	GQSD	PGL	IG	2711	4	N/A	25518	FLORHAM PARK STP	PASSAIC RIVER		2711	WAIS	
5214	FLORHAM PARK BORO	GQSD	PGL	PG	2711	4	1.239	25518	FLORHAM PARK STP	PASSAIC RIVER	0.848	2711	WAIS	
2109P	FORD MOTOR CO.	GQSD	PGL	IG	0333	4	0.088	2704	FMC ASSEM PL	UNLINED DITCH	0.141	0333	WAOS	
2189P	GIVAUDAN CORPORATION	GTRB	HLD	IG	2710	4	0.337	1651	GIVAUDAN CORP	PASSAIC RIVER	0.420	2710	WAIS	
2271P	GREYSTONE PSY. HOSP	GTRB	PGL	IG	2729	4	0.155	26689	GREYSTONE PSYCH HOSP	VAQUI POND TO WHIPPANY RIVER	0.300	2729	WAOS	
5299	SE MORRIS CTY MUA	GQSD	PGL	PG	2712	4	5.293	24902	HANOVER STP	WHIPPANY RIVER	4.040	2712	WAIS	

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
5008	NEW JERSEY - AMERICAN W.C.	SPUPP/CAN	PGL	PS	1310	4	1.063	22845	HARRISON BROOK STP	DEAD RIVER TRIB		3502	WAIS	
5013	NEW JERSEY - AMERICAN W.C.	GTRB	PUG	PG	3502	4	0.396	22845	HARRISON BROOK STP	DEAD RIVER TRIB	1.360	3502	WAIS	
5268 2074P	JERSEY CITY DEPT WATER HOWMET TURBINE COMPONENTS CORP.	SPROC GQSD	PGL HLD	PS IG	2701 2735	4 4	8.000 0.210	26085 1635	HOBOKEN STP HOWMET TURBINE COMP	HUDSON RIVER ROCKAWAY RIVER		1705 2735	OAS WAIS	6 8.100
10399W 5329	LOZIER'S TRAILER PARK NO. JERSEY DWSC	GPC SPWAN	HLD HLD	PG PS	2714 3113	4 4	0.001 0.362	26887 *	JEFFERSON TWP STP JERSEY CITY STP #1 AND #2	MITTS POND HUDSON	0.150 41.143	2714 1706	WAIS OB	6 0.362
5268	JERSEY CITY DEPT WATER	SPROC	PGL	PS	2701	4	38.510	*	JERSEY CITY STP #1 AND #2	HUDSON RIVER/NEWARK BAY		1706	OB	6 38.511
2304P 5046 5069 5123 5008	NOE PIERSON CORPORATION CHATHAM BORO MADISON BORO NEWARK CITY NEW JERSEY - AMERICAN W.C.	GTRB GQSD GQSD SPPNK SPUPP/CAN	PGL PGL PGL HLD PGL	IG PG PG PS PS	2704 2704 2717 3115 1310	4 4 4 4 4	0.079 1.018 1.655 6.094 10.191	24937 24937 24937 24741 24741	JOINT MEETING JOINT MEETING JOINT MEETING JT MTG STP JT MTG STP	PASSAIC RIVER PASSAIC RIVER PASSAIC RIVER ARTHUR KILL ARTHUR KILL	2.920	2704 2704 2704 3904 3904	WAIS WAIS WAIS OB OB	5 5 6.094 10.191
5008	NEW JERSEY - AMERICAN W.C.	GQSD	PGL	PG	1312	4	6.228	24741	JT MTG STP	ARTHUR KILL	65.316	3904	OB	5 6.228
5329 2146P	NO. JERSEY DWSC INDUSTRIAL ELECTRIC PRODUCTS	SPWAN GTRB	HLD PGL	PS IG	3113 1310	4 4	7.903 0.046	22161 24511	KEARNY STP LIVINGSTON STP	HACKENSACK RIVER PASSAIC RIVER	2.253	1707 1310	OAS WAIS	5 7.903
5074 2412P	LIVINGSTON TWP McWILLIAMS FORGE COMPANY	GTRB GPC	PGL HLD	PG IG	1310 2734	4 4	3.108 0.230	24511 2496	LIVINGSTON STP MC WILLIAMS FORGE CO	PASSAIC RIVER ROCKAWAY RIVER	3.721	1310 2734	WAIS WAIS	
2412P	McWILLIAMS FORGE COMPANY	SPROC	HLD	IS	2734	4	0.132	2496	MC WILLIAMS FORGE CO	ROCKAWAY RIVER	0.689	2734	WAIS	
2078P 2196P	MENNEN COMPANY MORRISTOWN MEMORIAL HOSPITAL	GQTM GTRB	HLD PUG	IG IG	2722 2724	4 4	0.082 0.235	35238 25496	MENNEN CO MORRISTOWN STP	WHIPPANY RIVER WHIPPANY RIVER	0.108	2722 2724	WAIS WAIS	
5264 5329 5123 5199 5309 5061	SE MORRIS CTY MUA NO. JERSEY DWSC NEWARK CITY OAKLAND BORO WAYNE TWP NETCONG BORO	GTRB SPWAN SPPNK GQSD GTRB GQSD	PUG HLD HLD PGL PGL HLD	PG PS PS PG PG PG	2724 3113 3115 0342 3114 2728	4 4 4 4 4 4	0.066 2.799 3.950 1.373 0.305 0.166	25496 * * * * 27821	MORRISTOWN STP MT. VIEW/SHEFFIELD MT. VIEW/SHEFFIELD MT. VIEW/SHEFFIELD MT. VIEW/SHEFFIELD MUSCONETCONG STP	WHIPPANY RIVER * * * *	3.131 8.362	2724 3114 3114 3114 3114 2727	WAIS WAIS WAIS WAIS WAIS OAS	8 0.166
5008	NEW JERSEY - AMERICAN W.C.	SPUPP/CAN	PGL	PS	1310	4	1.847	21636	NEW PROVIDENCE STP	PASSAIC RIVER	0.965	3919	WAIS	
5081 5076 5076 5341 5341 2132P	HACKENSACK WC RAMSEY BORO RAMSEY BORO MAHWAH TWSP MAHWAH TWSP BERGEN COUNTY PARK COMM.	GQSD GTRB GTRB GQSD GQSD GTRB	PGL PGL PGL PGL PGL PGL	PG PG PG PG PG AG	0320 0333 0348 0333 0333 0333	4 4 4 4 4 4	0.836 0.094 0.458 0.057 2.377 0.012	24813 24813 24813 24813 24813 N/A	NW BERGEN CTY NW BERGEN CTY NW BERGEN CTY NW BERGEN CTY NW BERGEN CTY N/A	HOHOKUS BROOK HOHOKUS BROOK HOHOKUS BROOK HOHOKUS BROOK HOHOKUS BROOK HOHOKUS BROOK	7.350	0364 0364 0364 0364 0364 0333	OAS OAS OAS OAS OAS WAOS	5 5 5 5 5 0.006
MR0009 2297P	CONDURSO'S RIVER FARM PREAKNESS HILL COUNTRY CLUB	SPROC GTRB	PGL PGL	AS AG	2721 3114	4 4	0.016 0.035	N/A N/A	N/A N/A	N/A N/A	N/A N/A	2721 3114	WAOS WAOS	0.008 0.018
2297P	PREAKNESS HILL COUNTRY CLUB	GQSD	PGL	AG	3114	4	0.020	N/A	N/A	N/A	N/A	3114	WAOS	0.010

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
2200P	MT. HOPE ROCK PRODUCTS	GQSD	HLD	IG	2734	4	0.388	N/A	N/A		N/A	2734	WAOS		0.013
2058P	BOWLING GREEN GOLF CLUB	SP	HLD	AS	2714	4	0.025	N/A	N/A		N/A	2714	WAOS		0.016
2383P	MORRIS COUNTY PARK COMMISSION	GQGU	PGL	AG	2731	4	0.031	N/A	N/A		N/A	2731	WAOS		
2063P	HIGH MOUNTAIN GOLF CLUB	GTRB	PGL	AG	0320	4	0.013	N/A	N/A		N/A	0320	WAOS		0.007
2058P	BOWLING GREEN GOLF CLUB	GCOK	HLD	AG	2714	4	0.002	N/A	N/A		N/A	2714	WAOS		0.001
2063P	HIGH MOUNTAIN GOLF CLUB	GQSD	PGL	AG	0320	4	0.014	N/A	N/A		N/A	0320	WAOS		0.007
2263P	MOUNTAIN RIDGE COUNTRY CLUB	GTRB	PGL	AG	1307	4	0.080	N/A	N/A		N/A	1307	WAOS		0.030
2305P	FAIRMONT COUNTRY CLUB	GTRB	PGL	AG	2704	4	0.057	N/A	N/A		N/A	2704	WAOS		0.029
4031PS	BROOKLAKE COUNTRY CLUB	SP	PGL	AS	2711	4	0.017	N/A	N/A		N/A	2711	WAOS		0.009
2298P	ECHO LAKE COUNTRY CLUB	GTRB	PGL	AG	0320	4	0.056	N/A	N/A		N/A	0320	WAOS		0.028
2025P	MORRIS COUNTY GOLF CLUB	GQSD	PUG	AG	2724	4	0.039	N/A	N/A		N/A	2724	WAOS		0.020
MR0007	TOURNE VALLEY FARM	SPROC	HLD	AS	2708	4	0.041	N/A	N/A		N/A	2708	WAOS		0.021
2000P	SOMERSET COUNTY PARK COMM.	GTRB	PUG	AG	3520	4	0.009	N/A	N/A		N/A	3520	WAOS		0.005
2358P	MENDHAM GOLF & TENNIS	GQTM	HLD	AG	2719	4	0.007	N/A	N/A		N/A	2719	WAOS		0.004
PA0001	KUEHM BROS FARM	SPPOM	PGL	AS	3114	4	0.060	N/A	N/A		N/A	3114	WAOS		0.030
2342P	MORRIS COUNTY PARK COMMISSION	GTRB	PGL	AG	2711	4	0.032	N/A	N/A		N/A	2711	WAOS		0.016
2265P	CEDAR HILL COUNTRY CLUB	GTRB	PGL	AG	1310	4	0.050	N/A	N/A		N/A	1310	WAOS		0.025
PA0001	KUEHM BROS FARM	GTBH	PGL	AG	3114	4	0.023	N/A	N/A		N/A	3114	WAOS		0.012
2374P	ORANGE PRODUCTS INC.	GQSD	PGL	IG	2711	4	N/A	1490	ORANGE PRODS INC	PASSAIC RIVER	0.001	2711	WAIS		
5300	SE MORRIS CTY MUA	GQSD	PGL	PG	2729	4	0.286	24970	PAR TROY HILLS STP	WHIPPANY RIVER		2729	WAIS		
5238	MOUNTAIN LAKES BORO	GQSD	HLD	PG	2702	4	0.677	24970	PAR TROY HILLS STP	WHIPPANY RIVER	10.928	2729	WAIS		
5238	MOUNTAIN LAKES BORO	GQSD	HLD	PG	2725	4	0.003	24970	PAR TROY HILLS STP	WHIPPANY RIVER		2729	WAIS		
5299	SE MORRIS CTY MUA	GQSD	HLD	PG	2710	4	0.839	24970	PAR TROY HILLS STP	WHIPPANY RIVER		2729	WAIS		
5238	MOUNTAIN LAKES BORO	GBSD	HLD	PG	2708	4	0.022	24970	PAR TROY HILLS STP	WHIPPANY RIVER		2729	WAIS		
5180	MONTVILLE TWP MUA	GTRBS	PGL	PG	2721	4	0.423	24970	PAR TROY HILLS STP	WHIPPANY RIVER		2729	WAIS		
2206P	PFIZER, INC.-COSUMER PRODUCT	GQGU	PGL	IG	2729	4	0.568	24970	PAR TROY HILLS STP	WHIPPANY RIVER		2729	WAIS		
5180	MONTVILLE TWP MUA	GTRBS	PGL	PG	2721	4	0.924	24970	PAR TROY HILLS STP	WHIPPANY RIVER		2729	WAIS		
10279W	PLAUSHA PARK WC	GTRBS	PGL	PG	2721	4	0.013	24970	PAR TROY HILLS STP	WHIPPANY RIVER		2729	WAIS		
5072	E HANOVER TWP	GQSD	HLD	PG	2710	4	1.400	24970	PAR TROY HILLS STP	WHIPPANY RIVER		2729	WAIS		
2199P	GIVAUDAN CORPORATION	GTRB	HLD	IG	2710	4		24970	PAR TROY HILLS STP	WHIPPANY RIVER		2729	WAIS		
2118P	SANDOZ INC.	GQSD	HLD	IG	2710	4		24970	PAR TROY HILLS STP	WHIPPANY RIVER		2729	WAIS		
5269	ELIZABETHTOWN WC	GQSD	HLD	PG	2710	4	0.085	24970	PAR TROY HILLS STP	WHIPPANY RIVER		2729	WAIS		
5180	MONTVILLE TWP MUA	GTRBS	PGL	PG	2721	4	0.006	24970	PAR TROY HILLS STP	WHIPPANY RIVER		2729	WAIS		
5236	PARSIPPANY TROY HILL	GQSD	PGL	PG	2729	4	5.963	24970	PAR TROY HILLS STP	WHIPPANY RIVER		2729	WAIS		
5008	NEW JERSEY - AMERICAN W.C.	SUPP/CAN	PGL	PS	1310	4	1.003	24465	PASSAIC TWP. STP	PASSAIC RIVER	0.923	2730	WAIS		
5099	PASSAIC VALLEY WC	SPPAS	PGL	PS	3105	4	2.148	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	5	2.148
5099	PASSAIC VALLEY WC	SPPAS	PGL	PS	3105	4	2.010	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	5	2.010
5099	PASSAIC VALLEY WC	SPPAS	PGL	PS	3105	4	1.556	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	5	1.556
5099	PASSAIC VALLEY WC	SPPAS	PGL	PS	3105	4	20.465	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	5	20.465
5040	EAST ORANGE CITY	GTRB	PGL	PG	1312	4	2.728	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	5	2.728

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Water Allocation Permit Number	Surface or Ground Water Diversion	Source Diversion	Province	Category & Type of Diversion	Diversion Location	R W R P A #	Actual Average Annual Withdrawal (MGD)	NJPDES Permit Number	Waste Water Treatment Plant (WWTP)	Discharge Receiving Water	Actual Average Annual WWTP Discharge (MGD)	Discharge Location	Specific Discharge Location	Total Depletive Water Use (MGD)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
5099	PASSAIC VALLEY WC	SPPAS	PGL	PS	3105	4	0.013	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	5	0.013
5099	PASSAIC VALLEY WC	SPPAS	PGL	PS	3105	4	0.158	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	5	0.158
5329	NO.JERSEY DWSC	SPWAN	HLD	PS	3113	4	0.746	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	5	0.746
5099	PASSAIC VALLEY WC	SPPAS	PGL	PS	3105	4	1.377	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	5	1.377
5099	PASSAIC VALLEY WC	SPPAS	PGL	PS	3105	4	2.644	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	5	2.644
5099	PASSAIC VALLEY WC	SPPAS	PGL	PS	3105	4	1.706	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	5	1.706
5329	NO.JERSEY DWSC	SPWAN	HLD	PS	3113	4	35.157	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	5	35.157
5123	NEWARK CITY	SPPNK	HLD	PS	3115	4	52.734	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	5	52.734
5329	NO.JERSEY DWSC	SPWAN	HLD	PS	3113	4	29.541	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	5	29.541
5041	EAST ORANGE CITY	GQSD	PGL	PG	2711	4	3.462	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	5	3.462
5099	PASSAIC VALLEY WC	SPPAS	PGL	PS	3105	4	1.870	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	5	1.870
5040	EAST ORANGE CITY	GTRB	PGL	PG	1312	4	0.882	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	5	0.882
5268	JERSEY CITY DEPT WATER	SPROC	PGL	PS	2701	4	1.950	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	5	1.950
5041	EAST ORANGE CITY	GQSD	PGL	PG	1310	4	2.653	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	5	2.653
5329	NO.JERSEY DWSC	SPWAN	HLD	PS	3113	4	5.506	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	5	5.506
5315	POMPTON LAKES BORO	GQSD	PGL	PG	3109	4	1.368	23698	POMPTON LAKES	POMPTON RIVER	2.148	3109	WAIS	5	2.169
5008	NEW JERSEY - AMERICAN W.C.	SPUPP/CAN	PGL	PS	1310	4	2.169	24643	RAHWAY VALL STP	ARTHUR KILL		3913	OB	5	2.169
2256P	REHEIS CHEMICAL CO.	GTRBS	PUG	IG	3901	4	0.502	2551	REHEIS CHEMICAL CO	TRIB PASSAIC RIVER	0.546	3901	WAIS	5	1.789
5099	PASSAIC VALLEY WC	SPPAS	PGL	PS	3105	4	1.789	22071	RIVERVIEW DR. STP		1.080	3112	OAS	5	1.789
5071	WHARTON BORO	GBSD	HLD	PG	2709	4	0.145	22349	ROCKAWAY VALLEY	ROCKAWAY RIVER		2729	WAIS		
5144	ROCKAWAY BORO WD	GQSD	HLD	PG	2735	4	0.266	22349	ROCKAWAY VALLEY	ROCKAWAY RIVER		2729	WAIS		
5110	BOONTON TOWN WD	SP	PGL	PS	2721	4	0.555	22349	ROCKAWAY VALLEY	ROCKAWAY RIVER		2729	WAIS		
5258	DENVILLE TWP WD	GQSD	HLD	PG	2732	4	0.574	22349	ROCKAWAY VALLEY	ROCKAWAY RIVER		2729	WAIS		
5257	DENVILLE TWP WD	GQTM	HLD	PG	2708	4	1.160	22349	ROCKAWAY VALLEY	ROCKAWAY RIVER		2729	WAIS		
5109	BOONTON BORO	GQSD	HLD	PG	2702	4	0.405	22349	ROCKAWAY VALLEY	ROCKAWAY RIVER	7.937	2729	WAIS		
5248	ROCKAWAY TWP WD	GQSD	HLD	PG	2735	4	1.016	22349	ROCKAWAY VALLEY	ROCKAWAY RIVER		2729	WAIS		
5100	DOVER TOWN WD	GBSD	HLD	PG	2709	4	2.908	22349	ROCKAWAY VALLEY	ROCKAWAY RIVER		2729	WAIS		
5071	WHARTON BORO	GQSD	HLD	PG	2739	4	0.333	22349	ROCKAWAY VALLEY	ROCKAWAY RIVER		2729	WAIS		
5144	ROCKAWAY BORO WD	GQSD	HLD	PG	2734	4	1.033	22349	ROCKAWAY VALLEY	ROCKAWAY RIVER		2729	WAIS		
2118P	SANDOZ INC.	GQSD	HLD	IG	2710	4	0.440	1155	SANDOZ PHARMACEUTICALS	BLACK BROOK	0.434	2710	WAIS		
5099	PASSAIC VALLEY WC	SPPAS	PGL	PS	3105	4	0.613	29386	TWO BRIDGES STP	POMPTON RIVER		2716	WAIS		
5099	PASSAIC VALLEY WC	SPPAS	PGL	PS	3105	4	0.461	29386	TWO BRIDGES STP	POMPTON RIVER		2716	WAIS		
5128	BUTLER BORO	SPPNK	HLD	PS	2703	4	0.842	29386	TWO BRIDGES STP	POMPTON RIVER		2716	WAIS		
5102	FAIRFIELD TWP	GQSD	PGL	PG	1307	4	0.238	29386	TWO BRIDGES STP	POMPTON RIVER		2716	WAIS		
5099	PASSAIC VALLEY WC	SPPAS	PGL	PS	3105	4	0.286	29386	TWO BRIDGES STP	POMPTON RIVER		2716	WAIS		
5102	FAIRFIELD TWP	GQSD	PGL	PG	1307	4	0.503	29386	TWO BRIDGES STP	POMPTON RIVER	3.490	2716	WAIS		

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
5113	PEQUANNOCK TWP	GQSD	PGL	PG	2731	4	1.519	29386	TWO BRIDGES STP	POMPTON RIVER		2716	WAIS	
5123	NEWARK CITY	SPPNK	HLN	PS	3115	4	0.520	29386	TWO BRIDGES STP	POMPTON RIVER		2716	WAIS	
5067	RIVERDALE BORO	GTRB	HLN	PG	2733	4	0.201	29386	TWO BRIDGES STP	POMPTON RIVER		2716	WAIS	
5102	FAIRFIELD TWP	GQSD	PGL	PG	2716	4	0.262	29386	TWO BRIDGES STP	POMPTON RIVER		2716	WAIS	
5151	FAYSON LAKE WC	GPC	HLN	PG	2715	4	0.212	29386	TWO BRIDGES STP	POMPTON RIVER		2716	WAIS	
5099	PASSAIC VALLEY WC	SPPAS	PGL	PS	3105	4	1.759	24490	VERONA STP	PECKMAN RIVER	2.050	1320	OAS	5 1.759
5099	PASSAIC VALLEY WC	SPPAS	PGL	PS	3105	4	0.012	53759	WANAQUE REGIONAL	WANAQUE RIVER		3113	OAS	5 0.012
5345	RINGWOOD BORO WD	GPC	HLN	PG	3111	4	0.153	53759	WANAQUE REGIONAL	WANAQUE RIVER	0.653	3113	WAIS	
5239	WANAQUE BORO	GQSD	HLN	PG	3113	4	1.003	53759	WANAQUE REGIONAL	WANAQUE RIVER		3113	WAIS	
5345	RINGWOOD BORO WD	GPC	HLN	PG	3111	4	0.010	53759	WANAQUE REGIONAL	WANAQUE RIVER		3113	WAIS	
5345	RINGWOOD BORO WD	GQSD	HLN	PG	3111	4	0.088	53759	WANAQUE REGIONAL	WANAQUE RIVER		3113	WAIS	
2195P	WARNER LAMBERT COMPANY	GQSD	HLN	IG	2723	4	0.472	2542	WARNER LAMBERT CO	WATNONG BROOK	0.205	2723	WAIS	
5083	W MILFORD TWO MUA	GPCGR	HLN	PG	3115	4	0.279	27869	WEST MILFORD MUA	WANAQUE RIVER	0.250	3115	WAIS	
5099	PASSAIC VALLEY WC	SPPAS	PGL	PS	3105	4	0.693	22098	WEST PATERSON STP		1.440	3116	OAS	5 0.693
2078P	MENNEN COMPANY	GQTM	HLN	IG	2722	4		24929	WOODLAND STP	LOANTAKA BROOK	1.380	2722	WAIS	
5099	PASSAIC VALLEY WC	SPPAS	PGL	PS	3105	4	1.082	25186	WOOD-RIDGE STP	BERRY'S CREEK		0368	OAS	5 1.082
2056P	ATLAS TOOL CO.	GTRB	PGL	IG	3907	5	0.052	35980	ATLAS TOOL CO	ELIZABETH RIVER	0.060	3907	WAIS	
5064	HO-HO-KUS BORO WD	GTRB	PGL	PG	0328	5	0.572	20028	BERGEN CTY STP	HACKENSACK RIVER		0330	OAS	6 0.572
2309P	CARPENTER TECHNOLOGY CORP.	GTRB	PGL	IG	3919	5	0.165	52931	CARPENTER TECH	RAHWAY RIVER	0.131	3919	WAIS	
2241P	CHEVRON, USA INC.	GKRF	ICP	IG	2316	5	0.000	221	CHEVRON USA	ARTHUR KILL	1.368	2316	OB	0.000
2138P	CUSTOM MOLDERS	GTRB	PGL	IG	3916	5	0.059	52531	CUSTOM MLDRS CORP	CEDAR BROOK	0.100	3916	WAIS	
2363P	ESSEX COUNTY HOSPITAL	GTRB	PGL	IG	1304	5	0.384	21687	ESSEX CTY SANITORIUM	PECKMAN RIVER	0.297	1304	WAIS	
4028PS	EXXON COMPANY	SY	PGL	IS	3909	5	10.092	1511	EXXON BAYWAY REFIN	ARTHUR KILL	N/A	3909	OB	10.092
2246P	FARMLAND DAIRIES	GTRB	PGL	IG	0365	5	0.142	33511	FARMLAND DAIRIES	SADDLE RIVER BROOK	0.037	0365	WAIS	
2306P	HAYWARD MANUF.	GTRB	PGL	IG	3919	5	0.040	60500	HAYWARD POOL PRODS	DREDGE POND	N/A	3919	WAOS	
2233P	HOFFMAN-LA ROCHE	GTRB	PGL	IG	1316	5	0.169	34185	HOFFMAN LA ROCHE	ST. PAULS BROOK	3.707	1316	WAIS	
2320P	HONEYCOMB PLASTICS CORP.	GTRB	PGL	IG	1707	5	0.260	73741	HONEYCOMB PLASTICS	PASSAIC RIVER	0.074	1707	WAIS	
2224P	HYATT CLARK INDUSTRIES	GTRB	PGL	IG	3902	5	0.319	1066	HYATT CLARK IND	RAHWAY RIVER	0.107	3902	WAIS	
2016P	ITT AVIONICS DIV.	PGL	IG	IG	1316	5	0.040	20435	ITT - DCD	PASSAIC RIVER	0.119	1316	WAIS	
5050	ELIZABETHTOWN WC	GTRB	PGL	PG	3919	5	1.797	24741	JT MTG STP	ARTHUR KILL		3904	OB	1.797
2276P	SCHERING PLOUGH LABS	GTRB	PGL	IG	3919	5	0.449	24741	JT MTG STP	ARTHUR KILL		3904	OB	N/A
5073	S ORANGE TWP	GTRB	PGL	PG	1319	5	1.499	24741	JT MTG STP	ARTHUR KILL		3904	OB	1.499
2081P	CERTIFIED PROCESSING CORP.	GTRB	PGL	IG	3907	5	0.072	24741	JT MTG STP	ARTHUR KILL		3904	OB	0.072
2168P	SECUR.IMAGE TECHNOLOGIES	GTRB	PGL	IG	3907	5	0.035	24741	JT MTG STP	ARTHUR KILL		3904	OB	0.035
2020P	SCHERING CORPORATION	GTRB	PGL	IG	3907	5		24741	JT MTG STP	ARTHUR KILL		3904	OB	N/A
2051P	LIBERTY HILLSIDE ASSOC.	GTRB	PGL	IG	3907	5	0.178	24741	JT MTG STP	ARTHUR KILL		3904	OB	0.178
5050	ELIZABETHTOWN WC	GQSD	PGL	PG	3919	5	2.032	24741	JT MTG STP	ARTHUR KILL		3904	OB	2.032
2106P	JERSEY PLASTIC MOLDERS	GTRB	PGL	IG	1309	5	0.249	24741	JT MTG STP	ARTHUR KILL		3904	OB	0.249
4025PS	KALAMA CHEMICAL INC.	SPPAS	PGL	IS	0321	5	0.917	124	KALAMA CHEM INC	PASSAIC RIVER	0.637	0321	WAIS	
4057PS	RTC PROPERTIES INC.	SPLMP	PGL	IS	1707	5	N/A	22161	KEARNY STP	HACKENSACK RIVER		1707	WAIS	
2382P	KARLSHAMNS USA, INC.	GTRB	PGL	IG	1707	5	N/A	22161	KEARNY STP	HACKENSACK RIVER		1707	WAIS	
5029	ELIZABETHTOWN WC	GTRB	PGL	PG	3914	5	0.440	24953	LINDEN-ROSELLE STP	ARTHUR KILL	11.009	3909	OB	0.440
2077P	LORD & TAYLOR	GTRB	PGL	IG	3920	5	0.079	53015	LORD & TAYLOR	UNNAMED TRIB	N/A	3920	WAIS	
2075P	MAC NAUGHTON EINSON	GTRB	PGL	IG	0317	5	0.101	52710	MAC NAUGHTON EG		3.360	0317	WAIS	
2100P	MARCAL PAPER MILLS	GTRB	PGL	IG	0311	5	1.038	2674	MARCAL PAPER MILL	PASSAIC RIVER	3.240	0311	WAIS	
2125P	LERMER PACKAGING CO.	GTRB	PGL	IG	3906	5	0.179	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11 0.179

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)		
2347P	GARWOOD PAPERBOARD MILL	GTRB	PGL	IG	3906	5	0.222	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	0.222
5031	ELIZABETHTOWN WC	GTRB	PUG	PG	3912	5	0.174	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	0.174
5049	ELIZABETHTOWN WC	GTRB	PUG	PG	3912	5	0.105	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	0.105
2068P	MILES LABS	GTRB	PGL	IG	3102	5	0.232	22608	MILES LABS	PASSAIC RIVER	0.699	3102	WAIS		
2048P	NATIONAL STARCH & CHEMICAL	GTRB	PGL	IG	1302	5	0.088	3780	NAT STARCH & CHEM	THIRD RIVER	0.149	1302	WAIS		
5076	RAMSEY BORO	GTRB	PGL	PG	0348	5	0.050	24813	NW BERGEN CTY	HOHOKUS BROOK		0364	WAIS		
5092	ALLENDALE BORO WD	GTRB	PGL	PG	0348	5	0.216	24813	NW BERGEN CTY	HOHOKUS BROOK		0364	WAIS		
5250	WALDWICK WD	GTRB	PGL	PG	0364	5	0.414	24813	NW BERGEN CTY	HOHOKUS BROOK		0364	WAIS		
5082	HACKENSACK WC	GQSD	PGL	PG	0363	5	1.630	24813	NW BERGEN CTY	HOHOKUS BROOK		0364	WAIS		
5250	WALDWICK WD	GTRB	PGL	PG	0369	5	0.487	24813	NW BERGEN CTY	HOHOKUS BROOK		0364	WAIS		
5341	MAHWAH TWSP	GQSD	PGL	PG	0333	5	0.160	24813	NW BERGEN CTY	HOHOKUS BROOK		0364	WAIS		
5076	RAMSEY BORO	GTRB	PGL	PG	0348	5	0.277	24813	NW BERGEN CTY	HOHOKUS BROOK		0364	WAIS		
4033PS	ESSEX COUNTY COUNTRY CLUB	SY	PGL	AS	1322	5	0.031	N/A	N/A		N/A	1322	WAOS		0.016
2388P	SUBURBAN GOLF CLUB	GTRB	PGL	AG	3919	5	0.043	N/A	N/A		N/A	3919	WAOS		0.022
2008P	BALTUSROL GOLF CLUB	GTRB	PGL	AG	3917	5	0.041	N/A	N/A		N/A	3917	WAOS		0.021
2282P	UPPER MONTCLAIR C.C	GTRB	PGL	AG	3102	5	0.107	N/A	N/A		N/A	3102	WAOS		0.054
2088P	RIDGEWOOD COUNTRY CLUB	GTRB	PGL	AG	0346	5	0.144	N/A	N/A		N/A	0346	WAOS		0.072
2268P	FOREST HILL FIELD CLUB	SFLOW	PGL	AG	1302	5	0.010	N/A	N/A		N/A	1302	WAOS		0.005
2354P	ESSEX COUNTY DEPT. OF PARKS	GTRB	PGL	AG	1314	5	0.010	N/A	N/A		N/A	1314	WAOS		0.005
4006PS	DUNDEE WATER POWER & LAND	SPPAS	PGL	IS	0321	5	11.276	N/A	N/A		N/A	0321	WAOS		
2378P	PARAMUS GOLF CLUB	GTRB	PGL	AG	0346	5	N/A	N/A	N/A		N/A	0346	WAOS		0.000
2069P	BERGEN COUNTY PARKS	GTRB	PGL	AG	0370	5	0.023	N/A	N/A		N/A	0370	WAOS		0.012
2260P	ESSEX COUNTY DEPT. OF PARKS	GTRB	PGL	AG	1322	5	0.010	N/A	N/A		N/A	1322	WAOS		0.005
2113P	COLONIA COUNTRY CLUB	GTRB	ICP	AG	2325	5	0.033	N/A	N/A		N/A	2325	WAOS		0.017
2262P	UPPER MONTCLAIR COUNTRY CLUB	GTRB	PGL	AG	1302	5	0.086	N/A	N/A		N/A	1302	WAOS		0.043
2267P	GLEN RIDGE COUNTRY CLUB	GTRB	PGL	AG	1308	5	0.040	N/A	N/A		N/A	1308	WAOS		0.020
2035P	ARCOLA COUNTRY CLUB	GTRB	PGL	AG	0346	5	0.037	N/A	N/A		N/A	0346	WAOS		0.019
2259P	MONTCLAIR GOLF CLUB	GTRB	PGL	AG	1320	5	0.071	N/A	N/A		N/A	1320	WAOS		0.036
4037PS	GREAT FALLS HYDROELECTRIC	SPPAS	PGL	IS	3108	5	0.138	N/A	N/A		N/A	3108	WAOS		
2268P	FOREST HILL FIELD CLUB	GTRB	PGL	AG	1302	5	0.004	N/A	N/A		N/A	1302	WAOS		0.002
2266P	ROCK SPRING CLUB	GTRB	PGL	AG	1322	5	0.016	N/A	N/A		N/A	1322	WAOS		0.008
2073P	VAN DYK MALLINCKRODT SPEC.	GTRB	PGL	IG	1301	5	0.078	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB		0.076
5077	ORANGE CITY	GQSD	PGL	PG	1322	5	1.060	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB		1.060
2233P	HOFFMAN-LA ROCHE	GTRB	PGL	IG	1316	5		21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB		N/A
5245	MONTCLAIR TOWN	GTRBS	PGL	PG	1313	5	0.223	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB		0.223
5196	HALEDON BORO	SPPUP	PGL	PS	3106	5	1.033	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB		1.033
5198	WALLINGTON BORO	GTRB	PGL	PG	3107	5	0.004	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB		0.004

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
5282	GARFIELD WD	GTRB	PGL	PG	0311	5	1.548	21016	PASSAIC VALL S C	UPPER NEW YORK BAY	225.914	1314	OB	1.548
5127	LODI BORO	GTRB	PGL	PG	0331	5	0.207	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	0.207
5282	GARFIELD WD	GTRB	PGL	PG	0311	5	0.053	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	0.053
5234	HAWTHORNE BORO	GTRB	PGL	PG	3104	5	2.713	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	2.713
2247P	SETON CO.-LEATHER DIV.	GTRB	PGL	IG	1314	5	0.379	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	0.379
4025PS	KALAMA CHEMICAL INC.	SPPAS	PGL	IS	0321	5		21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	N/A
2092P	GIVAUDAN CORPORATION	GTRB	PGL	IG	3102	5	0.140	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	0.140
5245	MONTCLAIR TOWN	GTRB	PGL	PG	1313	5	0.568	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	0.568
5077	ORANGE CITY	GQSD	PGL	PG	1312	5	1.905	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	1.905
2172P	PARK 80 ASSOC.	GTRB	PGL	IG	0357	5	0.000	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	0.000
2370P	FISHER SCIENTIFIC	GTRB	PGL	IG	0317	5	0.073	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	WAIS	
5282	GARFIELD WD	GTRB	PGL	PG	3102	5	0.009	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	0.009
2184P	MOUNTAINSIDE HOSPITAL	GTRB	PGL	IG	1313	5	0.137	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	0.137
2047P	NABISCO BRANDS	GTRB	PGL	IG	0317	5	0.282	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	WAIS	
2416P	DYE-TEX CORP.	GTRB	PGL	IG	3107	5	N/A	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	N/A
5077	ORANGE CITY WD	SYRAH	PGL	PS	1322	5	0.386	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	0.386
2373P	PAPERBOARD SPECIALTIES	GTRB	PGL	IG	3108	5	0.158	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	0.158
2261P	GIVAUDAN CORPORATION	GTRB	PGL	IG	3102	5	0.090	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	0.090
2100P	MARCAL PAPER MILLS	GTRB	PGL	IG	0311	5		21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	N/A
5317	FAIR LAWN BORO	GTRB	PGL	PG	0317	5	1.297	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	WAIS	
2167P	SCHERING PLOUGH LABS	GTRB	PGL	IG	1302	5	0.012	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	0.012
5077	ORANGE CITY	GTRB	PGL	PG	1317	5	0.319	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	0.319
2141P	PFAFF TOOL & MANUF.	GTRB	PGL	IG	1707	5	0.317	54747	PFAFF TOOL & MFG		0.384	1707	WAIS	
2027P	FLEXI-VAN LEASING(CANCELLED)	GTRB	PGL	IG	3908	5	0.172	24643	RAHWAY VALL STP	ARTHUR KILL		3913	OB	0.172
5339	RAHWAY CITY	SYRAH	PGL	PS	3913	5	5.488	24643	RAHWAY VALL STP	ARTHUR KILL		3913	OB	5.488
5339	RAHWAY CITY	GQSD	PGL	PG	3913	5	0.087	24643	RAHWAY VALL STP	ARTHUR KILL		3913	OB	0.087
5049	ELIZABETH TOWN WC	GTRB	PGL	PG	3916	5	0.337	24643	RAHWAY VALL STP	ARTHUR KILL		3913	OB	0.337
5012	NEW JERSEY - AMERICAN W.C.	GQSD	PGL	PG	3917	5	2.377	24643	RAHWAY VALL STP	ARTHUR KILL		3913	OB	2.377

Appendix A Depletive Water Use Data

Water Allocation Permit Number	Surface or Ground Water Diversion	Source Diversion	Province	Category & Type of Diversion	Diversion Location	R W R P A #	Actual Average Annual Withdrawal (MGD)	NJPDES Permit Number	Waste Water Treatment Plant (WWTP)	Discharge Receiving Water	Actual Average Annual WWTP Discharge (MGD)	Discharge Location	Specific Discharge Location	Total Depletive Water Use (MGD)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
5031	ELIZABETHTOWN WC	GTRB	PGL	PG	3920	5	0.329	24643	RAHWAY VALL STP	ARTHUR KILL		3913	OB	0.329
5031	ELIZABETHTOWN WC	GTRB	PGL	PG	3916	5	0.151	24643	RAHWAY VALL STP	ARTHUR KILL		3913	OB	0.151
5049	ELIZABETHTOWN WC	GTRB	PGL	PG	3920	5	0.134	24643	RAHWAY VALL STP	ARTHUR KILL		3913	OB	0.134
5027	ELIZABETHTOWN WC	GQSD	PGL	PG	3902	5	0.286	24643	RAHWAY VALL STP	ARTHUR KILL	27.440	3913	OB	0.286
5028	ELIZABETHTOWN WC	GTRB	PGL	PG	3910	5	0.487	24643	RAHWAY VALL STP	ARTHUR KILL		3913	OB	0.487
2417P	HOFFMAN KOOS	GTRB	PGL	IG	3913	5	N/A	24643	RAHWAY VALL STP	ARTHUR KILL		3913	OB	N/A
5339	RAHWAY CITY	GTRB	PGL	PG	3913	5	0.453	24643	RAHWAY VALL STP	ARTHUR KILL		3913	OB	0.453
5029	ELIZABETHTOWN WC	GTRB	PGL	PG	3908	5	0.406	24643	RAHWAY VALL STP	ARTHUR KILL		3913	OB	0.406
5016	RIDGEWOOD VILLAGE	GTRB	PGL	PG	0322	5	0.797	24791	RIDGEWOOD STP	HOHOKUS BROOK	3.190	0322	WAIS	
5014	RIDGEWOOD VILLAGE	GTRB	PGL	PG	0351	5	2.968	24791	RIDGEWOOD STP	HOHOKUS BROOK		0322	WAIS	
5017	RIDGEWOOD VILLAGE	GTRB	PGL	PG	0335	5	0.820	24791	RIDGEWOOD STP	HOHOKUS BROOK		0322	WAIS	
5015	RIDGEWOOD VILLAGE	GTRB	PGL	PG	0370	5	2.707	24791	RIDGEWOOD STP	HOHOKUS BROOK		0322	WAIS	
2140P	ROTORY PEN CORP.	GTRB	PGL	IG	3908	5	0.157	34588	ROTARY PEN CORP	KENILWORTH BROOK	0.113	3908	WAIS	
2397P	SANDY ALEXANDER INC.	GTRB	PGL	IG	3102	5	N/A	78204	SANDY ALEXANDER	GROUND WATER	N/A	3102	WAOS	
2020P	SCHERING CORPORATION	GTRB	PGL	IG	3907	5	0.500	2305	SCHERING CORP	TRIB RAHWAY RIVER	0.347	3908	WAIS	
2057P	SPINNERIN YARN CO.	GTRB	PGL	IG	0359	5	0.185	2038	SPINNERIN YARN	E RISER DITCH	0.003	0359	WAOS	
4041PS	STEPAN CHEMICAL CO.	SPSAD	PGL	IS	0354	5	1.244	3182	STEPAN CO	LODI BROOK	1.185	0354	WAIS	
2120P	TELEDYNE ADAMS	GTRB	PGL	IG	3919	5	0.116	29416	TELEDYNE ADAMS	RAHWAY RIVER	0.009	3919	WAIS	
2107P	TUSCAN DAIRY	GTRB	PGL	IG	3919	5	0.467	34268	TUSCAN DAIRIES	ELIZABETH RIVER	0.079	3919	WAIS	
2088P	UNITED STATES GYPSUM CO.	GTRB	PGL	IG	3902	5	0.642	63100	US GYPSUM CO		0.011	3902	WAIS	
5198	WALLINGTON BORO	GTRB	PGL	PG	0365	5	0.002	25186	WOOD-RIDGE STP	BERRY'S CREEK		0368	OAS	0.002
2211P	HENKEL PROCESS CHEMICAL INC.	GQSD	PGL	IG	0305	6	0.149	20028	BERGEN CTY STP	HACKENSACK RIVER		0330	WAIS	
5343	PARK RIDGE WD	GTRB	PGL	PG	0347	6	0.505	20028	BERGEN CTY STP	HACKENSACK RIVER		0330	WAIS	
5088	HACKENSACK WC	GTRB	PGL	PG	0343	6	0.073	20028	BERGEN CTY STP	HACKENSACK RIVER		0330	WAIS	
5084	HACKENSACK WC	GTRB	PGL	PG	0324	6	0.028	20028	BERGEN CTY STP	HACKENSACK RIVER		0330	WAIS	
2355P	OLD TAPPAN BORO	GTRB	PGL	IG	0343	6	0.075	20028	BERGEN CTY STP	HACKENSACK RIVER		0330	WAIS	
2225P	HACKENSACK WC	GQSD	PGL	PG	0324	6	0.084	20028	BERGEN CTY STP	HACKENSACK RIVER		0330	WAIS	
5343	ARD MT OLIVE ASSOC	GTRB	PGL	PG	0347	6	0.400	20028	BERGEN CTY STP	HACKENSACK RIVER		0330	WAIS	
2055P	GANES CHEMICAL INC.	GTRB	PGL	IG	0305	6	0.133	20028	BERGEN CTY STP	HACKENSACK RIVER		0330	WAIS	
2093P	ORVAL KENT FOOD	GTRB	PGL	IG	0312	6	0.209	20028	BERGEN CTY STP	HACKENSACK RIVER		0330	WAIS	
2124P	CLINTON INN MOTOR HOTEL	GTRB	PGL	IG	0361	6	0.065	20028	BERGEN CTY STP	HACKENSACK RIVER		0330	WAIS	
2244P	ENGLEWOOD HOSPITAL	GTRB	PGL	IG	0315	6	0.245	20028	BERGEN CTY STP	HACKENSACK RIVER		0330	WAIS	
5111	HACKENSACK WC	GTRB	PGL	PG	0314	6	0.015	20028	BERGEN CTY STP	HACKENSACK RIVER	62.361	0330	WAIS	
5343	PARK RIDGE WD	GTRB	PGL	PG	0353	6	0.281	20028	BERGEN CTY STP	HACKENSACK RIVER		0330	WAIS	
5111	HACKENSACK WC	SKHAC	PGL	PS	0338	6	72.903	20028	BERGEN CTY STP	HACKENSACK RIVER		0330	WAIS	
5343	ARD MT OLIVE ASSOC	GTRB	PGL	PG	0347	6	0.664	20028	BERGEN CTY STP	HACKENSACK RIVER		0330	WAIS	
2082P	LOWE PAPER CO.	GTRBS	PGL	IG	0349	6	0.236	20028	BERGEN CTY STP	HACKENSACK RIVER		0330	WAIS	
5111	HACKENSACK WC	SKHAC	PGL	PS	0338	6	5.570	34339	CENTRAL SEWAGE PLANT	NONE	5.049	1708	WAIS	
5111	HACKENSACK WC	SKHAC	PGL	PS	0338	6	3.000	20591	EDGEWATER STP	HUDSON RIVER	2.867	0313	WAIS	
5111	HACKENSACK WC	SKHAC	PGL	PS	0338	6	5.700	26085	HOBOKEN STP	HUDSON RIVER	12.825	1705	WAIS	
2278P	HOKE INC.	GTRB	PGL	IG	0308	6	0.126	3786	HOKE INC	TENAKILL BROOK	0.144	0308	WAIS	
2070P	BERGEN COUNTY PARK COMM.	GTRB	PGL	AG	0360	6	0.061	N/A	N/A		N/A	0360	WAOS	0.031
2017P	HACKENSACK GOLF CLUB	GTRB	PGL	AG	0344	6	0.030	N/A	N/A		N/A	0344	WAOS	0.015
BE0001	TICE FARMS	GTRB	PGL	AG	0369	6	0.020	N/A	N/A		N/A	0369	WAOS	0.010
2156P	BERGEN COUNTY PARK COMM.	GQSD	PGL	AG	0360	6	0.020	N/A	N/A		N/A	0360	WAOS	0.010
5111	HACKENSACK WC	SKHAC	PGL	PS	0338	6	1.697	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	5 1.697
5111	HACKENSACK WC	SKHAC	PGL	PS	0338	6	0.887	21016	PASSAIC VALL S C	UPPER NEW YORK BAY		1314	OB	5 0.887

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Water Allocation Permit Number	Surface or Ground Water Diversion	Source Diversion	Province	Category & Type of Diversion	Diversion Location	R W R P A #	Actual Average Annual Withdrawal (MGD)	NJDES Permit Number	Waste Water Treatment Plant (WWTP)	Discharge Receiving Water	Actual Average Annual WWTP Discharge (MGD)	Discharge Location	Specific Discharge Location	Total Depletive Water Use (MGD)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
2313P	PENCO OF LYNHURST	GTRB	PGL	IG	0332	6	0.069	31607	PENNZOIL PROD CO	KINGSLAND CREEK	0.008	0332	WAIS	5
5111	HACKENSACK WC	SKHAC	PGL	PS	0338	6	0.002	24791	RIDGEWOOD STP	HOHOKUS BROOK		0322	OAS	
5111	HACKENSACK WC	SKHAC	PGL	PS	0338	6	3.100	32921	SECAUCUS STP	HACKENSACK RIVER	2.810	1709	WAIS	
2049P	SIKA CORPORATION	GTRB	PGL	IG	0332	6	0.180	2011	SIKA CORP	BERRY'S CREEK	0.099	0332	WAIS	
5111	HACKENSACK WC	SKHAC	PGL	PS	0338	6	2.840	25321	WEST NEW YORK STP	HUDSON RIVER	7.130	1712	WAIS	
5111	HACKENSACK WC	SKHAC	PGL	PS	0338	6	0.760	25186	WOOD-RIDGE STP	BERRY'S CREEK		0368	WAIS	
5111	HACKENSACK WC	SKHAC	PGL	PS	0338	6	0.022	24813	WOOD-RIDGE STP	BERRY'S CREEK		0368	WAIS	
5250	WALDWICK WD	GTRB	PGL	PG	0327	6	0.173	25186	WOOD-RIDGE STP	BERRY'S CREEK	0.574	0368	WAIS	
2372P	YOO-HOO CHOCOL. BEV. COR.	GTRB	PGL	IG	0305	6	0.090	3344	YOO-HOO BEV CO	BERRY'S CREEK	0.106	0305	WAIS	
2050P	AMERICAN NATIONAL CAN	GCOK	HLD	IG	4121	7	0.298	52965	AMER NAT CAN	GROUND WATER	N/A	4121	WAOS	1
5255	ALPHA MUNI WATER	GOKE	HLD	PG	4102	7	0.294	24716	PHILLIPSBURG STP	LOPATCONG CREEK	2.272	4119	OAS	
2005P	CUSTOM PAPERS- WARREN GLEN	GPCGN	HLD	IG	4120	7	0.399	4448	WARREN GLEN MILL	MUSCONETCONG RIVER		1915	WAIS	
2005P	CUSTOM PAPERS- WARREN GLEN	SDMUS	HLD	IS	4119	7	78.464	4448	WARREN GLEN MILL	MUSCONETCONG RIVER	3.339	1915	WAIS	
5053	NEW JERSEY - AMERICAN W.C.	GPCOK	HLD	PG	4121	7	1.004	21113	WASHINGTON BORO STP	HEBBCONG CREEK	0.535	4121	WAIS	
2050P	AMERICAN NATIONAL CAN	GCOK	HLD	IG	4121	7		21113	WASHINGTON BORO STP	HEBBCONG CREEK		4121	WAIS	
5295	ROXBURY TWP WD	GQSD	HLD	PG	2736	8	0.509	22675	AJAX TERRACE STP	BLACK RIVER	0.993	2736	OAS	10
2212P	BP PERFORMANCE POLYMERS	GCOK	HLD	IG	4116	8	0.499	28657	BP PERF POLYMERS	MUSCONETCONG RIVER	0.343	4116	WAIS	
5145	HACKETTSTOWN MUA	GCOK	HLD	PG	4108	8	0.556	21369	HACKETTSTOWN MUA	MUSCONETCONG RIVER		4122	OAS	7
5145	HACKETTSTOWN MUA	GQSD	HLD	PG	4108	8	0.155	21369	HACKETTSTOWN MUA	MUSCONETCONG RIVER		4122	OAS	7
5145	HACKETTSTOWN MUA	GPCGN	HLD	PG	4108	8	0.035	21369	HACKETTSTOWN MUA	MUSCONETCONG RIVER		4122	OAS	7
5307	JEFFERSON TWP	GPC	HLD	PG	2714	8	0.591	26667	JEFFERSON TWP STP	MITTS POND		2714	OAS	4
5277	BROOKWOOD MUSCON	GPC	HLD	PG	2727	8	0.068	27821	MUSCONETCONG STP	MUSCONETCONG RIVER		2727	WAIS	
5277	BROOKWOOD MUSCON	GPC	HLD	PG	2727	8	0.038	27821	MUSCONETCONG STP	MUSCONETCONG RIVER		2727	WAIS	
5277	BROOKWOOD MUSCON	GPC	HLD	PG	2727	8	0.016	27821	MUSCONETCONG STP	MUSCONETCONG RIVER		2727	WAIS	
5165	STANHOPE BORO	GPCFL	HLD	PG	3719	8	0.065	27821	MUSCONETCONG STP	MUSCONETCONG RIVER		2727	WAIS	
5165	STANHOPE BORO	GPCFL	HLD	PG	3719	8	0.120	27821	MUSCONETCONG STP	MUSCONETCONG RIVER		2727	WAIS	
5103	MT. OLIVE TWP	GPC	HLD	PG	2727	8	0.532	27821	MUSCONETCONG STP	MUSCONETCONG RIVER		2727	WAIS	
5287	HOPATCONG BORO	GPCGN	HLD	PG	3712	8	0.413	27821	MUSCONETCONG STP	MUSCONETCONG RIVER		2727	WAIS	
5358	SPARTA TWP	GCOK	HLD	PG	3718	8	0.053	27821	MUSCONETCONG STP	MUSCONETCONG RIVER		2727	WAIS	
5061	NETCONG BORO	GQSD	HLD	PG	2736	8	0.306	27821	MUSCONETCONG STP	MUSCONETCONG RIVER		2727	WAIS	
5176	BLOOMSBURY BORO	GCOK	HLD	PG	1902	8	0.097	N/A	SEPTICS/BLOOMSBURY	GROUND WATER		1902	WAOS	
5134	HAMPTON BORO	GCOK	HLD	PG	1913	8	0.115	N/A	SEPTICS/HAMPTON	GROUND WATER		1913	WAOS	
5249	DIAMOND HILL ESTATE	GPC	HLD	PG	2738	8	0.087	N/A	SEPTICS/WASHINGTON TWP	GROUND WATER		2738	WAOS	
5051	NEW JERSEY - AMERICAN W.C.	GTRB	PUG	PG	1911	9	0.197	29831	FRENCHTOWN STP	DELAWARE RIVER	0.142	1911	WAIS	

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
2004P	CUSTOM PAPERS-HUGHESVILLE	SDMUS	PUG	IS	1915	9	53.723	4421	JAMES RIVER PAPER CO	MUSCONETCONG RIVER		1915	WAOS	
2004P	CUSTOM PAPERS-HUGHESVILLE	GPCGN	PUG	IG	1915	9	3.044	4421	JAMES RIVER PAPER CO	MUSCONETCONG RIVER	0.276	1915	WAOS	
2328P	JERSEY CENTRAL P & L	SDEL	PUG	IS	1915	9	46.380	5738	JCP&L	DELAWARE RIVER		1915	WAIS	
2328P	JERSEY CENTRAL P & L	GTRB	PUG	IG	1915	9	0.006	5738	JCP&L	DELAWARE RIVER	0.322	1915	WAIS	
5308	STOCKTON WC	GTRS	PUG	PG	1923	9	0.023	20915	LAMBERTVILLE STP	DELAWARE RIVER		1917	WAIS	
5211	LAMBERTVILLE WC	SDEL	PUG	PS	1917	9	0.288	20915	LAMBERTVILLE STP	DELAWARE RIVER	0.755	1917	WAIS	
2207P	MAGNESIUM ELEKTRON INC.	GTRL	PUG	IG	1916	9	0.087	27537	MAGNESIUM ELEKTRON	WICKECHOEKE CREEK	0.067	1916	WAIS	
2012P	JAMES RIVER PAPER CO.	SDEL	PUG	IS	1920	9	3.187	4456	MILFORD MILL	DELAWARE RIVER		1920	WAIS	
2012P	JAMES RIVER PAPER CO.	GTRB	PUG	IG	1920	9	2.766	4456	MILFORD MILL	DELAWARE RIVER	9.085	1920	WAIS	
5227	GARDEN STATE WATER CO.	GACKL	PUG	PG	1915	9	0.079	21890	MILFORD STP	DELAWARE RIVER	0.220	1920	WAIS	
5160	MILFORD BORO WD	GTRB	PUG	PG	1920	9	0.185	21890	MILFORD STP	DELAWARE RIVER		1920	WAIS	
HN0003	LEON S	SDEL	PUG	AS	1901	9	0.081	N/A	N/A		N/A	1901	WAOS	0.031
5276	PENNINGTON BORO	GTRB	PUG	PG	2108	9	0.055	35319	SBRSA #2	STONY BROOK		2109	OAS	10 0.055
2083P	MINNESOTA MINING & MAN.	GTRB	PUG	IG	3513	10	0.252	3255	3M CO	ROARING BROOK	0.194	3513	WAIS	
5101	ROXBURY WC	GQSD	HLD	PG	2736	10	0.560	22675	AJAX TERRACE STP	BLACK RIVER		2736	WAIS	
5101	ROXBURY WC	GTRB	HLD	PG	2736	10	0.133	22675	AJAX TERRACE STP	BLACK RIVER		2736	WAIS	
5101	ROXBURY WC	GPC	HLD	PG	2736	10	0.001	22675	AJAX TERRACE STP	BLACK RIVER		2736	WAIS	
5101	ROXBURY WC	GPC	HLD	PG	2736	10	0.158	22675	AJAX TERRACE STP	BLACK RIVER		2736	WAIS	
2079P	AMERICAN CYANAMID COMPANY	GTRS	ICP	IG	2113	10	0.114	5541	AMER CYANAMID CO	ASSUNPINK CREEK		2113	WAIS	
2079P	AMERICAN CYANAMID COMPANY	GQPS	ICP	IG	2113	10	0.090	5541	AMER CYANAMID CO	ASSUNPINK CREEK	0.147	2113	WAIS	
5293	MIDDLESEX WC	D & R	PGL	PS	2305	10	3.080	24571	CARTERET STP	ARTHUR KILL	2.880	2301	OB	5 3.080
2048P	CARTER WALLACE INC.	GKROB	ICP	IG	2302	10	0.384	2686	CARTER-WALLACE INC	CRANBURY BROOK	0.403	2302	WAIS	
5222	CLINTON TOWN	GTRB	PUG	PG	1918	10	0.489	20389	CLINTON STP	S. BRANCH RARITAN RIVER		1908	WAIS	
5220	CLINTON WC	GTRCG	HLD	PG	1905	10	0.335	20389	CLINTON STP	S. BRANCH RARITAN RIVER	1.011	1908	WAIS	
5221	CLINTON TOWN	GTRB	PUG	PG	1906	10	0.686	20389	CLINTON STP	S. BRANCH RARITAN RIVER		1908	WAIS	
5242	HIGH BRIDGE BORO	GPCGN	HLD	PG	1914	10	0.297	20389	CLINTON STP	S. BRANCH RARITAN RIVER		1906	WAIS	
5243	HIGH BRIDGE BORO	SRSBR	HLD	PS	1914	10	0.117	20389	CLINTON STP	S. BRANCH RARITAN RIVER		1908	WAIS	
2138P	COCA-COLA COMPANY	GKMR	ICP	IG	2104	10	0.002	4561	COCA-COLA	ROCKY BROOK	0.053	2104	WAOS	
4028PS	COUNTY CONCRETE CORP.	SRNBR	HLD	IS	2736	10	0.866	2861	COUNTY-CONCRETE CORP	BLACK RIVER	N/A	2736	WAIS	
2226P	DAVID SARNOFF RESEARCH CTR.	GTRS	ICP	IG	2113	10	0.198	272	DAVID SARNOFF RES	MILLSTONE RIVER	0.165	2113	WAIS	
2194P	DESIGN & MOLDING SERVICES	GTRB	PUG	IG	2317	10	0.113	28629	DESIGN & MLDG SERV	RARITAN RIVER	0.097	2317	WAIS	
5033	ELIZABETHTOWN WC	SR	PUG	PS	3506	10	0.371	24759	ELSA STP	ASSUNPINK CREEK	8.160	2102	OAS	14 0.371
2239P	EXXON RESEARCH & ENGINEERING	GCKL	PUG	IG	1906	10	0.074	35084	EXXON RES & ENG CO	RARITAN RIVER	0.018	1906	WAIS	
5005	EAST WINDSOR MUA	GKRF	ICP	PGC	2101	10	0.886	23787	E. WINDSOR MUA STP	MILLSTONE RIVER		2101	WAIS	
5005	EAST WINDSOR MUA	GKRF	ICP	PGC	2101	10	0.886	23787	E. WINDSOR MUA STP	MILLSTONE RIVER	3.502	2101	WAIS	
5005	EAST WINDSOR MUA	GKROB	ICP	PGC	2101	10	0.760	23787	E. WINDSOR MUA STP	MILLSTONE RIVER		2101	WAIS	
5106	FLEMINGTON BORO	GTRB	PUG	PG	1909	10	0.660	28436	FLEMINGTON STP	BUSHKILL CREEK	0.483	1909	WAIS	
2013P	FMC CORPORATION	GTRS	ICP	IG	2318	10	0.173	27731	FMC CORP	MILLSTONE RIVER	0.173	2318	WAIS	
2038P	G.E. CO., ASTRO-SPACE DIV.	SKR	ICP	IG	2101	10	0.212	2534	GEN ELECTRIC CO	MILLSTONE RIVER	0.083	2101	WAIS	

Appendix A Depletive Water Use Data

Water Allocation Permit Number	Surface or Ground Water Diversion	Source Diversion	Province	Category & Type of Diversion	Diversion Location	R W R P A #	Actual Average Annual Withdrawal (MGD)	NJDES Permit Number	Waste Water Treatment Plant (WWTP)	Discharge Receiving Water	Actual Average Annual WWTP Discharge (MGD)	Discharge Location	Specific Discharge Location	Total Depletive Water Use (MGD)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
5146	HACKETTSTOWN MUA	GCOK	HLD	PG	2738	10	0.593	21369	HACKETTSTOWN MUA	MUSCONETCONG RIVER	1.591	4122	OAS	7	0.593
5146	HACKETTSTOWN MUA	SDMUS	HLD	PS	2738	10	0.244	21369	HACKETTSTOWN MUA	MUSCONETCONG RIVER		4122	OAS	7	0.244
5146	HACKETTSTOWN MUA	SDMUS	HLD	PS	2727	10	0.407	21369	HACKETTSTOWN MUA	MUSCONETCONG RIVER		4122	OAS	7	0.407
2123P 5091	HERCULES INC. HIGHTSTOWN BOROUGH	GQGU GKROB	HLD ICP	IG PGC	2738 2104	10 10	0.750 1.033	876 29475	HERCULES INC HIGHTSTOWN BORO STP	BLACK RIVER ROCKY BROOK-MILLSTONE	1.050 0.481	2738 2104	WAIS WAIS		
2248P	McGRAW-HILL INC.	GKMR	ICP	IG	2104	10	0.219	29475	HIGHTSTOWN BORO STP	ROCKY BROOK-MILLSTONE		2104	WAIS		
2136P	COCA-COLA COMPANY	GKMR	ICP	IG	2104	10		29475	HIGHTSTOWN BORO STP	ROCKY BROOK-MILLSTONE		2104	WAIS		
2202P 5011	HULS AMERICA NEW JERSEY - AMERICAN W.C.	GTRB GTRB	PGL PUG	IG PG	2305 3918	10 10	0.036 1.287	1791 24741	HULS AMERICA JT MTG STP	RARITAN RIVER ARTHUR KILL	N/A	2305 3904	WAIS OB	5	1.287
5033	ELIZABETHTOWN WC	SR	PUG	PS	3506	10	7.274	24741	JT MTG STP	ARTHUR KILL		3904	OB	5	7.274
5033	ELIZABETHTOWN WC	SR	PUG	PS	3506	10	6.276	24741	JT MTG STP	ARTHUR KILL		3904	OB	5	6.276
5033	ELIZABETHTOWN WC	SR	PUG	PS	3506	10	11.748	24741	JT MTG STP	ARTHUR KILL		3904	OB	5	11.748
2223P	KENTILE FLOORS INC.	GTRB	PUG	IG	2322	10	0.205	30023	KENTILE FLOOR INC	BOUND BROOK	0.323	2322	WAIS		
2019P	L.A. DREYFUS COMPANY	GTRB	PGL	IG	2305	10	0.286	1210	LA DREYFUS CO	DRAINAGE DITCH	0.473	2322	WAOS		
5033	ELIZABETHTOWN WC	SR	PUG	PS	3506	10	9.972	24953	LINDEN-ROSELLE STP	ARTHUR KILL		3909	OB	5	9.972
5068	MANVILLE BORO	GTRB	PUG	PG	3511	10	0.084	28762	MANVILLE STP	RARITAN RIVER CONFLUENCE		3511	WAIS		
5088	MANVILLE BORO	GTRB	PUG	PG	3506	10	0.369	28762	MANVILLE STP	RARITAN RIVER CONFLUENCE	1.156	3511	WAIS		
5033	ELIZABETHTOWN WC	SR	PUG	PS	3506	10	0.359	28762	MANVILLE STP	RARITAN RIVER CONFLUENCE		3511	WAIS		
5157	MENDHAM BORO	GPCGN	HLD	PG	2718	10	0.245	21334	MENDHAM(INDIA BR)	INDIA BROOK	0.381	2719	OAS	4	0.245
5049	ELIZABETHTOWN WC	GTRB	PUG	PG	3912	10	1.994	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	1.994
2245P	MACY'S NEW JERSEY	GTRB	PUG	IG	3912	10	0.087	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	0.087
5045	ELIZABETHTOWN WC	GTRBS	PUG	PG	3509	10	2.983	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	2.983
5033	ELIZABETHTOWN WC	SR	PUG	PS	3506	10	5.293	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	5.293
5337	NEW BRUNSWICK CITY WD	SRLAWDR	PUG	PS	2314	10	7.907	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	7.907
5045	ELIZABETHTOWN WC	GTRB	PUG	PG	3514	10	0.745	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	0.745
5272	SOUTH BRUNSWICK TWP	GKRF	ICP	PGC	2321	10	1.590	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	1.590
5045	ELIZABETHTOWN WC	GTRB	PUG	PG	3912	10	0.145	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	0.145
5048	MONROE TWP. MUA	GKROB	ICP	PGC	2313	10	1.168	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	1.168
5272	SOUTH BRUNSWICK TWP	GKRF	ICP	PG	2321	10	1.148	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	1.148
5048	MONROE TWP. MUA	GKRF	ICP	PGC	2313	10	0.130	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	0.130
5033	ELIZABETHTOWN WC	SR	PUG	PS	3506	10	5.462	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	5.462
5033	ELIZABETHTOWN WC	SR	PUG	PS	3506	10	19.656	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	19.656
5337	NEW BRUNSWICK CITY WD	SRLAWDR	PUG	PS	2314	10	1.027	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	1.027
2341P	AMERCHOL CORP.	TRB	PGL	IG	2305	10	0.082	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	0.082
5294	MIDDLESEX WC	GTRB	PUG	PG	2322	10	6.677	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	6.677
2119P	AIR PRODUCTS & CHEMICALS	GTRB	PUG	IG	2311	10	0.018	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	0.018
5269	ELIZABETHTOWN WC	GTRB	PUG	PG	2311	10	0.288	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	0.288
5033	ELIZABETHTOWN WC	SR	PUG	PS	3506	10	0.589	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	0.589
5293	MIDDLESEX WC	D & R	PGL	PS	2305	10	23.144	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	23.144
5021	ELIZABETHTOWN WC	GTRS	PUG	PG	3513	10	0.107	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	0.107
5033	ELIZABETHTOWN WC	SR	PUG	PS	3506	10	1.122	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	1.122

Appendix A Depletive Water Use Data

Water Allocation Permit Number	Surface or Ground Water Diversion	Source Diversion	Province	Category & Type of Diversion	Diversion Location	R W R P A #	Actual Average Annual Withdrawal (MGD)	NJPDES Permit Number	Waste Water Treatment Plant (WWTP)	Discharge Receiving Water	Actual Average Annual WWTP Discharge (MGD)	Discharge Location	Specific Discharge Location	Total Depletive Water Use (MGD)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
5045	ELIZABETHTOWN WC	GTRB	PUG	PG	2322	10	0.507	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	0.507
5293	MIDDLESEX WC	GTRB	PUG	PG	2322	10	0.608	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	0.608
5045	ELIZABETHTOWN WC	GTRB	PUG	PG	2317	10	0.166	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	11	0.166
2018P	MOBIL RESEARCH & DEV.	GTRB	PUG	IG	2105	10	0.086	795	MOBIL TECH CTR	STONY BROOK	0.065	2110	WAIS		
5310	SE MORRIS CTY MUA	SPWHI	HLD	PS	2718	10	1.488	25496	MORRISTOWN STP	WHIPPANY RIVER		2724	OAS	4	1.488
10285W	MT. ARLINGTON WC	GQSD	HLD	PG	2736	10	0.010	27821	MUSCONETCONG STP	MUSCONETCONG RIVER		2727	OAS	8	0.010
5165	STANHOPE BORO	GPCGN	HLD	PG	2727	10	0.205	27821	MUSCONETCONG STP	MUSCONETCONG RIVER	0.993	2727	OAS	8	0.205
5289	MT. OLIVE VILLAGES WC	GPC	HLD	PG	2727	10	0.263	27821	MUSCONETCONG STP	MUSCONETCONG RIVER		2727	OAS	8	0.263
2319P	NATIONAL STARCH & CHEMICAL	GTRB	PUG	IG	3912	10	0.476	1333	NAT STARCH & CHEM	GREEN BROOK	0.694	3912	WAIS		
2350P	BEDEN BROOK GOLF CLUB	GTRB	PUG	AG	3513	10	0.026	N/A	N/A		N/A	3513	WAOS		0.013
HN0001	HODULIK BROS	SRSBR	PUG	AS	1910	10	0.020	N/A	N/A		N/A	1910	WAOS		0.010
MN0044	N/A	SRMIL	ICP	AS	2532	10	0.016	N/A	N/A		N/A	2532	WAOS		0.008
MI0051	PATTERSON C	GKMR	ICP	AG	2302	10	0.058	N/A	N/A		N/A	2302	WAOS		0.029
MI0001	STULTS S	GKR	ICP	AG	2302	10	0.084	N/A	N/A		N/A	2302	WAOS		0.042
2335P	WINDSOR GOLF ASSOCIATES	SR	ICP	AS	2113	10	0.045	N/A	N/A		N/A	2113	WAOS		0.023
MI0003	ZINSMEISTER J	SRMIL	ICP	AS	2318	10	0.057	N/A	N/A		N/A	2318	WAOS		0.029
MI0034	KIESLER FARM	SRMIL	ICP	AS	2302	10	0.196	N/A	N/A		N/A	2302	WAOS		0.098
2351P	BUNKER HILL GOLF CLUB	GTRB	PUG	AG	3508	10	0.011	N/A	N/A		N/A	3508	WAOS		0.006
MI0041	DANSER & BLOOM	GKMR	ICP	AG	2302	10	0.130	N/A	N/A		N/A	2302	WAOS		0.065
MI0047	PROTINICK FARMS	GKMR	ICP	AG	2302	10	0.038	N/A	N/A		N/A	2302	WAOS		0.019
MI0005	N/A	SRMIL	ICP	AS	2302	10	0.083	N/A	N/A		N/A	2302	WAOS		0.042
2284P	METUCHEN GOLF & COUNTRY CLUB	GTRB	PGL	AG	2305	10	0.054	N/A	N/A		N/A	2305	WAOS		0.027
2275P	PEDDIE SCHOOL(GOLF COURSE)	GKROB	ICP	AG	2101	10	0.022	N/A	N/A		N/A	2101	WAOS		0.011
MI0004	JEFFWELL FARMS	SRMIL	ICP	AS	2318	10	0.065	N/A	N/A		N/A	2318	WAOS		0.033
2294P	ROXITICUS GOLF CLUB	SRNBR	HLD	AS	2718	10	0.039	N/A	N/A		N/A	2718	WAOS		0.020
2275P	PEDDIE SCHOOL(GOLF COURSE)	SR	ICP	AS	2101	10	0.000	N/A	N/A		N/A	2101	WAOS		0.000
2311P	SOMERSET COUNTY PARK COMM.	SR	PUG	AS	3508	10	0.024	N/A	N/A		N/A	3508	WAOS		0.012
MN0042	SCOTTO F	SRMIL	ICP	AS	2532	10	0.062	N/A	N/A		N/A	2532	WAOS		0.031
MI0040	WHITE FARMS	SRMIL	ICP	AS	2318	10	0.019	N/A	N/A		N/A	2318	WAOS		0.010
MI0021	PATTERSON D	SRMIL	ICP	AS	2302	10	0.044	N/A	N/A		N/A	2302	WAOS		0.022
2329P	FIDDLERS ELBOW COUNTRY CLUB	SRNBR	PUG	AS	3501	10	0.025	N/A	N/A		N/A	3501	WAOS		0.013
2311P	SOMERSET COUNTY PARK COMM.	SRMIL	PUG	AS	3508	10	0.024	N/A	N/A		N/A	3508	WAOS		0.012
MR0008	HARVESTONE FARMS	SDMUS	HLD	AS	2738	10	0.022	N/A	N/A		N/A	2738	WAOS		0.011
ME0021	REEDS SOD FARM	SRMIL	PUG	AS	2110	10	0.067	N/A	N/A		N/A	2110	WAOS		0.034
2334P	FOX HOLLOW GOLF CLUB	SRNBR	PUG	AS	3505	10	0.017	N/A	N/A		N/A	3505	WAOS		0.009
MI0053	HOSTETLER H	SRMIL	ICP	AS	2318	10	0.051	N/A	N/A		N/A	2318	WAOS		0.026
SO0008	DUKE FARMS	SRSBR	PUG	AS	3516	10	0.092	N/A	N/A		N/A	3516	WAOS		0.046
2294P	ROXITICUS GOLF CLUB	GQGU	HLD	AG	2718	10	0.000	N/A	N/A		N/A	2718	WAOS		0.000
ME0001	GROVER L	GKMR	ICP	AG	2113	10	0.025	N/A	N/A		N/A	2113	WAOS		0.013
MI0028	COPPOLA F	GTRB	PUG	AG	2322	10	0.020	N/A	N/A		N/A	2322	WAOS		0.010
4049PS	HOPEWELL VALLEY GOLF CLUB	SRMIL	PUG	AS	2106	10	0.007	N/A	N/A		N/A	2106	WAOS		0.004

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Water Allocation Permit Number	Surface or Ground Water Diversion	Source Diversion	Province	Category & Type of Diversion	Diversion Location	R W R P A #	Actual Average Annual Withdrawal (MGD)	NJPDES Permit Number	Waste Water Treatment Plant (WWTP)	Discharge Receiving Water	Actual Average WWTP Discharge (MGD)	Discharge Location	Specific Discharge Location	Total Depletive Water Use (MGD)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
2292P	SOMERSET HILLS COUNTRY CLUB	GPCGN	HLD	AG	3503	10	0.012	N/A	N/A		N/A	3503	WAOS	0.006
2258P	PLAINFIELD COUNTRY CLUB	GTRB	PGL	AG	2305	10	0.055	N/A	N/A		N/A	2305	WAOS	0.028
2321P	SAXTON FALLS SAND & GRAVEL CO.	GPC	HLD	IG	2727	10	0.512	N/A	N/A		N/A	2727	WAOS	
MI0002	JB POTATOE FARM	GKR	ICP	AG	2302	10	0.047	N/A	N/A		N/A	2302	WAOS	0.024
MR0014	RYAN FARMS	GPC	HLD	AG	2707	10	0.015	N/A	N/A		N/A	2707	WAOS	0.008
MN0056	JACK WAH FARM	SRMIL	ICP	AS	2532	10	0.031	N/A	N/A		N/A	2532	WAOS	0.016
2360P	TMS -1 A LIMITED	GTRB	PUG	IG	3513	10	0.000	N/A	N/A		N/A	3513	WAIS	
MN0021	N/A	SDCRA	ICP	AS	2104	10	0.280	N/A	N/A		N/A	2104	WAOS	0.140
2338P	MORRIS COUNTY PARK COMMISSION	SRSBR	HLD	AG	2727	10	0.027	N/A	N/A		N/A	2727	WAOS	0.014
MI0052	PATTERSON C	SRMIL	ICP	AS	2302	10	0.026	N/A	N/A		N/A	2302	WAOS	0.013
2290P	COPPER HILL COUNTRY CLUB	GTRB	PUG	AG	1921	10	0.021	N/A	N/A		N/A	1921	WAOS	0.011
MI0026	POLLACK P	SRMIL	ICP	AS	2318	10	0.013	N/A	N/A		N/A	2318	WAOS	0.007
2308P	SOMERSET COUNTY PARK COMM.	GTRB	PUG	AG	3506	10	0.017	N/A	N/A		N/A	3506	WAOS	0.009
MN0028	NEW SUN SANG FARM	SRMIL	ICP	AS	2532	10	0.095	N/A	N/A		N/A	2532	WAOS	0.048
2352P	CHERRY VALLEY COUNTRY CLUB	GTRB	PUG	AG	3513	10	N/A	N/A	N/A		N/A	3513	WAOS	0.000
MN0041	SCOTTO BROS	GKET	ICP	AG	2532	10	0.027	N/A	N/A		N/A	2532	WAOS	0.014
2329P	FIDDLERS ELBOW COUNTRY CLUB	GTRB	PUG	AG	3501	10	0.000	N/A	N/A		N/A	3501	WAOS	0.000
2311P	SOMERSET COUNTY PARK COMM.	GTRB	PUG	AG	3508	10	0.004	N/A	N/A		N/A	3508	WAOS	0.002
MN0014	SOON HING FARMS	SCMET	ICP	AS	2532	10	0.032	N/A	N/A		N/A	2532	WAOS	0.016
MI0052	PATTERSON C	GKMR	ICP	AG	2302	10	0.043	N/A	N/A		N/A	2302	WAOS	0.022
MN0013	WATERS NURSERY	SRMIL	ICP	AS	2532	10	0.054	N/A	N/A		N/A	2532	WAOS	0.027
HN0004	BARON S	SPROC	PUG	AS	1922	10	8.219	N/A	N/A		N/A	1922	WAOS	4.110
ME0019	REEDS SOD FARM	GKR	PUG	AG	2110	10	0.035	N/A	N/A		N/A	2110	WAOS	0.018
MI0040	WHITE FARMS	GKMR	ICP	AG	2318	10	0.027	N/A	N/A		N/A	2318	WAOS	0.014
MI0046	PROTINICK FARMS	GKROB	ICP	AG	2302	10	0.013	N/A	N/A		N/A	2302	WAOS	0.007
MI0041	DANSER & BLOOM	SRMIL	ICP	AS	2302	10	0.085	N/A	N/A		N/A	2302	WAOS	0.043
MI0035	LOWE A	SRMIL	ICP	AS	2302	10	0.143	N/A	N/A		N/A	2302	WAOS	0.072
2273P	RARITAN VALLEY COUNTRY CLUB	GTRB	PUG	AG	3506	10	0.010	N/A	N/A		N/A	3506	WAOS	0.005
5033	ELIZABETHTOWN WC	SR	PUG	PS	3506	10	7.596	21016	PASSAIC VALLEY S C	UPPER NEW YORK BAY		1314	OB	5 7.596
5033	ELIZABETHTOWN WC	SR	PUG	PS	3506	10	0.314	21881	PEAPACK STP	PEAPACK BROOK	0.112	3515	WAIS	
5293	MIDDLESEX WC	D & R	PGL	PS	2305	10	0.113	23213	PERTH AMBOY STP	RARITAN RIVER		2316	WAIS	
4003PS	PUBLIC SERVICE ELE. & GAS	SR	PGL	IS	2305	10	0.816	582	PSE&G CEN GAS PLT	RARITAN RIVER	0.253	2305	WAIS	
5033	ELIZABETHTOWN WC	SR	PUG	PS	3506	10	0.037	24643	RAHWAY VALL STP	ARTHUR KILL		3913	OB	5 0.037
5033	ELIZABETHTOWN WC	SR	PUG	PS	3506	10	0.128	24643	RAHWAY VALL STP	ARTHUR KILL		3913	OB	5 0.128
5031	ELIZABETHTOWN WC	GTRB	PGL	PG	3916	10	0.282	24643	RAHWAY VALL STP	ARTHUR KILL		3913	OB	5 0.282
5033	ELIZABETHTOWN WC	SR	PUG	PS	3506	10	15.645	24643	RAHWAY VALL STP	ARTHUR KILL		3913	OB	5 15.645
5293	MIDDLESEX WC	D & R	PGL	PS	2305	10	0.500	24643	RAHWAY VALL STP	ARTHUR KILL		3913	OB	5 0.500
2116P	JOHANNA FARMS INC.	GTRB	PUG	IG	1921	10	0.275	22047	RARITAN MUA	S BR RARITAN RIVER		1909	WAIS	
2040P	TENNECO INC.	SRSBR	PUG	IS	1921	10		22047	RARITAN MUA STP	S BR RARITAN RIVER		1909	WAIS	
2087P	LIPTON PRODUCTION	GTRB	PUG	IG	1921	10	0.146	22047	RARITAN MUA STP	S BR RARITAN RIVER	0.591	1909	WAIS	
5022	ELIZABETHTOWN WC	GPC	HLD	PG	1924	10	0.052	98922	READINGTON-LEBANON	ROCKAWAY CREEK	0.355	1922	WAIS	
5058	MORRIS CTY MUA	GQSD	HLD	PG	2732	10	1.869	22349	ROCKAWAY VALLEY	ROCKAWAY RIVER		2729	OAS	4 1.869

Appendix A Depletive Water Use Data

Water Allocation Permit Number	Surface or Ground Water Diversion	Source Diversion	Province	Category & Type of Diversion	Diversion Location	R W R P A #	Actual Average Annual Withdrawal (MGD)	NJDES Permit Number	Waste Water Treatment Plant (WWTP)	Discharge Receiving Water	Actual Average Annual WWTP Discharge (MGD)	Discharge Location	Specific Discharge Location	Total Depletive Water Use (MGD)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
5026	ELIZABETHTOWN WC	GTRS	ICP	PG	2113	10	0.577	31119	SBRSA #1	MILLSTONE RIVER				
2393P	PRINCETON UNIVERSITY	GTRS	PUG	IG	2109	10	N/A	31119	SBRSA #1	MILLSTONE RIVER				
5026	ELIZABETHTOWN WC	GTRB	PUG	PG	2110	10	0.002	31119	SBRSA #1	MILLSTONE RIVER	6.950	2110	WAIS	
5024	ELIZABETHTOWN WC	GTRB	ICP	PG	2318	10	0.253	31119	SBRSA #1	MILLSTONE RIVER		2110	WAIS	
5026	ELIZABETHTOWN WC	GTRS	PUG	PG	2110	10	0.002	31119	SBRSA #1	MILLSTONE RIVER		2110	WAIS	
4056PS	MERCER COUNTY IMPROVEMENT AUTHORITY	SDASP	ICP	IS	2113	10	N/A	31119	SBRSA #1	MILLSTONE RIVER		2110	WAIS	
5033	ELIZABETHTOWN WC	SR	PUG	PS	3506	10	1.750	31119	SBRSA #1	MILLSTONE RIVER		2110	WAIS	
5026	ELIZABETHTOWN WC	GTRS	PUG	PG	2110	10	0.754	31119	SBRSA #1	MILLSTONE RIVER		2110	WAIS	
2324P	MACK PROPERTY CO.	GKROB	ICP	IG	2302	10	0.022	31119	SBRSA #1	MILLSTONE RIVER		2110	WAIS	
5296	CRANBURY TWP. W.D.	GKRF	ICP	PGC	2302	10	0.161	31119	SBRSA #1	MILLSTONE RIVER		2110	WAIS	
2393P	PRINCETON UNIVERSITY	SRMIL	PUG	IS	2109	10	N/A	31119	SBRSA #1	MILLSTONE RIVER		2110	WAIS	
5276	PENNINGTON BORO	GTRB	PUG	PG	2106	10	0.201	35319	SBRSA #2	STONY BROOK	0.186	2109	WAIS	
5276	PENNINGTON BORO	GTRB	PUG	PG	2108	10	0.007	35319	SBRSA #2	STONY BROOK		2109	WAIS	
5229	HOPEWELL BORO	GTRB	PUG	PG	2106	10	0.190	35301	SBRSA #3	BEDEN BROOK	0.180	2110	WAIS	
5058	MORRIS CTY MUA	GQSD	HLD	PG	2707	10	0.403	N/A	SEPTICS/CHESTER TWP	GROUND WATER		2707	WAOS	
5346	CALIFON WC	GPC	HLD	PG	1919	10	0.126	N/A	SEPTICS/LEBANON TWP	GROUND WATER		1919	WAOS	
2381P	SOMERSET COUNTY SHOPPING CENTER	GTRB	PUG	IG	3506	10	0.087	27324	SOMERSET CTY SHOPPING	PETERS BROOK	0.025	3506	WAIS	
2145P	AMERICAN CYANAMID COMPANY	SR	PUG	IS	3506	10	0.000	24864	SOMERSET-RARITAN STP	CUCKEL'S BROOK		3506	WAIS	
5049	ELIZABETHTOWN WC	GTRB	PUG	PG	3521	10	0.083	24864	SOMERSET-RARITAN STP	CUCKEL'S BROOK		3506	WAIS	
5023	ELIZABETHTOWN WC	GTRBS	PUG	PG	3506	10	0.228	24864	SOMERSET-RARITAN STP	CUCKEL'S BROOK	14.066	3506	WAIS	
5033	ELIZABETHTOWN WC	SR	PUG	PS	3506	10	8.411	24864	SOMERSET-RARITAN STP	CUCKEL'S BROOK		3506	WAIS	
2145P	AMERICAN CYANAMID COMPANY	GTRB	PUG	IG	3506	10	0.742	24864	SOMERSET-RARITAN STP	CUCKEL'S BROOK		3506	WAIS	
5033	ELIZABETHTOWN WC	SR	PUG	PS	3506	10	0.672	22497	STAGE IV STP	DEAD RIVER	0.330	3520	OAS	4 0.672
2378P	STANTON PROPERTIES	GTRB	PUG	IG	1922	10	N/A	74802	STANTON PROP		N/A	1922	WAOS	
2040P	TENNECO INC.	SRSBR	PUG	IS	1921	10	0.013	1660	TENNECO POLYMERS	S BR RARITAN RIVER	0.023	1921	WAIS	
2040P	TENNECO INC.	GTRB	PUG	IG	1921	10	0.000	1660	TENNECO POLYMERS	S BR RARITAN RIVER		1921	WAIS	
2105P	TINGLEY RUBBER CORP.	GTRB	PUG	IG	2322	10	0.067	20672	TINGLEY RUBBER CORP	DISMAL SWAMP	0.026	2322	WAOS	
2231P	TREDEGAR INDUSTRIES INC.	SRSBR	PUG	IS	1921	10	0.121	3298	TREDEGAR IND	S BR RARITAN RIVER		1921	WAIS	
2231P	TREDEGAR INDUSTRIES INC.	GTRB	PUG	IG	1921	10	0.003	3298	TREDEGAR IND	S BR RARITAN RIVER	0.194	1921	WAIS	
2201P	U.S. BRONZE POWDERS INC.	GTRB	PUG	IG	1921	10	0.015	3336	US BRONZE POWDERS	MILL CREEK	0.018	1921	WAIS	
5333	WASHINGTON TWP WD.	GPC	HLD	PG	2738	10	0.516	23493	WASHINGTON TWP MUA	S BR RARITAN RIVER	0.365	2738	WAIS	
2190P	WELSH FARMS INC.	GCOK	HLD	IG	2738	10	0.440	1236	WELSH FARMS INC	ELECTRIC BROOK	0.479	2738	WAIS	
5055	MARLBORO TWP.MUA	GKRF	ICP	PGC	2528	11	1.853	24708	BAYSHORE REGIONAL	ATLANTIC OCEAN		2550	OB	12 1.853
5186	GORDEN CORNER WATER CO.	GKROB	ICP	PGC	2528	11	0.219	24708	BAYSHORE REGIONAL	ATLANTIC OCEAN		2550	OB	12 0.219
2112P	COLUMBIAN CHEMICALS CO.	GTRL	ICP	IG	2321	11	0.094	191	COLUMBIAN CHEM CO	HEATHCOTE BROOK	0.142	2321	WAIS	
2325P	DALLANBACH SAND CO.	GKMR	ICP	IG	2321	11	2.846	63631	DALLANBACH SAND	DREDGE POND	1.920	2321	WAOS	
2022P	GIST-BROCADES FOOD	GKROB	ICP	IG	2304	11	2.715	2470	GIST BROCADES FOOD ING	SOUTH RIVER	0.440	2304	WAIS	
2380P	IBM CORPORATION	GKROB	ICP	IG	2321	11	N/A	426	IBM CORP	DEVILS BROOK	0.183	2321	WAOS	
2149P	MARLBORO PSYCHIATRIC HOSP	GKROB	ICP	IG	2528	11	0.209	22586	MARLBORO PSYCH HOSP	BIG BROOK		2529	OAS	12 0.209
2149P	MARLBORO PSYCHIATRIC HOSP	GKET	ICP	IG	2528	11	0.138	22586	MARLBORO PSYCH HOSP	BIG BROOK	0.204	2529	OAS	12 0.138
5340	OLD BRIDGE MUA	GKROB	ICP	PGC	2309	11	1.096	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	1.096
5340	OLD BRIDGE MUA	GKROB	ICP	PG	2309	11	0.582	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	0.582
4030PS	ALSOL CORPORATION	SRRAW	ICP	IS	2312	11	N/A	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	N/A
2348P	KIMBERLY-CLARK CORP.	GKROB	ICP	IG	2324	11	1.495	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	1.495

Appendix A Depletive Water Use Data

Water Allocation Permit Number	Surface or Ground Water Diversion	Source Diversion	Province	Category & Type of Diversion	Diversion Location	R W R P A #	Actual Average Annual Withdrawal (MGD)	NJDEP Permit Number	Waste Water Treatment Plant (WWTP)	Discharge Receiving Water	Actual Average Annual WWTP Discharge (MGD)	Discharge Location	Specific Discharge Location	Total Depletive Water Use (MGD)
(1)	(2)	(3)	(3)	(4)	(5)	(6)	(7)	(7)	(8)	(9)	(9)	(10)	(11)	(11)
4019PS	UNION VALLEY CORPORATION	SCRAR	ICP	IS	2313	11	N/A	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	N/A
5340	OLD BRIDGE MUA	GKRF	ICP	PGC	2309	11	2.698	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	2.698
5171	SOUTH RIVER BOROUGH	GKRF	ICP	PGC	2323	11	1.374	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	1.374
5313	SAYREVILLE BORO	GKROB	ICP	PG	2319	11	0.583	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	0.583
5045	ELIZABETHTOWN WC	GTRB	PUG	PG	2317	11	0.546	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	0.546
5313	SAYREVILLE BORO	GKROB	ICP	PG	2319	11	2.716	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	2.716
5313	SAYREVILLE BORO	SRSRV	ICP	PS	2319	11	0.722	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	0.722
5048	MONROE TWP. MUA	GKROB	ICP	PGC	2313	11	0.555	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	0.555
2022P	GIST-BROCADES FOOD	GKROB	ICP	IG	2304	11		20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	N/A
1365	HELMETTA WC	GTRB	ICP	PG	2306	11	0.089	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	0.089
2323P	IMG DEPT DUHERNAL	GKROB	ICP	IG	2309	11	7.028	20141	MIDDLESEX CO STP	RARITAN BAY	64.810	2319	OB	7.028
5052	NEW JERSEY - AMERICAN W.C.	GTRB	ICP	PG	2308	11	0.476	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	0.476
2404P	MADISON INDUSTRIES	GKROB	ICP	IG	2309	11	0.030	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	0.030
5048	MONROE TWP. MUA	GKRF	ICP	PGC	2313	11	0.277	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	0.277
2406P	CPS CHEMICAL	GKROB	ICP	IG	2309	11	N/A	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	N/A
2009P	COMMUNITIES OF CONCORDIA	GKROB	ICP	IG	2313	11	0.241	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	0.241
2348P	KIMBERLY-CLARK CORP.	GKRF	ICP	IG	2324	11	2.870	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	2.870
5177	SOUTH RIVER BOROUGH	GKRF	ICP	PGC	2324	11	0.308	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	0.308
2307P	BASF CORPORATION	GKROB	ICP	IG	2321	11	0.361	20141	MIDDLESEX CO STP	RARITAN BAY (LAGOONS)		2319	OB	0.361
5272	SOUTH BRUNSWICK TWP.	GKRF	ICP	PGC	2321	11	0.185	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	0.185
5177	SPOTSWOOD BORO	GKROB	ICP	PG	2324	11	0.423	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	0.423
2264P	GATEROCK ASSOCIATES	GKRF	ICP	IG	2313	11	0.155	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	0.155
2135P	N.J.E. CORPORATION	GTRB	ICP	IG	2321	11	0.057	57339	NJE CORP	DEVILS BROOK	0.171	2321	WAIS	
5059	FREEHOLD BOROUGH W.D.	GKROB	ICP	PGC	2516	11	0.730	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB	15 0.730
5009	FREEHOLD TOWNSHIP	GKROB	ICP	PGC	2516	11	0.220	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB	15 0.220
5059	FREEHOLD BOROUGH W.D.	GKRF	ICP	PGC	2516	11	0.748	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB	15 0.748
5009	FREEHOLD TOWNSHIP	GKET	ICP	PGC	2516	11	0.423	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB	15 0.423
M10038	ETSCH R	GKMR	ICP	AG	2313	11	0.044	N/A	N/A		N/A	2313	WAOS	0.022
2327P	BATTLEGROUND COUNTRY CLUB	SCMON	ICP	AG	2526	11	0.047	N/A	N/A		N/A	2526	WAOS	0.024
MN0007	RIFKIN H	SRSRV	ICP	AS	2526	11	0.037	N/A	N/A		N/A	2526	WAOS	0.019
2209P	MIDDLESEX CO. DEPT. OF PARKS	GKRF	ICP	AG	2304	11	0.041	N/A	N/A		N/A	2304	WAOS	0.021
2327P	BATTLEGROUND COUNTRY CLUB	GKROB	ICP	AG	2526	11	0.003	N/A	N/A		N/A	2526	WAOS	0.002
M10008	GIAMARESE J	GKMR	ICP	AG	2304	11	0.017	N/A	N/A		N/A	2304	WAOS	0.009
M10024	PRINCETON NURSERIES	SRMIL	ICP	AS	2321	11	0.041	N/A	N/A		N/A	2321	WAOS	0.021
MN0027	HOLLAND H	SCNAV	ICP	AS	2526	11	0.018	N/A	N/A		N/A	2526	WAOS	0.009
M10016	VON THURNS MARKET	GKMR	ICP	AG	2321	11	0.103	N/A	N/A		N/A	2321	WAOS	0.052
M10049	SCHAUER W	GKET	ICP	AG	2313	11	0.016	N/A	N/A		N/A	2313	WAOS	0.008
2253P	HERBERT SAND CO. INC.	GKRF	ICP	IG	2304	11	0.251	N/A	N/A		N/A	2304	WAOS	
M10024	PRINCETON NURSERIES	GTRL	ICP	AG	2321	11	0.022	N/A	N/A		N/A	2321	WAOS	0.011
4016PS	MONMOUTH COUNTY PARK SYSTEM	SR	ICP	AS	2526	11	0.015	N/A	N/A		N/A	2526	WAOS	0.008
2174P	KNOB HILL COUNTRY CLUB	GKROB	ICP	AG	2526	11	0.000	N/A	N/A		N/A	2526	WAOS	0.000
MN0038	STATTTEL K	SCNAV	ICP	AS	2528	11	0.015	N/A	N/A		N/A	2528	WAOS	0.008
MN0040	SIGISMONDI FARMS	SRSBR	ICP	AS	2526	11	0.030	N/A	N/A		N/A	2526	WAOS	0.015
M10024	PRINCETON NURSERIES	GTRB	ICP	AG	2321	11	0.183	N/A	N/A		N/A	2321	WAOS	0.092

Appendix A
Depletive Water Use Data

Water Allocation Permit Number	Surface or Ground Water Diversion	Source Diversion	Province	Category & Type of Diversion	Diversion Location	R W R P A #	Actual Average Annual Withdrawal (MGD)	NJPDES Permit Number	Waste Water Treatment Plant (WWTP)	Discharge Receiving Water	Actual Average Annual WWTP Discharge (MGD)	Discharge Location	Specific Discharge Location	Total Depletive Water Use (MGD)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
2209P	MIDDLESEX CO. DEPT. OF PARKS	GKROB	ICP	AG	2304	11	0.044	N/A	N/A		N/A	2304	WAOS	0.022
M10013	KONUK J	GKROB	ICP	AG	2304	11	0.032	N/A	N/A		N/A	2304	WAOS	0.016
M10012	DEY C	GKRF	ICP	AG	2321	11	0.011	N/A	N/A		N/A	2321	WAOS	0.006
M10019	N/A	GTRS	ICP	AG	2313	11	0.135	N/A	N/A		N/A	2313	WAOS	0.068
MN0039	STATTTEL K.	SCNAV	ICP	AS	2528	11	0.024	N/A	N/A		N/A	2528	WAOS	0.012
5006	PERTH AMBOY CITY	GKROB	ICP	PG	2309	11	5.030	23213	PERTH AMBOY STP	RARITAN RIVER	4.394	2316	OAS	5.030
5185	GORDEN CORNER WATER CO.	GKRF	ICP	PGC	2528	11	2.649	23728	PINE BROOK STP	W MONMOUTH UTIL		2528	WAIS	
5080	MANALAPAN TOWNSHIP	GKROB	ICP	PGC	2528	11	0.063	23728	PINE BROOK STP	W MONMOUTH UTIL		2528	WAIS	
5191	ENGLISHTOWN BOROUGH	GKROB	ICP	PGC	2512	11	0.093	23728	PINE BROOK STP	W MONMOUTH UTIL	4.685	2526	WAIS	
2033P	RHONE POULENC	GKR	ICP	IG	2313	11	0.184	60	RHONE-POULENC		N/A	2314	WAIS	
5131	ALLENHURST BOROUGH	GKET	ICP	PGC	2501	12	0.169	98647	ALLENHURST BORO WTP	DEAL LAKE	0.432	2501	WAIS	
5018	NEW JERSEY - AMERICAN W.C.	SCNAV	ICP	PS	2531	12	1.654	25241	ASBURY PARK STP	ATLANTIC OCEAN	3.150	2503	OB	1.654
5066	SHORELANDS WATER CO.	GKROB	ICP	PGC	2518	12	0.582	24708	BAYSHORE REGIONAL	ATLANTIC OCEAN	6.673	2550	OB	0.582
5280	KEANSBURG MUA	GKROB	ICP	PGC	2521	12	1.137	24708	BAYSHORE REGIONAL	ATLANTIC OCEAN		2550	OB	1.137
5066	SHORELANDS WATER CO.	GKRF	ICP	PGC	2518	12	2.160	24708	BAYSHORE REGIONAL	ATLANTIC OCEAN		2550	OB	2.160
2179P	INTERNATIONAL FLAVORS & FRAG	GKROB	ICP	IG	2550	12	0.254	24708	BAYSHORE REGIONAL	ATLANTIC OCEAN		2550	OB	0.254
5247	UNION BEACH BORO W.D.	GKROB	ICP	PGC	2550	12	0.668	24708	BAYSHORE REGIONAL	ATLANTIC OCEAN		2550	OB	0.668
5320	MATAWAN BOROUGH	GKROB	ICP	PGC	2529	12	0.937	24708	BAYSHORE REGIONAL	ATLANTIC OCEAN		2550	OB	0.937
5066	SHORELANDS WATER CO.	GKROB	ICP	PGC	2539	12	1.232	24708	BAYSHORE REGIONAL	ATLANTIC OCEAN		2550	OB	1.232
5267	KEYPORT BOROUGH	GKROB	ICP	PGC	2522	12	0.697	24708	BAYSHORE REGIONAL	ATLANTIC OCEAN		2550	OB	0.697
5186	GORDEN CORNER WATER CO.	GKROB	ICP	PGC	2528	12	1.517	24708	BAYSHORE REGIONAL	ATLANTIC OCEAN		2550	OB	1.517
2218P	AT & T BELL LAB.	GKET	ICP	IG	2518	12	0.060	477	BELL TELE LAB INC	RAMANESSIN BROOK	0.216	2518	WAIS	
5018	NEW JERSEY - AMERICAN W.C.	SCNAV	ICP	PS	2531	12	0.990	*	CLIFWD BCH/STRATH/RIV GAR	*		2530	WAIS	
5254	ABERDEEN TOWNSHIP W.D.	GKRF	ICP	PGC	2530	12	0.738	*	CLIFWD BCH/STRATH/RIV GAR	*		2530	WAIS	
5342	NEW JERSEY - AMERICAN W.C.	GKROB	ICP	PGC	2530	12	0.973	*	CLIFWD BCH/STRATH/RIV GAR	*	1.269	2530	WAIS	
5018	NEW JERSEY - AMERICAN W.C.	SCNAV	ICP	PS	2531	12	4.306	24783	LONG BRANCH STP	ATLANTIC OCEAN	4.100	2525	OB	4.306
5340	OLD BRIDGE MUA	GKROB	ICP	PG	2309	12	0.003	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	0.003
5313	SAYREVILLE BORO	GKROB	ICP	PG	2319	12	1.096	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	1.096
5340	OLD BRIDGE MUA	GKRF	ICP	PGC	2309	12	0.513	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	0.513
5313	SAYREVILLE BORO	GKRF	ICP	PGC	2319	12	0.472	20141	MIDDLESEX CO STP	RARITAN BAY		2319	OB	0.472
5232	HIGHLANDS BOROUGH	GKROB	ICP	PGC	2517	12	0.580	25356	MIDDLETOWN MAIN STP	ATLANTIC OCEAN	8.173	2531	OB	0.580
2151P	J & A INTERNATIONAL JAPAN	GKROB	ICP	IG	2531	12	0.052	25356	MIDDLETOWN MAIN STP	ATLANTIC OCEAN		2531	OB	0.052
5325	ATLANTIC HIGHLANDS BOROUGH	GKROB	ICP	PGC	2504	12	0.595	25356	MIDDLETOWN MAIN STP	ATLANTIC OCEAN		2531	OB	0.595
5018	NEW JERSEY - AMERICAN W.C.	SCNAV	ICP	PS	2531	12	8.545	25356	MIDDLETOWN MAIN STP	ATLANTIC OCEAN		2531	OB	8.545
4032PS	MONMOUTH CO./SHARK RIVER	SCSHA	NOC	IS	2534	12	0.000	24872	NEPTUNE TWP STP	ATLANTIC OCEAN		2534	OB	0.000
5018	NEW JERSEY - AMERICAN W.C.	SCNAV	ICP	PS	2531	12	4.632	24872	NEPTUNE TWP STP	ATLANTIC OCEAN		2534	OB	4.632
5019	NEW JERSEY - AMERICAN W.C.	GKROB	NOC	PGC	2534	12	0.856	24872	NEPTUNE TWP STP	ATLANTIC OCEAN		2534	OB	0.856

Appendix A Depletive Water Use Data

Water Allocation Permit Number	Surface or Ground Water Diversion	Source Diversion	Province	Category & Type of Diversion	Diversion Location	R W R P A #	Actual Average Annual Withdrawal (MGD)	NJPDES Permit Number	Waste Water Treatment Plant (WWTP)	Discharge Receiving Water	Actual Average Annual WWTP Discharge (MGD)	Discharge Location	Specific Discharge Location	Total Depletive Water Use (MGD)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
5019	NEW JERSEY - AMERICAN W.C.	GKMW	NOC	PGC	2507	12	0.024	24872	NEPTUNE TWP STP	ATLANTIC OCEAN		2534	OB	0.024
5132	AVON-BY-THE-SEA BORO	GKMW	NOC	PGC	2505	12	0.118	24872	NEPTUNE TWP STP	ATLANTIC OCEAN		2534	OB	0.118
5132	AVON-BY-THE-SEA BORO	GKROB	NOC	PGC	2505	12	0.024	24872	NEPTUNE TWP STP	ATLANTIC OCEAN	4.955	2534	OB	0.024
5132	AVON-BY-THE-SEA BORO	GKMW	NOC	PGC	2535	12	0.118	24872	NEPTUNE TWP STP	ATLANTIC OCEAN		2534	OB	0.118
5085	RED BANK BOROUGH	GKROB	ICP	PGC	2540	12	1.751	28735	NORTHEAST MONMOUTH REGIONAL	ATLANTIC OCEAN	7.151	2533	OB	1.751
5018	NEW JERSEY - AMERICAN W.C.	SCNAV	ICP	PS	2531	12	6.814	28735	NORTHEAST MONMOUTH REGIONAL	ATLANTIC OCEAN		2533	OB	6.814
BU0036	REID SOD FARM	SDBLA	NOC	AS	2505	12	0.052	N/A	N/A		N/A	2505	WAOS	0.028
MN0047	DE PALMA BROS	GKMW	ICP	AG	2518	12	0.011	N/A	N/A		N/A	2518	WAOS	0.006
MN0019	CHARLES D. FLOCK & SONS	SCNAV	ICP	AS	2509	12	0.014	N/A	N/A		N/A	2509	WAOS	0.007
2180P	MONMOUTH COUNTY PARK	GKROB	ICP	AG	2509	12	0.038	N/A	N/A		N/A	2509	WAOS	0.019
2169P	NAVESINK COUNTRY CLUB	GKROB	ICP	AG	2531	12	0.072	N/A	N/A		N/A	2531	WAOS	0.036
MN0019	CHARLES D. FLOCK & SONS	SCNAV	ICP	AS	2509	12	0.013	N/A	N/A		N/A	2509	WAOS	0.007
2159P	HOLLYWOOD GOLF CLUB	GTVT	NOC	AG	2537	12	0.058	N/A	N/A		N/A	2537	WAOS	0.029
2293P	RUMSON COUNTRY CLUB	GKET	ICP	AG	2542	12	0.020	N/A	N/A		N/A	2542	WAOS	0.010
4035PS	SPRING MEADOWS GOLF COURSE	SCMSQ	NOC	AS	2552	12	0.040	N/A	N/A		N/A	2552	WAOS	0.020
2301P	SPRING LAKE GOLF CLUB	GTKW	NOC	AG	2549	12	0.035	N/A	N/A		N/A	2549	WAOS	0.018
MN0008	DI FEDELE BROS	SCNAV	ICP	AS	2509	12	0.027	N/A	N/A		N/A	2509	WAOS	0.014
5018	NEW JERSEY - AMERICAN W.C.	SCNAV	ICP	PS	2531	12	3.538	24520	OCEAN TWP. STP	ATLANTIC OCEAN	4.000	2537	OB	3.538
5018	NEW JERSEY - AMERICAN W.C.	SCNAV	ICP	PS	2531	12	0.322	N/A	SEPTICS/HOLMDEL	GROUND WATER		2518	WAOS	
5139	S. AMBOY BORO	GKROB	ICP	PG	2319	12	0.424	20541	SOUTH AMBOY STP	RARITAN BAY	0.980	2320	OB	0.424
2364P	ESSEX & SUSSEX DEV. CO.	GKET	NOC	IG	2548	12	N/A	24562	S. MONMOUTH REG STP	ATLANTIC OCEAN		2548	OB	N/A
5268	SPRING LAKE HEIGHTS BORO	GKMW	NOC	PGC	2549	12	0.106	24562	S. MONMOUTH REG STP	ATLANTIC OCEAN		2548	OB	0.106
5237	SEA GIRL BORO	GYCK	NOC	PG	2544	12	0.258	24562	S. MONMOUTH REG STP	ATLANTIC OCEAN		2548	OB	0.258
5237	SEA GIRL BORO	GKET	NOC	PGC	2544	12	0.035	24562	S. MONMOUTH REG STP	ATLANTIC OCEAN		2548	OB	0.035
5089	SPRING LAKE BOROUGH	GKET	NOC	PGC	2548	12	0.526	24562	S. MONMOUTH REG STP	ATLANTIC OCEAN		2548	OB	0.526
5149	WALL TOWNSHIP	GKET	NOC	PGC	2552	12	1.186	24562	S. MONMOUTH REG STP	ATLANTIC OCEAN		2548	OB	1.186
5266	SPRING LAKE HEIGHTS BORO	GKET	NOC	PGC	2552	12	0.193	24562	S. MONMOUTH REG STP	ATLANTIC OCEAN		2548	OB	0.193
5138	BELMAR BOROUGH	GKET	NOC	PGC	2506	12	1.103	24562	S. MONMOUTH REG STP	ATLANTIC OCEAN	5.456	2548	OB	1.103
5149	WALL TOWNSHIP	GKMW	NOC	PGC	2552	12	0.589	24562	S. MONMOUTH REG STP	ATLANTIC OCEAN		2548	OB	0.589
5266	SPRING LAKE HEIGHTS BORO	GKET	NOC	PGC	2549	12	0.234	24562	S. MONMOUTH REG STP	ATLANTIC OCEAN		2548	OB	0.234
2379P	FAIRWAY NEWS COMMUNITY ASSOC.	GTKW	NOC	IG	2547	12	N/A	24562	S. MONMOUTH REG STP	ATLANTIC OCEAN		2548	OB	N/A
5019	NEW JERSEY - AMERICAN W.C.	GKROB	NOC	PGC	2552	12	0.281	24562	S. MONMOUTH REG STP	ATLANTIC OCEAN		2548	OB	0.281
2076P	3 M COMPANY	GKROB	ICP	IG	2516	13	0.108	4359	MINN MINING & MFG	PASSAQUANAQUA CREEK	0.344	2516	WAIS	
2064P	NASH-STERN-CHECKANOW	GKROB	NOC	IG	2514	13	0.050	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB	15 0.050
5009	FREEHOLD TOWNSHIP	GKROB	ICP	PGC	2516	13	1.689	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB	15 1.689
2034P	NESTLE CO.	GKROB	ICP	IG	2515	13	0.487	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB	15 0.487
5241	ADELPHIA WATER CO.	GKROB	NOC	PGC	2519	13	0.222	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB	15 0.222
5297	PT PLEASANT BEACH	GTKW	NOC	PG	2925	13	1.037	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB	15 1.037
5184	PARKWAY WATER CO.	GTCH	NOC	PG	2519	13	0.128	28142	NORTHERN STP	ATLANTIC OCEAN	17.154	2906	OB	15 0.128
5126	FARMINGDALE BOROUGH	GKET	NOC	PGC	2514	13	0.157	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB	15 0.157
5265	HOWELL TWP. DEPT.	GKMW	NOC	PGC	2519	13	0.000	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB	15 0.000
5285	HOWELL TWP. DEPT.	GKROB	NOC	PGC	2519	13	1.585	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB	15 1.585

Appendix A Depletive Water Use Data

Water Allocation Permit Number	Surface or Ground Water Diversion	Source Diversion	Province	Category & Type of Diversion	Diversion Location	R W R P A #	Actual Average Annual Withdrawal (MGD)	NJPDES Permit Number	Waste Water Treatment Plant (WWTP)	Discharge Receiving Water	Actual Average Annual WWTP Discharge (MGD)	Discharge Location	Specific Discharge Location	Total Depletive Water Use (MGD)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
4010PS	MONMOUTH COUNTY PARK SYSTEM	SCMSQ	NOC	AS	2519	13	0.033	N/A	N/A		N/A	2519	WAOS	0.017
MN0010	REID C	SCMSQ	ICP	AS	2516	13	0.116	N/A	N/A		N/A	2516	WAOS	0.058
MN0024	RUTGERS CROP SCIENCE	SCMSQ	ICP	AS	2516	13	0.019	N/A	N/A		N/A	2516	WAOS	0.010
MN0018	DI GREGORIO A	SCMSQ	NOC	AS	2519	13	0.059	N/A	N/A		N/A	2519	WAOS	0.030
2183P	MANASQUAN RIVER GOLF CLUB	GTKW	NOC	AG	2508	13	0.093	N/A	N/A		N/A	2508	WAOS	0.047
MN0020	BROCK E	GKROB	ICP	AG	2516	13	0.035	N/A	N/A		N/A	2516	WAOS	0.018
MN0001	N/A	SRSRV	ICP	AS	2516	13	0.039	N/A	N/A		N/A	2516	WAOS	0.020
MN0017	BECKER FARMS	SCMSQ	NOC	AS	2519	13	0.100	N/A	N/A		N/A	2519	WAOS	0.050
5279	BRIELLE BORO	GTKW	NOC	PG	2508	13	0.013	24562	S. MONMOUTH REG STP	ATLANTIC OCEAN		2548	OB	12
5279	BRIELLE BORO	GKET	NOC	PGC	2508	13	0.615	24562	S. MONMOUTH REG STP	ATLANTIC OCEAN		2548	OB	12
5182	MANASQUAN BORO	GTKW	NOC	PG	2527	13	0.733	24562	S. MONMOUTH REG STP	ATLANTIC OCEAN		2548	OB	12
2210P	ALBERT C WAGNER YOUTH CORR	GKMR	ICP	IG	0504	14	0.563	26719	AC WAGNER YOUTH COR	CROSSWICKS CREEK	0.428	0504	WAIS	0.733
2295P	PERONIC ENTERPRISES	GKML	ICP	IG	2551	14	0.060	20206	ALLENTOWN STP	DOCTORS CREEK		2502	WAIS	
5178	ALLENTOWN BOROUGH	GKMR	ICP	PGC	2502	14	0.114	20206	ALLENTOWN STP	DOCTORS CREEK	0.200	2502	WAIS	
5189	NEW JERSEY - AMERICAN W.C.	GKMR	ICP	PG	0502	14	0.626	24781	BEVERLY STP	DOCTORS CREEK	0.489	0502	WAIS	
5156	BORDENTOWN CITY WD	GKMR	ICP	PGC	0503	14	2.155	24678	BORDENTOWN REGIONAL	BLACKS CREEK	1.196	0503	WAIS	
2178P	OCEAN SPRAY CRANBERRIES	GKMR	ICP	IG	0503	14		24678	BORDENTOWN REGIONAL	BLACKS CREEK		0503	WAIS	
10275W	COLUMBUS WATER CO.	GKR	ICP	PGC	0518	14	0.021	24678	BORDENTOWN REGIONAL	BLACKS CREEK		0503	WAIS	
5285	HOMESTEAD WATER UTILITY	GKMR	ICP	PGC	0518	14	0.054	24678	BORDENTOWN REGIONAL	BLACKS CREEK		0503	WAIS	
5122	BURLINGTON CITY W.D.	SDDDEL	ICP	PS	0505	14	1.683	24680	BURLINGTON CITY STP	DELAWARE RIVER	1.300	0505	WAIS	
5327	BURLINGTON TOWNSHIP	GKR	ICP	PGC	0506	14	1.310	21709	BURLINGTON TWP STP	TAWNER'S RUN	1.167	0506	WAIS	
5204	NEW JERSEY - AMERICAN W.C.	GKMW	OCP	PGC	0734	14	0.284	25046	CHERRY HILL STP	COOPER RIVER		0709	OAS	17
5188	NEW JERSEY - AMERICAN W.C.	GKMR	ICP	PGC	0510	14	0.488	23507	DELTRAN STP	RANOCAS CREEK	1.320	0510	WAIS	0.284
5004	EVESHAM TWP MUA	GKMR	OCP	PGC	0513	14	2.474	*	ELMWOOD/WOODSTREAM	*		0513	WAIS	
5219	EVESHAM TWP MUA	GKMR	OCP	PGC	0513	14	0.335	*	ELMWOOD/WOODSTREAM	*		0513	WAIS	
2198P	LAWRENCEVILLE SCHOOL	GTRS	PUG	IG	2107	14	0.081	24759	ELSA STP	ASSUNPINK CREEK	2.248	2102	WAIS	
5117	LAWRENCEVILLE WC	GTRBS	PUG	PG	2107	14	0.378	24759	ELSA STP	ASSUNPINK CREEK		2102	WAIS	
2130P	U.S. LAND RESOURCES	GKMR	PUG	IG	2107	14	0.045	24759	ELSA STP	ASSUNPINK CREEK		2102	WAIS	
4052PS	U.S. NAVAL AIR PROPULSION CTR	SDDDEL	PUG	IS	2102	14	0.145	24759	ELSA STP	ASSUNPINK CREEK		2102	WAIS	
5256	FLORENCE TWP. WATER & SEWER	GKMR	OCP	PGC	0515	14	1.016	23701	FLORENCE TWP. STP	DELAWARE RIVER	0.835	0515	WAIS	
5303	U.S. ARMY, FORT DIX	GKMR	OCP	PGC	0525	14	1.030	4855	FORT DIX	CROSSWICKS CREEK		0529	WAIS	
2001P	GOLD BOND BUILDING PROD.	GKMR	ICP	IG	0505	14	0.030	52264	GOLD BOND BLDG PRODS	RARITAN RIVER	0.021	0505	WAIS	
4002PS	GOODALL RUBBER CO.	SDASP	ICP	IS	2103	14	0.395	4626	GOODALL RUBBER CO	ASSUNPINK CREEK	N/A	2103	WAIS	
2163P	GRIFFIN PIPE PRODUCTS	GKMR	OCP	IG	0515	14	0.527	5096	GRIFFIN PIPE PRODS	DELAWARE RIVER	0.273	0515	WAIS	
5286	GARDEN STATE WATER CO.	GKRF	ICP	PGC	2103	14	2.357	26301	HAMILTON TWP. MAIN ST.	CROSSWICKS CREEK		2103	WAIS	
5178	ALLENTOWN BOROUGH	GKMR	ICP	PGC	2112	14	0.118	26301	HAMILTON TWP. MAIN ST.	CROSSWICKS CREEK	9.740	2103	WAIS	
2023P	HERCULES INC.	GKMR	ICP	IG	0505	14	0.284	5142	HERCULES INC	DELAWARE RIVER	0.136	0505	WAIS	
4005PS	IMO INDUSTRIES INC./DELAVAL	SDASP	ICP	IS	2103	14	2.748	4677	IMO INDUSTRIES	ASSUNPINK CREEK	0.691	2103	WAIS	
2400P	INTERSTATE STORAGE & PIPELINE	GKMR	ICP	IG	0506	14	N/A	69566	INTERSTATE STORAGE	UNNAMED TRIB	N/A	0506	WAIS	
2236P	McGUIRE AIR FORCE BASE	GKMR	OCP	PGC	0525	14	1.204	22578	McGUIRE AIR FORCE BASE	SOUTH RUN	1.132	0540	WAIS	
2236P	McGUIRE AIR FORCE BASE	GKMR	ICP	PGC	0526	14	0.439	22578	McGUIRE AIR FORCE BASE	SOUTH RUN		0540	WAIS	

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
5039	MEDFORD TOWNSHIP	GKMR	OCF	PGC	0520	14	1.068	.	MEDFORD LK BORO/TWP	.	1.540	0521	WAIS	
5039	MEDFORD TOWNSHIP	GKMW	OCF	PGC	0520	14	0.080	.	MEDFORD LK BORO/TWP	.		0521	WAIS	
5121	MOORESTOWN TOWNSHIP	GKMR	ICP	PGC	0522	14	0.816	24996	MOORESTOWN STP	PENNSAUKEN CREEK		0522	WAIS	
2362P	NEW LISBON DEVELOP CTR	GTCH	OCF	PG	0539	14	0.127	21768	NEW LISBON DEVELOP CTR	RANCOCAS CREEK	0.140	0539	WAIS	
5075	JACKSON TOWNSHIP MUA	GKROB	NOC	PGC	2911	14	0.048	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB	15 0.048
5075	JACKSON TOWNSHIP MUA	GKM	NOC	PGC	2911	14	0.215	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB	15 0.215
BU0038	REID SOD FARM	SDBLA	OCF	AS	0525	14	0.052	N/A	N/A		N/A	0525	WAOS	0.028
BU0127	D'AMICO G	GTCH	ICP	AG	0528	14	0.060	N/A	N/A		N/A	0528	WAOS	0.030
BU0070	F W BUSH & SONS	GTKW	OCF	AG	0529	14	0.078	N/A	N/A		N/A	0529	WAOS	0.039
BU0114	SPECCA D	GKET	ICP	AG	0534	14	0.020	N/A	N/A		N/A	0534	WAOS	0.010
OC0015	HAVEY MARCUS	SDCRO	OCF	AS	2923	14	0.339	N/A	N/A		N/A	2923	WAOS	0.170
BU0080	THOMPSON C	SDRAC	OCF	AS	0533	14	9.938	N/A	N/A		N/A	0533	WAOS	4.969
BU0087	JOHNSON W	GTCH	OCF	AG	0521	14	0.348	N/A	N/A		N/A	0521	WAOS	0.174
4038PS	LITTLE MILL COUNTRY CLUB	SDRAN	OCF	AS	0513	14	0.153	N/A	N/A		N/A	0513	WAOS	0.077
BU0051	ELLIS FARMS	SDBLA	ICP	AS	0526	14	0.020	N/A	N/A		N/A	0526	WAOS	0.010
BU0097	JERSEY DEVIL CRANBERRIES	SCMUL	OCF	AS	0513	14	0.017	N/A	N/A		N/A	0513	WAOS	0.009
MN0015	DEY FARMS	SDCRO	ICP	AS	2551	14	0.010	N/A	N/A		N/A	2551	WAOS	0.005
BU0028	N/A	GKMR	ICP	AG	0524	14	0.079	N/A	N/A		N/A	0524	WAOS	0.040
BU0116	ALLEN J	SDRAN	OCF	AS	0533	14	0.025	N/A	N/A		N/A	0533	WAOS	0.013
2270P	GREENACRES COUNTRY CLUB	GTRS	PUG	AG	2107	14	0.036	N/A	N/A		N/A	2107	WAOS	0.018
BU0129	BLUE GRASS LAWN FARMS	GKMW	OCF	AG	0533	14	0.045	N/A	N/A		N/A	0533	WAOS	0.023
BU0004	JADE RUN TURF & SOD FARM	SDRAN	OCF	AS	0533	14	0.073	N/A	N/A		N/A	0533	WAOS	0.037
OC0004	HALLOCKS U-PICK FARM	GTCH	OCF	AG	2923	14	0.098	N/A	N/A		N/A	2923	WAOS	0.049
ME0010	ELLIS FARM	SDCRO	ICP	AS	2103	14	0.027	N/A	N/A		N/A	2103	WAOS	0.014
BU0031	SHARPLESS F	GTKW	OCF	AG	0521	14	0.011	N/A	N/A		N/A	0521	WAOS	0.006
2108P	RAMBLEWOOD COUNTRY CLUB	GKMR	ICP	AG	0524	14	0.108	N/A	N/A		N/A	0524	WAOS	0.054
BU0114	SPECCA D	SDASC	ICP	AS	0534	14	0.042	N/A	N/A		N/A	0534	WAOS	0.021
BU0047	VARSACI J	GKMR	ICP	AG	0512	14	0.015	N/A	N/A		N/A	0512	WAOS	0.008
BU0059	PIPER D	GTKW	OCF	AG	0529	14	0.066	N/A	N/A		N/A	0529	WAOS	0.033
BU0015	TIVERS D	GKNS	OCF	AG	0521	14	0.069	N/A	N/A		N/A	0521	WAOS	0.035
BU0019	BUDD T	SDRAN	OCF	AS	0533	14	3.247	N/A	N/A		N/A	0533	WAOS	1.624
BU0075	SUTTON T	SDASC	OCF	AS	0515	14	0.043	N/A	N/A		N/A	0515	WAOS	0.022
BU0030	RANCOCAS CRANBERRY CO	SDRAN	OCF	AS	0529	14	0.401	N/A	N/A		N/A	0529	WAOS	0.201
OC0001	DEWOLF J	GTKW	OCF	AG	2923	14	0.026	N/A	N/A		N/A	2923	WAOS	0.013
BU0026	ROBSON A	SDCRO	ICP	AS	0526	14	0.027	N/A	N/A		N/A	0526	WAOS	0.014
BU0027	ROCKHILL BROS	SDRAN	ICP	AS	0517	14	0.020	N/A	N/A		N/A	0517	WAOS	0.010
ME0015	ELLIS FARM	SDCRO	ICP	AS	2103	14	0.031	N/A	N/A		N/A	2103	WAOS	0.016
BU0038	PUGLIA A	SDASC	ICP	AS	0534	14	0.018	N/A	N/A		N/A	0534	WAOS	0.009
MN0053	REED S	SDCRO	ICP	AS	2551	14	0.074	N/A	N/A		N/A	2551	WAOS	0.037
ME0011	TOTTEN FARMS	SDCRO	ICP	AS	2103	14	0.057	N/A	N/A		N/A	2103	WAOS	0.029
MN0009	FG RUE & SONS	GKET	ICP	AG	2551	14	0.037	N/A	N/A		N/A	2551	WAOS	0.019
ME0012	EAST GATE FARMS	GKR	ICP	AG	2112	14	0.087	N/A	N/A		N/A	2112	WAOS	0.044
ME0003	MOUNT R	GKR	ICP	AG	2112	14	0.133	N/A	N/A		N/A	2112	WAOS	0.067
BU0117	WORKMAN E	SDRAN	ICP	AS	0524	14	0.082	N/A	N/A		N/A	0524	WAOS	0.041
BU0028	N/A	SDPEN	ICP	AS	0524	14	0.162	N/A	N/A		N/A	0524	WAOS	0.081
BU0029	PROBASCO C J	SDBLA	ICP	AS	0507	14	0.219	N/A	N/A		N/A	0507	WAOS	0.110
MN0035	N/A	SDCRO	ICP	AS	2551	14	0.111	N/A	N/A		N/A	2551	WAOS	0.056
MN0034	N/A	SDCRO	ICP	AS	2551	14	0.064	N/A	N/A		N/A	2551	WAOS	0.032
MN0060	RUTGERS RESEARCH	SDCRO	ICP	AS	2551	14	0.011	N/A	N/A		N/A	2551	WAOS	0.006

Appendix A Depletive Water Use Data

Water Allocation Permit Number	Surface or Ground Water Diversion	Source Diversion	Province	Category & Type of Diversion	Diversion Location	R W R P A #	Actual Average Annual Withdrawal (MGD)	NJPDES Permit Number	Waste Water Treatment Plant (WWTP)	Discharge Receiving Water	Actual Average Annual WWTP Discharge (MGD)	Discharge Location	Specific Discharge Location	Total Depletive Water Use (MGD)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
BU0135	BLUE GRASS LAWN FARM	GTKW	OCP	AG	0529	14	0.040	N/A	N/A		N/A	0529	WAOS	0.020
BU0062	CROSHAW D	SDCRA	ICP	AS	0518	14	0.092	N/A	N/A		N/A	0518	WAOS	0.046
BU0034	TOTTEN FARMS	GKET	ICP	AG	0526	14	0.060	N/A	N/A		N/A	0526	WAOS	0.030
MN0032	N/A	SDCRO	ICP	AS	2551	14	0.074	N/A	N/A		N/A	2551	WAOS	0.037
MN0054	REED S	SDASP	ICP	AS	2551	14	0.139	N/A	N/A		N/A	2551	WAOS	0.070
MN0050	REEDS SOD FARM	SDCRO	ICP	AS	2551	14	0.072	N/A	N/A		N/A	2551	WAOS	0.036
BU0007	WHITE INC	SDRAN	ICP	AS	0528	14	2.186	N/A	N/A		N/A	0528	WAOS	1.093
BU0128	BLUE GRASS LAWN FARMS	GKMW	ICP	AG	0506	14	0.017	N/A	N/A		N/A	0506	WAOS	0.009
BU0023	PENNINGTON F	SDRAN	ICP	AS	0509	14	0.018	N/A	N/A		N/A	0509	WAOS	0.009
MN0057	PRINCETON NURSERIES	SDCRO	ICP	AS	2551	14	0.163	N/A	N/A		N/A	2551	WAOS	0.082
BU0040	GUZIKOWSKI FARMS	SDBLA	ICP	AS	0526	14	0.078	N/A	N/A		N/A	0526	WAOS	0.039
MN0048	R INFANTE & SONS	SDCRO	ICP	AS	2551	14	0.061	N/A	N/A		N/A	2551	WAOS	0.031
BU0018	HEAL FARM MARKET	GKMV	ICP	AG	0506	14	0.157	N/A	N/A		N/A	0506	WAOS	0.079
BU0123	SCHNOOR E	GTCH	ICP	AG	0534	14	0.173	N/A	N/A		N/A	0534	WAOS	0.087
BU0091	BOWKER E	SDRAN	ICP	AS	0528	14	0.458	N/A	N/A		N/A	0528	WAOS	0.229
MN0031	TOTTEN FARMS	GTCH	ICP	AG	2502	14	0.042	N/A	N/A		N/A	2502	WAOS	0.021
BU0010	ENG T	SDCRO	ICP	AS	0526	14	0.050	N/A	N/A		N/A	0526	WAOS	0.025
2186P	CREAM RIDGE GOLF COURSE	GKMR	ICP	AG	2551	14	0.028	N/A	N/A		N/A	2551	WAOS	0.014
ME0006	ELLIS H	GKWB	ICP	AG	2112	14	0.034	N/A	N/A		N/A	2112	WAOS	0.017
BU0085	MOORE J	GKWE	ICP	AG	0524	14	0.009	N/A	N/A		N/A	0524	WAOS	0.005
MN0058	COLLINS E	SDCRO	ICP	AS	2551	14	0.043	N/A	N/A		N/A	2551	WAOS	0.022
BU0048	VARSACI F	GKMR	ICP	AG	0512	14	0.031	N/A	N/A		N/A	0512	WAOS	0.016
BU0054	JONES L	GKML	ICP	AG	0517	14	0.012	N/A	N/A		N/A	0517	WAOS	0.006
BU0009	RUSSO N	SDCRO	ICP	AS	0507	14	0.089	N/A	N/A		N/A	0507	WAOS	0.045
BU0016	WILSON R D	SDCRO	ICP	AS	0507	14	0.045	N/A	N/A		N/A	0507	WAOS	0.023
BU0002	PRICKETT INC	SDRAN	ICP	AS	0517	14	0.051	N/A	N/A		N/A	0517	WAOS	0.026
BU0037	PUGLIA A	SDASC	ICP	AS	0518	14	0.038	N/A	N/A		N/A	0518	WAOS	0.019
BU0131	PHILLIP PRICKET INC	GTKW	ICP	AG	0516	14	0.016	N/A	N/A		N/A	0516	WAOS	0.008
OC0002	SOUTH LAND FARMS	GTCH	OCP	AG	2923	14	0.137	N/A	N/A		N/A	2923	WAOS	0.069
BU0095	KUCOWSKI G	SDBLA	ICP	AS	0526	14	0.023	N/A	N/A		N/A	0526	WAOS	0.012
BU0032	MEDFORD NURSERY	GKMN	OCP	AG	0521	14	0.303	N/A	N/A		N/A	0521	WAOS	0.152
BU0115	LONGSTREET D M	SDBLA	ICP	AS	0507	14	0.026	N/A	N/A		N/A	0507	WAOS	0.013
BU0061	KELLER E	GKMR	ICP	AG	0506	14	0.016	N/A	N/A		N/A	0506	WAOS	0.008
MN0004	R INFANTE & SONS	SDCRO	ICP	AS	2551	14	0.061	N/A	N/A		N/A	2551	WAOS	0.031
MN0051	KLEIN J	SDCRO	ICP	AS	2551	14	0.019	N/A	N/A		N/A	2551	WAOS	0.010
ME0005	LENGYEN R	SDCRO	ICP	AS	2103	14	0.068	N/A	N/A		N/A	2103	WAOS	0.034
BU0014	MURPHY A W	GKMR	ICP	AG	0506	14	0.017	N/A	N/A		N/A	0506	WAOS	0.009
MN0063	KIEREPKA J	SDCRO	ICP	AS	2551	14	0.016	N/A	N/A		N/A	2551	WAOS	0.008
BU0072	KATONA FARMS	SDCRO	ICP	AS	0507	14	0.029	N/A	N/A		N/A	0507	WAOS	0.015
MN0031	TOTTEN FARMS	SDCRO	ICP	AS	2502	14	0.061	N/A	N/A		N/A	2502	WAOS	0.031
MN0029	PLEASANT RUN FARM	SDCRO	ICP	AS	2551	14	0.071	N/A	N/A		N/A	2551	WAOS	0.036
MN0049	N/A	SDCRO	ICP	AS	2551	14	0.029	N/A	N/A		N/A	2551	WAOS	0.015
BU0018	HEAL FARM MARKET	GKMR	ICP	AG	0506	14	0.170	N/A	N/A		N/A	0506	WAOS	0.085
MN0025	PERRETTI W	SDCRO	ICP	AS	2551	14	0.064	N/A	N/A		N/A	2551	WAOS	0.032
BU0011	STEVENS J	GTCH	ICP	AG	0503	14	0.014	N/A	N/A		N/A	0503	WAOS	0.007
2208P	OCCIDENTAL CHEMICAL CORP.	GKMR	ICP	IG	0506	14	2.765	4391	OCCIDENTAL CHEM CO	MARTINS DITCH	2.463	0506	WAOS	
2229P	OCCIDENTAL CHEMICAL	GKMR	ICP	IG	0505	14	0.571	4235	OCCIDENTAL CHEM CO	BUSTLETON CREEK	0.500	0505	WAIS	
2178P	OCEAN SPRAY CRANBERRIES	GKMR	ICP	IG	0503	14	0.085	4294	OCEAN SPRAY CO	THORNTON CREEK	0.089	0503	WAIS	
5233	SUNBURY VILLAGE W.C.	GKMW	OCP	PGC	0529	14	0.000	24821	PEMBERTON TWP. STP	RANOCAS CREEK	1.090	0529	WAIS	

Appendix A Depletive Water Use Data

Water Allocation Permit Number	Surface or Ground Water Diversion	Source Diversion	Province	Category & Type of Diversion	Diversion Location	R W R P F A #	Actual Average Annual Withdrawal (MGD)	NJPDES Permit Number	Waste Water Treatment Plant (WWTP)	Discharge Receiving Water	Actual Average Annual WWTP Discharge (MGD)	Discharge Location	Specific Discharge Location		Total Depletive Water Use (MGD)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
5321	PEMBERTON BORO	GKMW	ICP	PGC	0528	14	0.178	24821	PEMBERTON TWP. STP	RANCOCAS CREEK		0529	WAIS		
5357	BURLINGTON COUNTY HOSPITAL	GKET	OCF	PGC	0529	14	0.103	24821	PEMBERTON TWP. STP	RANCOCAS CREEK		0529	WAIS		
5129	PEMBERTON TOWNSHIP	GKMW	OCF	PGC	0529	14	0.920	24821	PEMBERTON TWP. STP	RANCOCAS CREEK		0529	WAIS		
5042	LAKE VALLEY W.C.	GKMW	OCF	PGC	0529	14	0.234	24821	PEMBERTON TWP. STP	RANCOCAS CREEK		0529	WAIS		
2162P	DEBORAH HEART & LUNG	GKMW	OCF	IG	0529	14	0.113	24821	PEMBERTON TWP. STP	RANCOCAS CREEK		0529	WAIS		
10267W	MOBILE ESTATE-SOUTHAMPTON	GKMR	OCF	PGC	0533	14	0.020	24821	PEMBERTON TWP. STP	RANCOCAS CREEK		0529	WAIS		
2288P	PINE VIEW TERRACE	GKMW	OCF	IG	0529	14		24821	PEMBERTON TWP. STP	RANCOCAS CREEK		0529	WAIS		
2288P	PINE VIEW TERRACE	GKET	OCF	IG	0529	14	0.036	24821	PEMBERTON TWP. STP	RANCOCAS CREEK		0529	WAIS		
5228	HAMPTON LAKES WATER CO	GKMW	OCF	PGC	0533	14	0.528	24821	PEMBERTON TWP. STP	RANCOCAS CREEK		0529	WAIS		
10264W	VINCENTOWN W.C.	GKMW	OCF	PGC	0533	14	0.033	24821	PEMBERTON TWP. STP	RANCOCAS CREEK		0529	WAIS		
4044PS	PSE&G CO. BURLINGTON	SDDDEL	ICP	IS	0505	14	57.837	5002	PSE&G BURLINGTON	DELAWARE RIVER	56.800	0505	WAIS		
4048PS	PSE&G CO.-MERCER GEN	SDDDEL	ICP	IS	2103	14	534.355	4995	PSE&G MERCER GEN STA	DELAWARE RIVER	542.100	2111	WAIS		
5025	MOUNT HOLLY W.C.	GKMR	ICP	PGC	0537	14	1.415	24015	RANCOCAS ROAD STP	RANCOCAS CREEK		0523	WAIS		
5025	MOUNT HOLLY W.C.	GKMR	ICP	PGC	0523	14	1.310	24015	RANCOCAS ROAD STP	RANCOCAS CREEK	2.358	0523	WAIS		
5248	ROOSEVELT BOROUGH	GKROB	ICP	PGC	2541	14	0.128	22918	ROOSEVELT STP	ASSUNPINK CREEK	0.261	2541	WAIS		
5020	ELIZABETHOWN WC	GKRF	ICP	PGC	2113	14	1.077	31119	SBRSA #1	MILLSTONE RIVER		2110	OAS	10	1.077
5154	NEW EGYPT c/o MT. HOLLY W.C.	GKET	OCF	PGC	2923	14	0.112	N/A	SEPTICS/PLUMSTEAD	GROUND WATER		2923	WAOS		
2181P	SYBRON CHEMICAL	GKMR	ICP	IG	0528	14	0.593	5509	SYBRON CHEMICALS	N BR RANCOCAS CREEK	0.686	0528	WAIS		
2065P	RUMAC CORPORATION	GKR	PUG	IG	2111	14	0.000	20923	TRENTON STP	DELAWARE RIVER		2111	WAIS		
5187	TRENTON WATER DEPT.	SDDDEL	PUG	PS	2111	14	30.368	*	TRENTON/HAMILTON/ELSA STPS	*	45.360	2111	WAIS		
5189	NEW JERSEY - AMERICAN W.C.	GKMR	ICP	PGC	0512	14	1.565	23361	WILLINGBORO STP	RANCOCAS CREEK	4.169	0538	WAIS		
5175	WILLINGBORO TOWNSHIP	GKMR	ICP	PGC	0538	14	3.892	23361	WILLINGBORO STP	RANCOCAS CREEK		0538	WAIS		
5189	WRIGHTSTOWN MUA	GKMR	ICP	PGC	0534	14	0.141	22985	WRIGHTSTOWN MUA	CROSSWICKS CREEK	0.152	0540	WAIS		
5063	NEW JERSEY - AMERICAN W.C.	GKR	NOC	PGC	2919	15	0.109	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	16	0.109
5062	NEW JERSEY - AMERICAN W.C.	GKROB	NOC	PGC	2907	15	0.494	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	16	0.494
5075	JACKSON TOWNSHIP MUA	GKET	NOC	PGC	2911	15	0.261	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB		0.261
5285	HOWELL TWP. DEPT.	GKMW	NOC	PGC	2519	15	0.000	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB		0.000
5184	PARKWAY WATER CO.	GTCH	NOC	PG	2519	15	0.196	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB		0.196
2367P	OCEAN COUNTY/FORGE POND	GRS	NOC	IG	2906	15	0.020	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB		0.020
5075	JACKSON TOWNSHIP MUA	GKROB	NOC	PGC	2911	15	0.510	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB		0.510
5079	LAKEWOOD TOWNSHIP MUA	GKET	NOC	PGC	2914	15	0.377	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB		0.377
5150	POINT PLEASANT BOROUGH	GKROB	NOC	PGC	2924	15	1.238	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB		1.238
5150	PT PLEASANT BORO	GTKW	NOC	PG	2924	15	0.320	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB		0.320
5172	BRICK TOWNSHIP MUA	GTCH	NOC	PG	2906	15	0.882	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB		0.882
5172	BRICK TOWNSHIP MUA	SCMET	NOC	PS	2906	15	1.143	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB		1.143
5079	LAKEWOOD TOWNSHIP MUA	GKMR	NOC	PGC	2914	15	0.855	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB		0.855
5079	LONG BEACH TWP MUA	GTCH	NOC	PG	2914	15	0.251	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB		0.251
5078	NEW JERSEY - AMERICAN W.C.	GKMR	NOC	PGC	2914	15	0.937	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB		0.937
5075	JACKSON TOWNSHIP MUA	GTVT	NOC	PGC	2911	15	0.544	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB		0.544
5184	PARKWAY WATER CO.	GKET	NOC	PGC	2519	15	0.014	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB		0.014
5150	POINT PLEASANT BOROUGH	GKET	NOC	PGC	2924	15	0.337	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB		0.337

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
5078	NEW JERSEY - AMERICAN W.C.	GKET	NOC	PGC	2914	15	2.034	28142	NORTHERN STP	ATLANTIC OCEAN		2908	OB	2.034
5172	BRICK TOWNSHIP MUA	GKMR	NOC	PGC	2908	15	3.840	28142	NORTHERN STP	ATLANTIC OCEAN		2908	OB	3.840
OC0006	VOGEL D	SCCED	NOC	AS	2914	15	0.020	N/A	N/A		N/A	2914	WAOS	0.010
5063	NEW JERSEY - AMERICAN W.C.	GKET	NOC	PGC	2902	15	0.708	28018	SOUTHERN STP	ATLANTIC OCEAN		2930	OB	0.708
5136	LAVELLETTE BORO	GKET	NOC	PGC	2915	18	0.027	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	0.027
5136	LAVELLETTE BORO	GKROB	NOC	PGC	2915	18	0.067	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	0.067
2396P	LEISURE VILLAGE WEST	GTCH	NOC	IG	2918	18	N/A	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	N/A
5093	SEASIDE HEIGHTS BORO	GTMQ	NOC	PGC	2926	18	0.163	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	0.163
5348	CEDAR GLEN WEST	GTCH	NOC	PG	2918	18	0.098	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	0.098
2176P	CIBA-GEIGY COR. - TOMS RIV	NOC	NOC		2907	18		29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	
5230	BERKELEY WC	GTKW	NOC	PG	2905	18	0.001	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	0.001
10192W	OCEAN CTY MUA	GTCK	NOC	PG	2907	18	0.023	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	0.023
5136	LAVELLETTE BORO	GKET	NOC	PGC	2907	18	0.061	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	0.061
5231	CRESTWOOD VILLAGE	GTCH	NOC	PG	2918	18	1.145	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	1.145
5116	ISLAND HEIGHTS BORO	GTMQ	NOC	PGC	2910	18	0.220	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	0.220
5000	TOMS RIVER WC	GTCH	NOC	PG	2929	18	0.407	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	0.407
5036	CEDAR GLEN LAKES WC	GTCH	NOC	PG	2918	18	0.198	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	0.198
5252	PINE BEACH BORO	GTKW	NOC	PG	2922	18	0.217	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	0.217
5001	TOMS RIVER WC	GKRF	NOC	PGC	2907	18	2.038	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	2.038
5212	BEACHWOOD BORO	GTKW	NOC	PG	2904	18	0.768	29408	CENTRAL STP	ATLANTIC OCEAN	17.379	2905	OB	0.768
5136	LAVELLETTE BORO	GKMR	NOC	PGC	2907	18	0.300	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	0.300
5000	TOMS RIVER WC	GTCH	NOC	PG	2905	18	1.422	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	1.422
10206W	OCEAN CTY MUA	GTCK	NOC	PG	2929	18	0.006	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	0.006
5093	SEASIDE HEIGHTS BORO	GTKW	NOC	PG	2926	18	1.022	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	1.022
5001	TOMS RIVER WC	GTCH	NOC	PG	2907	18	4.889	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	4.889
5043	MANCHESTER TWP	GTCH	NOC	PG	2918	18	1.270	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	1.270
2176P	CIBA-GEIGY COR. - TOMS RIV	SCTOM	NOC	IS	2907	18	7.631	4120	CIBA-GEIGY CORP	ATLANTIC OCEAN	5.369	2907	OB	7.631
2176P	CIBA-GEIGY COR. - TOMS RIV	GTCH	NOC	IG	2907	18	1.501	4120	CIBA-GEIGY CORP	TOMS RIVER		2907	WAIS	
2024P	CLAYTON SAND CO.	GTCH	NOC	IG	2911	18	5.238	5169	CLAYTON SAND CO	DREDGE POND	N/A	2911	WAOS	
10243W	JACKSON TOWNSHIP TAX COLLECTOR	GKMR	NOC	PGC	2911	18	0.047	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB	15 0.047
5120	SEASIDE PARK BORO	GKMQ	NOC	PGC	2927	18	0.498	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB	15 0.498
4047PS	V & S PRECAST CORPORATION	SCMET	NOC	IS	2911	18	0.045	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB	15 0.045
5262	LAKEHURST BORO	GTCH	NOC	PG	2913	18	0.315	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB	15 0.315
2389P	K LAND CORPORATION NO. 11	GTKWU	NOC	IG	2911	18	N/A	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB	15 N/A
10163W	SOUTHWIND MOBIL HOME VILLAGE	GKMW	NOC	PGC	2911	18	0.024	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB	15 0.024
10339W	MEADOWBROOK COOPERATIVE	GKMW	NOC	PGC	2911	18	0.004	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB	15 0.004
5350	JACKSON TWP	GKR	NOC	PG	2911	18	0.068	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB	0.068
OC0009	LIPMAN E	SCTOM	NOC	AS	2918	18	0.166	N/A	N/A		N/A	2918	WAOS	0.083
OC0011	LIPMAN E	SCTOM	NOC	AS	2918	18	0.099	N/A	N/A		N/A	2918	WAOS	0.050
2286P	FISHER BROTHERS SAND & GRAVEL	GTCH	NOC	IG	2905	18	0.307	N/A	N/A		N/A	2905	WAOS	
2302P	VETERAN PARK/CEDAR CREEK GC	GTCH	NOC	AG	2905	18	0.051	N/A	N/A		N/A	2905	WAOS	0.026
OC0008	LIPMAN E	SCTOM	NOC	AS	2905	18	0.163	N/A	N/A		N/A	2905	WAOS	0.082
2316P	REDI-FLO CORP. OF NJ	GTCH	NOC	IG	2907	18	0.096	55255	REDI-FLO CORP	POLHEMUS BRANCH	0.088	2907	OB	0.096

Appendix A Depletive Water Use Data

Water Allocation Permit Number	Surface or Ground Water Diversion	Source Diversion	Province	Category & Type of Diversion	Diversion Location	R W R P A #	Actual Average Annual Withdrawal (MGD)	NJPDES Permit Number	Waste Water Treatment Plant (WWTP)	Discharge Receiving Water	Actual Average Annual WWTP Discharge (MGD)	Discharge Location	Specific Discharge Location	Total Depletive Water Use (MGD)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
2029P	AIR PRODUCTS & CHEMICALS	GKMR	ICP	IG	1507	17	0.087	4278	AIR PRODS & CHEM	CLONMELL CREEK	0.110	1507	WAIS	
2037P	ATOCHEM INC, ELF AQUITAINE	GKMR	ICP	IG	1520	17	0.165	4871	ATOCHEM INC	MATTHEWS BRANCH	0.159	1520	WAIS	
5202	NEW JERSEY - AMERICAN W.C.	GKMR	ICP	PGC	0703	17	0.867	26875	BARRINGTON BORO STP	BEAVER BROOK	0.650	0703	WAIS	
5223	BELLMAWR BOROUGH	GKMR	ICP	PGC	0704	17	1.274	26743	BELLMAWR SEWERAGE	BIG TIMBER CREEK	1.629	0704	WAIS	
2401P	BP OIL COMPANY	GKMR	ICP	IG	1514	17	N/A	5584	BP OIL CO	MANTUA CREEK	0.348	1514	WAIS	
5030	BROOKLAWN W.D.	GKMR	ICP	PGC	0707	17	0.376	22748	BROOKLAWN STP	BIG TIMBER CREEK	0.185	0707	WAIS	
5200	NEW JERSEY - AMERICAN W.C.	GKMR	ICP	PGC	0731	17	0.068	26182	CAMDEN COUNTY MUA	DELAWARE RIVER		0708	WAIS	
5302	CAMDEN CITY WATER DIV.	GKMR	ICP	PGC	0727	17	17.453	26182	CAMDEN COUNTY MUA	DELAWARE RIVER		0708	WAIS	
5200	NEW JERSEY - AMERICAN W.C.	GKMR	OCP	PGC	0713	17	4.768	26182	CAMDEN COUNTY MUA	DELAWARE RIVER		0708	WAIS	
5235	HADDON TOWNSHIP W.D.	GKMR	ICP	PGC	0716	17	1.314	26182	CAMDEN COUNTY MUA	DELAWARE RIVER		0708	WAIS	
5335	PINE HILL MUA	GKMR	OCP	PGC	0728	17	0.564	26182	CAMDEN COUNTY MUA	DELAWARE RIVER		0708	WAIS	
5305	MERCHANTVILLE-PENNSAUKEN	GKMR	ICP	PGC	0724	17	1.130	26182	CAMDEN COUNTY MUA	DELAWARE RIVER		0708	WAIS	
5200	NEW JERSEY - AMERICAN W.C.	GKMW	OCP	PGC	0720	17	0.107	26182	CAMDEN COUNTY MUA	DELAWARE RIVER		0708	WAIS	
5152	HADDONFIELD BORO	GKMR	ICP	PGC	0717	17	1.503	26182	CAMDEN COUNTY MUA	DELAWARE RIVER		0708	WAIS	
5201	NEW JERSEY - AMERICAN W.C.	GKMR	ICP	PGC	0708	17	3.585	26182	CAMDEN COUNTY MUA	DELAWARE RIVER	22.692	0708	WAIS	
5200	NEW JERSEY - AMERICAN W.C.	GKMR	OCP	PGC	0720	17	0.114	26182	CAMDEN COUNTY MUA	DELAWARE RIVER		0708	WAIS	
5202	NEW JERSEY - AMERICAN W.C.	GKMR	ICP	PGC	0718	17	1.897	26182	CAMDEN COUNTY MUA	DELAWARE RIVER		0708	WAIS	
5209	COLLINGWOOD BORO	GKMR	OCP	PGC	0712	17	2.658	26182	CAMDEN COUNTY MUA	DELAWARE RIVER		0708	WAIS	
5204	NEW JERSEY - AMERICAN W.C.	GKMR	OCP	PGC	0734	17	1.927	25046	CHERRY HILL STP	COOPER RIVER		0709	WAIS	
5203	NEW JERSEY - AMERICAN W.C.	GKMR	ICP	PGC	0709	17	8.276	25046	CHERRY HILL STP	COOPER RIVER	8.886	0709	WAIS	
2192P	CAMDEN COUNTY HEALTH	GKMR	OCP	IG	0715	17	0.107	*	CHEWS LANDING/BLCKWOOD	*		0715	WAIS	
5007	GARDEN STATE WATER CO.	GKMR	OCP	PGC	0715	17	2.196	*	CHEWS LANDING/BLCKWOOD	*		0715	WAIS	
5007	GARDEN STATE WATER CO.	GKMW	OCP	PGC	0715	17	0.219	*	CHEWS LANDING/BLCKWOOD	*		0715	WAIS	
5197	NEW JERSEY - AMERICAN W.C.	GKMR	OCP	PGC	0715	17	3.114	*	CHEWS LANDING/BLCKWOOD	*	3.471	0715	WAIS	
5195	NEW JERSEY - AMERICAN W.C.	GKMR	ICP	PGC	0508	17	1.931	24007	CINNAMINSON STP	DELAWARE RIVER	1.439	0508	WAIS	
5188	CLEMENTON BORO	GKMR	OCP	PGC	0728	17	0.354	20320	CLEMENTON STP	BIG TIMBER CREEK		0711	WAIS	
5188	CLEMENTON BORO	GKET	OCP	PGC	0711	17	0.261	20320	CLEMENTON STP	BIG TIMBER CREEK	0.737	0711	WAIS	
2205P	COASTAL EAGLE POINT OIL C	GKMR	ICP	IG	1521	17	3.368	5401	COASTAL EAGLE PT OIL	DELAWARE RIVER	1.218	1521	WAIS	
2205P	COASTAL EAGLE POINT OIL C	SDDDEL	ICP	IS	1520	17	1.662	5401	COASTAL EAGLE PT OIL	DELAWARE RIVER		1520	WAIS	
2205P	COASTAL EAGLE POINT OIL C	SDDDEL	ICP	IS	1521	17	1.663	5401	COASTAL EAGLE PT OIL	DELAWARE RIVER		1521	WAIS	
2205P	COASTAL EAGLE POINT OIL C	GKMR	ICP	IG	1520	17	3.354	5401	COASTAL EAGLE PT OIL	DELAWARE RIVER	4.005	1520	WAIS	
5188	NEW JERSEY - AMERICAN W.C.	GKMR	ICP	PGC	0510	17	1.860	23507	DELTRAN STP	RANCOCAS CREEK		0510	OAS	14 1.860
2251P	E.I. DUPONT DE NEMOURS	SD	ICP	IS	1507	17	0.321	4219	EI DUPONT DE NEMOURS	DELAWARE RIVER		1507	WAIS	
2251P	E.I. DUPONT DE NEMOURS	SDDDEL	ICP	IS	1507	17	42.246	4219	EI DUPONT DE NEMOURS	DELAWARE RIVER	37.720	1507	WAIS	

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
2251P	E.I. DUPONT DE NEMOURS	GKMR	ICP	IG	1507	17	0.760	4219	EI DUPONT DE NEMOURS	DELAWARE RIVER		1507	WAIS	14	0.522
5004	EVESHAM TWP MUA	GKMR	OCP	PGC	0513	17	0.522		ELMWOOD/WOODSTREAM	DELAWARE RIVER		0513	OAS		
2170P	ESSEX INDUSTRIAL CHEMICAL	SDMNT	ICP	IS	1514	17	0.628	5355	ESSEX CHEM CO	DELAWARE RIVER		1514	WAIS		
2170P	ESSEX INDUSTRIAL CHEMICAL	GKMR	ICP	IG	1514	17	0.324	5355	ESSEX CHEM CO	DELAWARE RIVER	0.185	1514	WAIS		
4027PS	GENERAL ELECTRIC AEROSPACE	SDDDEL	ICP	IS	0708	17	3.388	4189	GEN ELECT AERO	DELAWARE RIVER	2.233	0708	WAIS		
5153	NATIONAL PARK BOROUGH	GKMR	ICP	PGC	1512	17	0.318	24686	GLOUC CTY REG STP	DELAWARE RIVER		1520	WAIS		
5304	WEST DEPTFORD TWP.	GKMR	ICP	PGC	1520	17	2.403	24686	GLOUC CTY REG STP	DELAWARE RIVER		1520	WAIS		
5347	WOODBURY CITY	GKMR	ICP	PGC	1522	17	0.854	24686	GLOUC CTY REG STP	DELAWARE RIVER		1520	WAIS		
5195	WOODBURY HEIGHTS W.D.	GKMR	ICP	PGC	1523	17	0.307	24686	GLOUC CTY REG STP	DELAWARE RIVER		1520	WAIS		
2280P	LEPCAR CORP./PITMAN GOLF	SDMNT	OCP	IG	1510	17	0.009	24686	GLOUC CTY REG STP	DELAWARE RIVER		1520	WAIS		
2280P	LEPCAR CORP./PITMAN GOLF	GKMR	OCP	IG	1510	17	0.007	24686	GLOUC CTY REG STP	DELAWARE RIVER		1520	WAIS		
10193W	GLOUCESTER TOWNSHIP MUA	GKMR	ICP	PGC	1502	17	0.003	24686	GLOUC CTY REG STP	DELAWARE RIVER		1520	WAIS		
5338	DEPTFORD TOWNSHIP	GKMR	ICP	PGC	1502	17	2.110	24686	GLOUC CTY REG STP	DELAWARE RIVER		1520	WAIS		
5349	WOODBURY CITY	GKMR	ICP	PGC	1502	17	0.598	24686	GLOUC CTY REG STP	DELAWARE RIVER		1520	WAIS		
5194	WASHINGTON TWP. MUA	GKMR	OCP	PGC	1518	17	3.318	24686	GLOUC CTY REG STP	DELAWARE RIVER		1520	WAIS		
5314	MANTUA TOWNSHIP MUA	GKMR	OCP	PGC	1510	17	0.587	24686	GLOUC CTY REG STP	DELAWARE RIVER		1520	WAIS		
5137	PITMAN BORO	GKMR	OCP	PGC	1515	17	0.904	24686	GLOUC CTY REG STP	DELAWARE RIVER		1520	WAIS		
5192	WENNONAH BORO	GKMR	ICP	PGC	1519	17	0.269	24686	GLOUC CTY REG STP	DELAWARE RIVER		1520	WAIS		
2214P	MEDFORD LAND COMPANY	GKMW	OCP	IG	1518	17	0.022	24686	GLOUC CTY REG STP	DELAWARE RIVER		1520	WAIS		
5142	EAST GREENWICH TWP.	GKMR	ICP	PGC	1503	17	0.457	24686	GLOUC CTY REG STP	DELAWARE RIVER		1520	WAIS		
5319	WESTVILLE BOROUGH	GKMR	ICP	PGC	1521	17	0.645	24686	GLOUC CTY REG STP	DELAWARE RIVER		1520	WAIS		
2215P	HUNTSMAN	GKMR	ICP	IG	1520	17		24686	GLOUC CTY REG STP	DELAWARE RIVER		1520	WAIS		
5130	POLYPROPYLENE COR PAULSBORO BORO	GKMR	ICP	PGC	1514	17	0.927	24686	GLOUC CTY REG STP	DELAWARE RIVER		1520	WAIS		
2234P	AUSIMONT USA	GKMR	ICP	IG	1520	17	0.443	24686	GLOUC CTY REG STP	DELAWARE RIVER		1520	WAIS		
5010	GLOUCESTER CITY	GKMR	ICP	PGC	0714	17	1.540	26620	GLOUCESTER CITY STP	BIG TIMBER CREEK	1.915	0714	WAIS		
5253	GREENWICH TOWNSHIP	GKMR	ICP	PGC	1507	17	0.788	30333	GREENWICH TWP. STP	WIGGINS POND	0.668	1508	WAIS		
5193	MT. LAUREL TOWNSHIP MUA	GKMR	ICP	PGC	0524	17	2.433	25178	HARTFORD ROAD REGL	RANCOCAS CREEK	1.910	0524	WAIS		
2227P	HERCULES INCORPORATED	GKMR	ICP	IG	1507	17	0.285	5134	HERCULES INC	DELAWARE RIVER	0.297	1507	WAIS		
2215P	HUNTSMAN	GKMR	ICP	IG	1520	17	0.811	35831	HUNTSMAN POLYPROPYLENE	MANTUA CREEK	0.047	1520	WAIS		
2391P	POLYPROPYLENE COR INVERSAND COMPANY	GKMR	OCP	IG	1510	17	0.100	4146	INVERSAND CO	MANTUA CREEK		1510	WAIS		
2391P	INVERSAND COMPANY	GKMW	OCP	IG	1510	17	0.152	4146	INVERSAND CO	MANTUA CREEK	0.314	1510	WAIS		
2148P	MAC ANDREWS & FORBES	SDDDEL	ICP	IS	0708	17	0.051	4090	MAC ANDREWS & FORBES	CLAVERACK CREEK	0.107	0708	WAIS		
2148P	MAC ANDREWS & FORBES	GKMR	ICP	IG	0708	17	0.136	4090	MAC ANDREWS & FORBES	CLAVERACK CREEK		0708	WAIS		
5197	NEW JERSEY - AMERICAN W.C.	GKMR	ICP	PGC	0723	17	0.867	21431	MAGNOLIA STP	OTTER BR CREEK	0.338	0723	WAIS		
5190	MAPLE SHADE TOWNSHIP	GKMR	ICP	PGC	0519	17	2.312	28746	MAPLE SHADE TWP. TPT	N BR PENSAUKEN RIVER	1.873	0519	WAIS		
2204P	MOBIL OIL CORPORATION	GKMR	ICP	IG	1507	17	2.341	5029	MOBIL OIL CO	DELAWARE RIVER	N/A	1507	WAIS		
2204P	MOBIL OIL CORPORATION	SDDDEL	ICP	IS	1507	17	8.901	5029	MOBIL OIL CO	DELAWARE RIVER	N/A	1507	WAIS		
2217P	CAMPBELL SOUP CO.	GKMR	ICP	IG	0522	17	0.305	24996	MOORESTOWN STP	PENNSAUKEN CREEK		0522	WAIS		
2385P	MOORESTOWN FOURSOME	GKMR	ICP	IG	0522	17	N/A	24996	MOORESTOWN STP	PENNSAUKEN CREEK		0522	WAIS		
5121	MOORESTOWN TOWNSHIP	GKMR	ICP	PGC	0522	17	1.875	24996	MOORESTOWN STP	PENNSAUKEN CREEK	2.395	0522	WAIS		
2142P	RIVERTON COUNTRY CLUB	GKMR	ICP	AG	0531	17	0.035	N/A	N/A		N/A	0531	WAOS	0.018	
2287P	J.D.M MATERIALS CO.	GTCH	OCP	IG	0734	17	0.436	N/A	N/A		N/A	0734	WAOS		
GL0134	SHUTE H	GKET	ICP	AG	1507	17	0.017	N/A	N/A		N/A	1507	WAOS	0.009	
2257P	WESTWOOD GOLF CLUB	GKMR	ICP	AG	1522	17	0.016	N/A	N/A		N/A	1522	WAOS	0.008	

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
2061P	CONTINENTAL SAND	GTCH	OC	IG	0715	17	1.598	N/A	N/A		N/A	0715	WAOS	
BU0008	HUNTER J	SDEL	IC	AS	0508	17	0.034	N/A	N/A		N/A	0508	WAOS	0.017
2291P	EAGLES NEST-COUNTRY CLUB	GTCH	IC	AG	1502	17	0.057	N/A	N/A		N/A	1502	WAOS	0.029
GL0127	LEONE J	SDMNT	IC	AS	1503	17	0.019	N/A	N/A		N/A	1503	WAOS	0.010
2147P	PINE VALLEY GOLF CLUB	POND	OC	AG	0729	17	0.078	N/A	N/A		N/A	0729	WAOS	0.038
GL0127	LEONE J	GKMW	IC	AG	1503	17	0.014	N/A	N/A		N/A	1503	WAOS	0.007
CD0047	BURKHART S	GTCK	OC	AG	0715	17	0.040	N/A	N/A		N/A	0715	WAOS	0.020
GL0006	NEALES ORCHARDS	GQG	OC	AG	1510	17	0.029	N/A	N/A		N/A	1510	WAOS	0.015
2283P	VOORHEES GOLF CLUB	GKMW	OC	AG	0734	17	0.038	N/A	N/A		N/A	0734	WAOS	0.018
BU0113	ANDERSON P	SDRAN	IC	AS	0510	17	0.020	N/A	N/A		N/A	0510	WAOS	0.010
GL0001	DUFFIELD D	SDMNT	OC	AS	1518	17	0.184	N/A	N/A		N/A	1518	WAOS	0.092
GL0127	LEONE J	GKR	IC	AG	1503	17	0.030	N/A	N/A		N/A	1503	WAOS	0.015
2299P	TAVISTOCK COUNTRY CLUB	GKET	IC	AG	0733	17	0.021	N/A	N/A		N/A	0733	WAOS	0.011
BU0055	MORIUCHI FARMS INC	GTCH	IC	AG	0522	17	0.123	N/A	N/A		N/A	0522	WAOS	0.062
2299P	TAVISTOCK COUNTRY CLUB	GKMR	IC	AG	0733	17	0.008	N/A	N/A		N/A	0733	WAOS	0.004
CD0025	EBERT J	SDCOD	IC	AS	0709	17	0.041	N/A	N/A		N/A	0709	WAOS	0.021
2147P	PINE VALLEY GOLF CLUB	GKMW	OC	AG	0729	17	0.026	N/A	N/A		N/A	0729	WAOS	0.013
GL0052	SMITH R	GTCH	OC	AG	1518	17	0.011	N/A	N/A		N/A	1518	WAOS	0.006
GL0070	CALTABIANO BROS	SDRAC	IC	AS	1503	17	0.011	N/A	N/A		N/A	1503	WAOS	0.006
GL0022	PATANE A	SD	IC	AS	1507	17	0.230	N/A	N/A		N/A	1507	WAOS	0.115
GL0151	ZEE ORCHARDS	GKR	OC	AG	1515	17	0.153	N/A	N/A		N/A	1515	WAOS	0.077
CD0007	N/A	GTKW	IC	AG	0709	17	0.016	N/A	N/A		N/A	0709	WAOS	0.008
AT0162	GENOA FARMS INC	GTCH	IC	AG	0714	17	0.013	N/A	N/A		N/A	0714	WAOS	0.007
GL0184	LEONE J	SD	IC	AS	1503	17	0.064	N/A	N/A		N/A	1503	WAOS	0.032
GL0004	SMITH F	GTCH	OC	AG	1518	17	0.246	N/A	N/A		N/A	1518	WAOS	0.123
GL0110	PATANE BROS	SDMNT	OC	AS	1518	17	0.013	N/A	N/A		N/A	1518	WAOS	0.007
5173	MERCHANTVILLE-PENNSAUKEN	GKMR	IC	PGC	0727	17	6.158	25348	PENNSAUKEN STP	DELAWARE RIVER	4.100	0727	WAIS	
5197	NEW JERSEY - AMERICAN W.C.	GKMR	IC	PGC	0730	17	0.395	26859	RUNNEMEDE STP	BEAVER BROOK	0.980	0730	WAIS	
2365P	WHEELABATOR GLOUCESTER CO	SDEL	IC	IS	1521	17	14.400	62391	WHEELABATOR GLOUCESTER CO	DELAWARE RIVER	14.390	1521	WAIS	
5118	VENTNOR CITY	GTKWL	OC	PGC	0122	18	1.848	24473	ATLANTIC CITY STP	ATLANTIC OCEAN		0102	OB	1.848
10292W	SEA VIEW W.C.	GTKWL	OC	PGC	0108	18	0.018	24473	ATLANTIC CITY STP	ATLANTIC OCEAN		0102	OB	0.018
2317P	RESORTS INTERNATIONAL	GKTWL	OC	IG	0102	18	0.475	24473	ATLANTIC CITY STP	ATLANTIC OCEAN		0102	OB	0.475
5278	NEW JERSEY - AMERICAN W.C.	GTCH	OC	PG	0111	18	0.486	24473	ATLANTIC CITY STP	ATLANTIC OCEAN		0102	OB	0.486
5306	ATLANTIC CITY MUA	GTKWL	OC	PGC	0119	18	2.023	24473	ATLANTIC CITY STP	ATLANTIC OCEAN		0102	OB	2.023
2032P	PRUDENTIAL INSURANCE CO.	GTCH	OC	IG	0114	18	0.093	24473	ATLANTIC CITY STP	ATLANTIC OCEAN		0102	OB	0.093
5306	ATLANTIC CITY MUA	SCATL	OC	PS	0102	18	3.302	24473	ATLANTIC CITY STP	ATLANTIC OCEAN		0102	OB	3.302
5322	BRIGANTINE CITY	GTKWL	OC	PGC	0103	18	2.061	24473	ATLANTIC CITY STP	ATLANTIC OCEAN		0102	OB	2.061
5207	NEW JERSEY - AMERICAN W.C.	GTCH	OC	PG	0119	18	0.173	24473	ATLANTIC CITY STP	ATLANTIC OCEAN		0102	OB	0.173
5207	NEW JERSEY - AMERICAN W.C.	GTCH	OC	PG	0101	18	0.810	24473	ATLANTIC CITY STP	ATLANTIC OCEAN	24.579	0102	OB	0.810
5306	ATLANTIC CITY MUA	GTCH	OC	PG	0119	18	7.849	24473	ATLANTIC CITY STP	ATLANTIC OCEAN		0102	OB	7.849
5208	NEW JERSEY - AMERICAN W.C.	GTCH	OC	PG	0108	18	4.065	24473	ATLANTIC CITY STP	ATLANTIC OCEAN		0102	OB	4.065
5208	NEW JERSEY - AMERICAN W.C.	GTCH	OC	PG	0118	18	0.580	24473	ATLANTIC CITY STP	ATLANTIC OCEAN		0102	OB	0.580
5281	LONGPORT BORO	GTKWL	OC	PGC	0115	18	0.334	24473	ATLANTIC CITY STP	ATLANTIC OCEAN		0102	OB	0.334

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
5213	NEW JERSEY - AMERICAN W.C.	GTCH	OCF	PG	0121	18	0.340	24473	ATLANTIC CITY STP	ATLANTIC OCEAN		0102	OB	0.340
2300P	BALLY'S PARK PLACE	GKTWL	OCF	IG	0102	18	0.337	24473	ATLANTIC CITY STP	ATLANTIC OCEAN		0102	OB	0.337
5206	NEW JERSEY - AMERICAN W.C.	GTCH	OCF	PG	0114	18	0.202	24473	ATLANTIC CITY STP	ATLANTIC OCEAN		0102	OB	0.202
5108	MARGATE CITY	GTKWL	OCF	PGC	0116	18	1.428	24473	ATLANTIC CITY STP	ATLANTIC OCEAN		0102	OB	1.428
2011P	CLAYTON SAND CO.	GTCH	OCF	IG	0539	18	4.544	5189	CLAYTON SAND CO	DREDGE POND	6.000	0539	WAOS	
2072P	EASTERN BREWING CORP.	GTCH	OCF	IG	0113	18	0.158	28223	EASTERN BREW CO	CEDAR BRANCH STREAM	0.010	0113	WAIS	
5326	EGG HARBOR CITY W.D.	GTKW	OCF	PGC	0107	18	0.472	24589	EGG HARBOR STP	UNION CREEK	0.407	0107	WAIS	
2277P	FAA TECHNICAL CENTER	GTCH	OCF	IG	0108	18	0.180	20800	FAA TECH CTR	GRAVELLY RUN BROOK	0.140	0108	WAIS	
2072P	EASTERN BREWING CORP.	GTCH	OCF	IG	0113	18		25160	HAMMONTON STP	HAMMONTON CREEK		0113	WAIS	
5035	HAMMONTON WD	GTCH	OCF	PG	0113	18	0.756	25160	HAMMONTON STP	HAMMONTON CREEK	0.942	0113	WAIS	
2089P	LENOX CHINA	GTCH	OCF	IG	0111	18	0.122	5177	LENOX CHINA	JACK PUDDING BROOK	0.175	0111	WAIS	
BU0044	LEE BROS	GTCH	OCF	AG	0536	18	12.898	N/A	N/A		N/A	0536	WAOS	6.449
AT0180	BERENATO A J	GTCH	OCF	AG	0117	18	0.028	N/A	N/A		N/A	0117	WAOS	0.014
AT0114	MACRIE BROS	GTCH	OCF	AG	0117	18	0.024	N/A	N/A		N/A	0117	WAOS	0.012
BU0053	ABRAMS E	GTCH	OCF	AG	0535	18	0.026	N/A	N/A		N/A	0535	WAOS	0.013
CD0039	DONIO J	GTCK	OCF	AG	0735	18	0.038	N/A	N/A		N/A	0735	WAOS	0.019
BU0119	AMMON NURSERY	GTCH	OCF	AG	0539	18	0.037	N/A	N/A		N/A	0539	WAOS	0.019
AT0090	DEWEES W	SCMUL	OCF	AS	0113	18	0.021	N/A	N/A		N/A	0113	WAOS	0.011
AT0087	BRIDGE AVE FARMS	GTCH	OCF	AG	0113	18	0.168	N/A	N/A		N/A	0113	WAOS	0.084
AT0095	OAKCREST FARMS	GTCH	OCF	AG	0117	18	0.033	N/A	N/A		N/A	0117	WAOS	0.017
AT0039	HACKETT R	SCGRE	OCF	AS	0108	18	0.063	N/A	N/A		N/A	0108	WAOS	0.032
AT0089	DEL ROSSI T	GTCK	OCF	AG	0113	18	0.033	N/A	N/A		N/A	0113	WAOS	0.017
2310P	LINWOOD COUNTRY CLUB	GTCH	OCF	AG	0114	18	0.073	N/A	N/A		N/A	0114	WAOS	0.037
BU0082	A R DEMARCO ENTERPRISES	SCMUL	OCF	AS	0539	18	15.940	N/A	N/A		N/A	0539	WAOS	7.970
BU0074	VOGEL D	SCMUL	OCF	AS	0536	18	0.429	N/A	N/A		N/A	0536	WAOS	0.215
AT0108	PINELAND FARMS	GTCH	OCF	AG	0113	18	0.043	N/A	N/A		N/A	0113	WAOS	0.022
BU0042	MICK J	GTCH	OCF	AG	0536	18	0.130	N/A	N/A		N/A	0536	WAOS	0.065
AT0129	COIA BROS	GTCH	OCF	AG	0113	18	0.018	N/A	N/A		N/A	0113	WAOS	0.009
BU0099	TASSONE A	SCMUL	OCF	AS	0532	18	0.046	N/A	N/A		N/A	0532	WAOS	0.023
CD0026	DONIO D	GTCK	OCF	AG	0735	18	0.090	N/A	N/A		N/A	0735	WAOS	0.045
AT0018	THOMAS FLOWER FARM INC	GTCH	OCF	AG	0111	18	0.083	N/A	N/A		N/A	0111	WAOS	0.042
AT0187	SAL COLASURDO	GTCK	OCF	AG	0117	18	0.022	N/A	N/A		N/A	0117	WAOS	0.011
BU0110	ABRAMS E	SCMUL	OCF	AS	0532	18	0.041	N/A	N/A		N/A	0532	WAOS	0.021
2312P	ATLANTIC CITY COUNTRY CLUB	GTCH	OCF	AG	0118	18	0.073	N/A	N/A		N/A	0118	WAOS	0.037
AT0049	RENAULT WINERY INC	GTCH	OCF	AG	0107	18	0.013	N/A	N/A		N/A	0107	WAOS	0.007
BU0102	SOOY P	GTCH	OCF	AG	0536	18	0.010	N/A	N/A		N/A	0536	WAOS	0.005
AT0004	GRUNOW BROS	GTCH	OCF	AG	0111	18	0.064	N/A	N/A		N/A	0111	WAOS	0.032
AT0033	FRANCESCHINI R	GTCH	OCF	AG	0117	18	0.020	N/A	N/A		N/A	0117	WAOS	0.010
AT0122	BAR-O-FARMS	GTCH	OCF	AG	0113	18	0.046	N/A	N/A		N/A	0113	WAOS	0.023
AT0117	CAPPUCCIO M	GTCH	OCF	AG	0113	18	0.077	N/A	N/A		N/A	0113	WAOS	0.039
BU0001	ECKERT L	GTCH	OCF	AG	0535	18	0.068	N/A	N/A		N/A	0535	WAOS	0.033
BU0077	TABERNACLE SOD FARMS	GTCH	OCF	AG	0535	18	0.029	N/A	N/A		N/A	0535	WAOS	0.015
BU0052	SIMONS A	GTCH	OCF	AG	0535	18	0.010	N/A	N/A		N/A	0535	WAOS	0.005
AT0088	BRIDGE AVE FARMS	GTCH	OCF	AG	0113	18	0.168	N/A	N/A		N/A	0113	WAOS	0.083
AT0122	BAR-O-FARMS	SCMUL	OCF	AS	0113	18	0.074	N/A	N/A		N/A	0113	WAOS	0.037
AT0030	VARIETY FARMS	GTCH	OCF	AG	0117	18	0.164	N/A	N/A		N/A	0117	WAOS	0.082

Appendix A Depletive Water Use Data

Water Allocation Permit Number	Surface or Ground Water Diversion	Source Diversion	Province	Category & Type of Diversion	Diversion Location	R W R P A #	Actual Average Annual Withdrawal (MGD)	NJPDES Permit Number	Waste Water Treatment Plant (WWTP)	Discharge Receiving Water	Actual Average Annual WWTP Discharge (MGD)	Discharge Location	Specific Discharge Location	Total Depletive Water Use (MGD)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
BU0088	CONDURSO'S RIVER FARM	GTCH	OCF	AG	0535	18	0.219	N/A	N/A		N/A	0535	WAOS	0.110
AT0062	CHAPPINE A	GTCH	OCF	AG	0113	18	0.131	N/A	N/A		N/A	0113	WAOS	0.066
BU0098	JERSEY DEVIL CRANBERRIES	SDRAN	OCF	AS	0539	18	0.127	N/A	N/A		N/A	0539	WAOS	0.064
BU0125	RUTGERS UNIV RES CTR	SCMUL	OCF	AS	0536	18	0.207	N/A	N/A		N/A	0536	WAOS	0.104
AT0044	GLOSSY FRUIT FARMS	GTCH	OCF	AG	0113	18	0.149	N/A	N/A		N/A	0113	WAOS	0.075
AT0029	VARIETY FARMS	GTCH	OCF	AG	0117	18	0.115	N/A	N/A		N/A	0117	WAOS	0.058
AT0056	LANZA R	GTCH	OCF	AG	0111	18	0.060	N/A	N/A		N/A	0111	WAOS	0.030
AT0061	BARTOLONE W	GTCH	OCF	AG	0113	18	0.053	N/A	N/A		N/A	0113	WAOS	0.027
BU0093	ABRAMS R	SDRAN	OCF	AS	0532	18	0.047	N/A	N/A		N/A	0532	WAOS	0.024
BU0068	HAINES W S	SCMUL	OCF	AS	0539	18	0.067	N/A	N/A		N/A	0539	WAOS	0.034
AT0024	HILL R	SCMUL	OCF	AS	0117	18	0.183	N/A	N/A		N/A	0117	WAOS	0.092
AT0019	STADTMUELLER L	GTCH	OCF	AG	0111	18	0.011	N/A	N/A		N/A	0111	WAOS	0.006
AT0042	BERENATO A	GTCH	OCF	AG	0113	18	0.235	N/A	N/A		N/A	0113	WAOS	0.118
CD0041	DONIO J	GTCK	OCF	AG	0735	18	0.018	N/A	N/A		N/A	0735	WAOS	0.009
BU0065	MILLER F	GTCH	OCF	AG	0532	18	0.023	N/A	N/A		N/A	0532	WAOS	0.012
AT0164	THOMAS FLOWER FARM	GTCH	OCF	AG	0111	18	0.013	N/A	N/A		N/A	0111	WAOS	0.007
AT0131	DE MARCO R	SCGRE	OCF	AS	0113	18	0.023	N/A	N/A		N/A	0113	WAOS	0.012
BU0089	COWPERTHWAIT E	SCMUL	OCF	AS	0532	18	0.012	N/A	N/A		N/A	0532	WAOS	0.006
AT0119	RED BARN INC	GTCH	OCF	AG	0113	18	0.016	N/A	N/A		N/A	0113	WAOS	0.008
BU0012	ABRAMS M	GTCH	OCF	AG	0532	18	0.015	N/A	N/A		N/A	0532	WAOS	0.008
BU0013	ABRAMS M	GTCK	OCF	AG	0532	18	0.035	N/A	N/A		N/A	0532	WAOS	0.018
BU0103	MILLER C	GTCH	OCF	AG	0532	18	0.042	N/A	N/A		N/A	0532	WAOS	0.021
BU0065	MILLER F	GTCH	OCF	AG	0532	18	0.023	N/A	N/A		N/A	0532	WAOS	0.012
AT0111	RED BARN INC	GTCH	OCF	AG	0113	18	0.028	N/A	N/A		N/A	0113	WAOS	0.014
BU0056	ABRAMS L	GTCH	OCF	AG	0535	18	0.166	N/A	N/A		N/A	0535	WAOS	0.083
BU0005	WRIGHT H	SDRAN	OCF	AS	0532	18	0.055	N/A	N/A		N/A	0532	WAOS	0.028
BU0067	POINSETT W	GTCH	OCF	AG	0539	18	0.018	N/A	N/A		N/A	0539	WAOS	0.009
CD0033	PATORE ORCHARDS	GTCK	OCF	AG	0735	18	0.024	N/A	N/A		N/A	0735	WAOS	0.012
BU0069	HAINES & HAINES	GTCH	OCF	AG	0539	18	1.500	N/A	N/A		N/A	0539	WAOS	0.750
2359P	SOUTHERN MATERIAL	GTCH	OCF	IG	0539	18	2.855	N/A	N/A		N/A	0539	WAOS	
AT0110	BERTINO BROS	GTCH	OCF	AG	0113	18	0.075	N/A	N/A		N/A	0113	WAOS	0.038
BU0100	GARDNER R	GTCH	OCF	AG	0532	18	0.237	N/A	N/A		N/A	0532	WAOS	0.119
AT0003	WOLFE L	GTCK	OCF	AG	0117	18	0.238	N/A	N/A		N/A	0117	WAOS	0.119
BU0079	GARDNER J	GTCH	OCF	AG	0532	18	0.273	N/A	N/A		N/A	0532	WAOS	0.137
AT0035	TUCKAHOE TURF FARMS	GTCH	OCF	AG	0735	18	0.750	N/A	N/A		N/A	0735	WAOS	0.375
BU0104	CONTE J	GTCH	OCF	AG	0535	18	0.238	N/A	N/A		N/A	0535	WAOS	0.119
AT0028	FOX W	SCMUL	OCF	AS	0117	18	0.285	N/A	N/A		N/A	0117	WAOS	0.143
AT0071	BARTMER G	GTCH	OCF	AG	0113	18	0.101	N/A	N/A		N/A	0113	WAOS	0.051
BU0022	ABRAMS E	GTCH	OCF	AG	0532	18	0.773	N/A	N/A		N/A	0532	WAOS	0.387
BU0052	SIMONS A	SCMUL	OCF	AS	0535	18	0.345	N/A	N/A		N/A	0535	WAOS	0.173
BU0022	ABRAMS E	SCMUL	OCF	AS	0532	18	0.137	N/A	N/A		N/A	0532	WAOS	0.069
BU0082	A R DEMARCO ENTERPRISES	GTCH	OCF	AG	0539	18	0.570	N/A	N/A		N/A	0539	WAOS	0.285
BU0056	ABRAMS L	SCMUL	OCF	AS	0535	18	0.065	N/A	N/A		N/A	0535	WAOS	0.033
BU0039	ABRAMS J	GTCH	OCF	AG	0535	18	0.647	N/A	N/A		N/A	0535	WAOS	0.324
BU0021	KUPIRE CORP	SCMUL	OCF	AS	0501	18	9.589	N/A	N/A		N/A	0501	WAOS	4.795
BU0086	RUSSO FRUIT & VEG FARM	GTCH	OCF	AG	0535	18	0.302	N/A	N/A		N/A	0535	WAOS	0.151
BU0046	HILL M	GTCH	OCF	AG	0536	18	0.813	N/A	N/A		N/A	0536	WAOS	0.407
BU0021	KUPIRE CORP	GTCH	OCF	AG	0501	18	12.374	N/A	N/A		N/A	0501	WAOS	6.187
2131P	WARD SAND CO.	GTCH	OCF	IG	0539	18	4.540	N/A	N/A		N/A	0539	WAOS	
AT0016	WUILLERMIN A	GTCH	OCF	AG	0113	18	0.157	N/A	N/A		N/A	0113	WAOS	0.079
AT0118	CAPPUCCIO W	GTCH	OCF	AG	0113	18	0.270	N/A	N/A		N/A	0113	WAOS	0.135

Appendix A Depletive Water Use Data

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)		
AT0035	TUCKAHOE TURF FARMS	GTCH	OCF	AG	0113	18	0.750	N/A	N/A		N/A	0113	WAOS	0.375	
AT0097	DEFICCIO BROS	GTCH	OCF	AG	0113	18	0.267	N/A	N/A		N/A	0113	WAOS	0.134	
BU0046	HILL M	SCMUL	OCF	AS	0536	18	0.746	N/A	N/A		N/A	0536	WAOS	0.373	
AT0141	MILLER F O	SCMUL	OCF	AS	0113	18	1.414	N/A	N/A		N/A	0113	WAOS	0.707	
BU0069	HAINES & HAINES	SCMUL	OCF	AS	0539	18	1.729	N/A	N/A		N/A	0539	WAOS	0.865	
BU0057	THOMPSON C	GTCH	OCF	AG	0535	18	1.758	N/A	N/A		N/A	0535	WAOS	0.879	
AT0082	BERENATO J A	GTCH	OCF	AG	0113	18	0.065	N/A	N/A		N/A	0113	WAOS	0.033	
BU0063	CUTTS BROS	GTCH	OCF	AG	0535	18	4.224	N/A	N/A		N/A	0535	WAOS	2.112	
AT0083	BERENATO J A	GTCH	OCF	AG	0113	18	0.050	N/A	N/A		N/A	0113	WAOS	0.025	
AT0165	FRANCESCHINI S	GTCH	OCF	AG	0117	18	0.017	N/A	N/A		N/A	0117	WAOS	0.009	
BU0132	STEPLER H	GTCH	OCF	AG	0535	18	0.196	N/A	N/A		N/A	0535	WAOS	0.099	
AT0123	BLUE ACRES	GTCH	OCF	AG	0113	18	0.101	N/A	N/A		N/A	0113	WAOS	0.051	
BU0101	GARDNER ENTERPRISES	GTCH	OCF	AG	0532	18	0.732	N/A	N/A		N/A	0532	WAOS	0.366	
2080P	MARRIOTT'S SEAVIEW C.C.	GTCH	OCF	AG	0111	18	0.128	N/A	N/A		N/A	0111	WAOS	0.064	
BU0057	THOMPSON C	SCMUL	OCF	AS	0535	18	0.104	N/A	N/A		N/A	0535	WAOS	0.052	
BU0078	INDIAN MILLS NURSERY	GTCH	OCF	AG	0535	18	0.074	N/A	N/A		N/A	0535	WAOS	0.037	
BU0136	A R DEMARCO ENTERPRISES	SDRAN	OCF	AS	0539	18	2.959	N/A	N/A		N/A	0539	WAOS	1.480	
AT0014	SAHL J	GTCH	OCF	AG	0111	18	0.059	N/A	N/A		N/A	0111	WAOS	0.030	
AT0031	COLUMBIA FRUIT FARMS	SCMUL	OCF	AS	0113	18	0.058	N/A	N/A		N/A	0113	WAOS	0.028	
AT0125	SUNSHINE FRUIT FARMS	SCMUL	OCF	AS	0113	18	0.094	N/A	N/A		N/A	0113	WAOS	0.047	
AT0022	ROESCH J	GTCK	OCF	AG	0111	18	0.032	N/A	N/A		N/A	0111	WAOS	0.016	
BU0008	MOORE S	GTCH	OCF	AG	0535	18	0.149	N/A	N/A		N/A	0535	WAOS	0.075	
AT0140	FISCHER GREENHOUSES	GTCH	OCF	AG	0114	18	0.079	N/A	N/A		N/A	0114	WAOS	0.040	
BU0080	GARDNER J	GTCH	OCF	AG	0532	18	0.073	N/A	N/A		N/A	0532	WAOS	0.037	
AT0005	DA COSTA FRUIT FARMS	GTCH	OCF	AG	0117	18	0.150	N/A	N/A		N/A	0117	WAOS	0.075	
AT0015	WUILLERMIN E	GTCH	OCF	AG	0113	18	0.311	N/A	N/A		N/A	0113	WAOS	0.156	
AT0131	DE MARCO R	GTCH	OCF	AG	0113	18	0.104	N/A	N/A		N/A	0113	WAOS	0.052	
AT0097	DEFICCIO BROS	SCMUL	OCF	AS	0113	18	0.143	N/A	N/A		N/A	0113	WAOS	0.072	
CD0035	BERTINO BROS	GTCK	OCF	AG	0735	18	0.114	N/A	N/A		N/A	0735	WAOS	0.057	
BU0124	GROVATT H	GTKW	OCF	AG	0535	18	0.100	N/A	N/A		N/A	0535	WAOS	0.050	
2346P	GREATE BAY RESORT & C.C.	GQCM	OCF	AG	0121	18	0.069	N/A	N/A		N/A	0121	WAOS	0.035	
AT0017	WUILLERMIN A	GTCH	OCF	AG	0113	18	0.221	N/A	N/A		N/A	0113	WAOS	0.111	
BU0125	RUTGERS UNIV RES CTR	GTCH	OCF	AG	0536	18	0.153	N/A	N/A		N/A	0536	WAOS	0.077	
AT0124	PINE VIEW ORCHARDS	GTCH	OCF	AG	0113	18	0.195	N/A	N/A		N/A	0113	WAOS	0.098	
AT0077	MELORA J	GTCH	OCF	AG	0113	18	0.236	N/A	N/A		N/A	0113	WAOS	0.118	
AT0021	REED W	SCGRE	OCF	AS	0108	18	0.195	N/A	N/A		N/A	0108	WAOS	0.098	
AT0107	DE MARCO ORCHARDS	GTCK	OCF	AG	0113	18	0.060	N/A	N/A		N/A	0113	WAOS	0.030	
2080P	MARRIOTT'S SEAVIEW C.C.	GQCM	OCF	AG	0111	18	0.055	N/A	N/A		N/A	0111	WAOS	0.028	
5324	NEW JERSEY - AMERICAN W.C.	GTKWL	OCF	PGC	0908	18	2.025	35343	OCEAN CITY REG STP	ATLANTIC OCEAN		0908	OB	23	2.025
5037	LITTLE EGG HARBOR MUA	GTKW	NOC	PGC	2916	18	1.151	28018	SOUTHERN STP	ATLANTIC OCEAN		2930	OB	19	1.151
2157P	STOCKTON STATE COLLEGE	GTCH	OCF	IG	0111	18	0.125	27588	STOCKTON ST COLL	BONITA TIDEWAY		0111	WAIS		
5095	WINSLOW/IVYSTONE	GKMW	OCF	PGC	0735	18	0.200	91248	WATERFORD STP		N/A	0735	WAIS		
10148W	EAST ELME TOWNE	GTKPP	OCF	PGC	0736	18	0.014	90409	WINSLOW STP		0.288	0736	WAIS		
5259	OCEAN TWP MUA	GTCK	NOC	PG	2920	19	0.605	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	16	0.605
5060	PINEWOOD ESTATES	GTKW	NOC	PG	2933	19	0.130	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	16	0.130
5230	BERKELEY WC	GTKW	NOC	PG	2905	19	0.446	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	16	0.446
5288	SHORE WATER CO.	GTKW	NOC	PG	2905	19	0.021	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	16	0.021
5301	BARNEGAT TWP W&S	GTKW	NOC	PG	2933	19	0.755	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	16	0.755
5218	OCEAN GATE WC	GTKW	NOC	PG	2921	19	0.217	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	16	0.217
2080P	FRANCES MOON INC.	GTCH	NOC	IG	2933	19	0.146	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	16	0.146
2318P	ALPHA OMEGA EQUITIES	GTCH	NOC	IG	2933	19	0.367	29408	CENTRAL STP	ATLANTIC OCEAN		2905	OB	16	0.367

Appendix A Depletive Water Use Data

Water Allocation Permit Number	Surface or Ground Water Diversion	Source Diversion	Province	Category & Type of Diversion	Diversion Location	R W R P A #	Actual Average Annual Withdrawal (MGD)	NJPDES Permit Number	Waste Water Treatment Plant (WWTP)	Discharge Receiving Water	Actual Average Annual WWTP Discharge (MGD)	Discharge Location	Specific Discharge Location	Total Depletive Water Use (MGD)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
5288	SHORE WATER CO.	GTMQ	NOC	PGC	2905	19	0.135	29408	CENTRAL STP	ATLANTIC OCEAN				0.135
2164P	GPU NUCLEAR CORP.	GTKW	NOC	IG	2912	19	0.241	31097	GPU NUCLEAR CORP	S. BRANCH FORKED RIVER	0.318	2905-2912	OB-OB	0.241
2164P	GPU NUCLEAR CORP.	GTCH	NOC	IG	2912	19	0.088	31097	GPU NUCLEAR CORP	S. BRANCH FORKED RIVER		2912	OB	0.088
5120-OC0005	SEASIDE PARK BORO	GKMQ	NOC	PGC	2927	19	0.144	28142	NORTHERN STP	ATLANTIC OCEAN		2906	OB	0.144
2322P	COLLINS W	SCOCE	NOC	AS	2933	19	0.032	N/A	N/A		N/A	2933	WAOS	0.018
	OCEAN COUNTY PARKS DEPT.	GTCH	NOC	AG	2916	19	0.033	N/A	N/A		N/A	2916	WAOS	0.017
5112	LONG BEACH TOWNSHIP	GTKW	NOC	PGC	2917	19	0.733	26018	SOUTHERN STP	ATLANTIC OCEAN		2930	OB	0.733
5174	BEACH HAVEN BORO	GTCK	NOC	PGC	2903	19	0.585	26018	SOUTHERN STP	ATLANTIC OCEAN		2930	OB	0.585
5038	STAFFORD TOWNSHIP MUA	GTKW	NOC	PGC	2930	19	0.064	26018	SOUTHERN STP	ATLANTIC OCEAN		2930	OB	0.064
5112	LONG BEACH TOWNSHIP	GTKW	NOC	PG	2917	19	0.149	26018	SOUTHERN STP	ATLANTIC OCEAN		2930	OB	0.149
2315P	AT&T COMMUNICATION	GTKWU	NOC	IG	2930	19	0.110	26018	SOUTHERN STP	ATLANTIC OCEAN		2930	OB	0.110
5205	BARNEGET LIGHT	GTKW	NOC	PGC	2901	19	0.345	26018	SOUTHERN STP	ATLANTIC OCEAN		2930	OB	0.345
5085	BROOKDALE UTILITIES	GTCH	NOC	PG	2912	19	0.065	26018	SOUTHERN STP	ATLANTIC OCEAN		2930	OB	0.065
5271	HARVEY CEDAR BORO	GTKW	NOC	PGC	2909	19	0.300	26018	SOUTHERN STP	ATLANTIC OCEAN		2930	OB	0.300
5183	SHIP BOTTOM BORO	GTKW	NOC	PGC	2928	19	0.382	26018	SOUTHERN STP	ATLANTIC OCEAN		2930	OB	0.382
10199W	OCEAN CTY MUA	GTCK	NOC	PG	2908	19	0.001	26018	SOUTHERN STP	ATLANTIC OCEAN	5.961	2930	OB	0.001
5164	SURF CITY BORO	GTKW	NOC	PGC	2931	19	0.550	26018	SOUTHERN STP	ATLANTIC OCEAN		2930	OB	0.550
5038	STAFFORD TOWNSHIP MUA	GTKW	NOC	PG	2930	19	0.695	26018	SOUTHERN STP	ATLANTIC OCEAN		2930	OB	0.695
5119	TUCKERTON BORO	GTKW	NOC	PGC	2932	19	0.272	26018	SOUTHERN STP	ATLANTIC OCEAN		2930	OB	0.272
2168P	B.F. GOODRICH, GEO. VIN. DIV.	GKMR	ICP	IG	3306	20	0.831	4286	BF GOODRICH CO	TRIB TO DELAWARE RIVER	0.591	3306	OB	0.831
2122P	E.I.DUPONT DENEMOURS & CO.	GKMR	ICP	IG	3308	20	1.703	5100	EI DUPONT DE NEMOURS	DELAWARE RIVER		3313	OB	1.703
2122P	E.I.DUPONT DENEMOURS & CO.	SDSAL	ICP	IS	3308	20	10.218	5100	EI DUPONT DE NEMOURS	DELAWARE RIVER		3313	OB	10.218
2122P	E.I.DUPONT DENEMOURS & CO.	GQGU	ICP	IG	3308	20	0.139	5100	EI DUPONT DE NEMOURS	DELAWARE RIVER	12.099	3313	OB	0.139
4059PS	KEYSTONE COGENERATION SYSTEM	SDEL	ICP	IS	1509	20	N/A	76872	KEYSTONE COGENERATION	DELAWARE RIVER	N/A	1509	OB	N/A
10277W	PENNSGROVE/BRIDGEPORT	GKMR	ICP	PGC	1509	20	0.050	27545	LOGAN TWP. STP	DELAWARE RIVER		1509	WAIS	
5003	LOGAN WELLS W.C.	GKMR	ICP	PGC	1509	20	0.451	27545	LOGAN TWP. STP	DELAWARE RIVER	0.458	1509	WAIS	
2099P	MONSANTO COMPANY	GRS	ICP	IG	1509	20	0.005	5045	MONSANTO CO	DELAWARE RIVER	1.595	1509	OB	0.005
2099P	MONSANTO COMPANY	GKMR	ICP	IG	1509	20	1.218	5045	MONSANTO CO	DELAWARE RIVER		1509	OB	1.218
5183	SOUTH JERSEY W.C.	GKMR	OCP	PGC	1508	20	0.164	20532	MULLICA HILL/HARRISON STP	RACCOON CREEK	0.114	1508	WAIS	
CU0227	LA ROCCA T	GTCK	OCP	AG	1112	20	0.068	N/A	N/A		N/A	1112	WAOS	0.033
CU0065	HARRIS K	GTCH	OCP	AG	1112	20	0.025	N/A	N/A		N/A	1112	WAOS	0.013
GL0168	ZIENKER A	SDRAC	OCP	AS	1508	20	0.015	N/A	N/A		N/A	1508	WAOS	0.008
GL0067	TURK G	SDRAC	OCP	AS	1508	20	0.020	N/A	N/A		N/A	1508	WAOS	0.010
GL0068	TURK W	G	OCP	AG	1508	20	0.016	N/A	N/A		N/A	1508	WAOS	0.008
CU0121	DICKINSON M	GTCH	OCP	AG	1112	20	0.107	N/A	N/A		N/A	1112	WAOS	0.054
GL0114	REUTER G	GTCH	OCP	AG	1508	20	0.129	N/A	N/A		N/A	1508	WAOS	0.065
GL0086	STRING A	SDOLD	OCP	AS	1516	20	0.459	N/A	N/A		N/A	1516	WAOS	0.230
GL0061	N/A	SDRAC	OCP	AS	1508	20	0.131	N/A	N/A		N/A	1508	WAOS	0.066
GL0119	DAMMINGER R	GTCH	OCP	AG	1508	20	0.018	N/A	N/A		N/A	1508	WAOS	0.009
CU0066	MEADOW VIEW	GTCH	OCP	AG	1112	20	0.017	N/A	N/A		N/A	1112	WAOS	0.009
GL0016	HORNER W	SDRAC	ICP	AS	1524	20	0.036	N/A	N/A		N/A	1524	WAOS	0.018
SA0064	HALUSZKA W	GTCH	OCP	AG	3301	20	0.024	N/A	N/A		N/A	3301	WAOS	0.012
CU0060	AYARS S	SBSTO	OCP	AS	1112	20	0.021	N/A	N/A		N/A	1112	WAOS	0.011

Appendix A Depletive Water Use Data

Water Allocation Permit Number	Surface or Ground Water Diversion	Source Diversion	Province	Category & Type of Diversion	Diversion Location	R W R P A #	Actual Average Annual Withdrawal (MGD)	NJPDES Permit Number	Waste Water Treatment Plant (WWTP)	Discharge Receiving Water	Actual Average Annual WWTP Discharge (MGD)	Discharge Location	Specific Discharge Location	Total Depletive Water Use (MGD)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
GL0057	GLOUC NEW COMM CO	SDOLD	ICP	AS	1524	20	0.023	N/A	N/A		N/A	1524	WAOS	0.012
CU0125	NJ HITCHNER FARMS	GTCH	OCF	AG	1112	20	0.013	N/A	N/A		N/A	1112	WAOS	0.007
SA0061	BATTIATO F	SDSAL	ICP	AS	3305	20	0.027	N/A	N/A		N/A	3305	WAOS	0.014
SA0011	MUSUMECI A	GKMR	ICP	AG	3308	20	0.017	N/A	N/A		N/A	3308	WAOS	0.009
SA0096	SHEER BROS	SDSAL	ICP	AS	3308	20	0.021	N/A	N/A		N/A	3308	WAOS	0.011
SA0134	CATALANO M	SDSAL	ICP	AS	3305	20	0.040	N/A	N/A		N/A	3305	WAOS	0.020
SA0110	POWERS R	SDSAL	ICP	AS	3305	20	0.015	N/A	N/A		N/A	3305	WAOS	0.008
GL0105	MACCARONE S	SDOLD	ICP	AS	1524	20	0.066	N/A	N/A		N/A	1524	WAOS	0.033
2421P	PEDRICKTOWN COGEN. LTD.	GKMR	ICP	IG	3306	20	N/A	N/A	N/A		N/A	3306	OB	N/A
SA0080	INDIAN MILLS NURSERY	GTCH	OCF	AG	3301	20	0.012	N/A	N/A		N/A	3301	WAOS	0.006
GL0133	REUTER H	SDRAC	OCF	AS	1508	20	0.028	N/A	N/A		N/A	1508	WAOS	0.014
CU0123	MAYHEW R	GTCH	OCF	AG	1112	20	0.216	N/A	N/A		N/A	1112	WAOS	0.108
SA0140	CATALANO M	GKMW	ICP	AG	3305	20	0.018	N/A	N/A		N/A	3305	WAOS	0.009
GL0101	SORBELLO T	GTCK	OCF	AG	1516	20	0.181	N/A	N/A		N/A	1516	WAOS	0.091
SA0007	LEONE G	SDSAL	ICP	AS	3305	20	0.093	N/A	N/A		N/A	3305	WAOS	0.047
SA0021	MUSUMECI S	SDOLD	OCF	AS	3309	20	0.016	N/A	N/A		N/A	3309	WAOS	0.008
SA0035	LILLYA M	GKMW	ICP	AG	3312	20	0.062	N/A	N/A		N/A	3312	WAOS	0.046
GL0120	CLENDINING J	GTCH	OCF	AG	1508	20	0.026	N/A	N/A		N/A	1508	WAOS	0.013
SA0092	SPARKS W	SDOLD	ICP	AS	3306	20	0.070	N/A	N/A		N/A	3306	WAOS	0.035
GL0053	MOOD J	GKR	OCF	AG	1508	20	0.042	N/A	N/A		N/A	1508	WAOS	0.021
GL0072	NICOLOSI BROS	GKW	ICP	AG	1524	20	0.062	N/A	N/A		N/A	1524	WAOS	0.031
SA0033	PORCH K	SDOLD	ICP	AS	3306	20	0.073	N/A	N/A		N/A	3306	WAOS	0.037
SA0089	DE WILDE R	SBSTO	OCF	AS	3311	20	0.014	N/A	N/A		N/A	3311	WAOS	0.007
SA0062	STEININGER O	SDSAL	ICP	AS	3305	20	0.010	N/A	N/A		N/A	3305	WAOS	0.005
SA0090	BUZBY A	SDSAL	ICP	AS	3305	20	0.036	N/A	N/A		N/A	3305	WAOS	0.018
SA0053	KELLY BROS	SDSAL	ICP	AS	3305	20	0.052	N/A	N/A		N/A	3305	WAOS	0.026
GL0079	NICOLOSI BROS	SDOLD	ICP	AS	1524	20	0.066	N/A	N/A		N/A	1524	WAOS	0.043
CU0103	DE COU HILLTOP ORCHARDS	GTCH	OCF	AG	1112	20	0.584	N/A	N/A		N/A	1112	WAOS	0.292
GL0075	NICOLOSI BROS	SDOLD	ICP	AS	1524	20	0.064	N/A	N/A		N/A	1524	WAOS	0.032
CU0009	VAN METER FARMS	GTCH	OCF	AG	1112	20	0.077	N/A	N/A		N/A	1112	WAOS	0.039
CU0124	MAYHEW R	GTCH	OCF	AG	1112	20	0.190	N/A	N/A		N/A	1112	WAOS	0.095
SA0108	MEHAFFEY G	SBCOH	OCF	AS	3301	20	0.025	N/A	N/A		N/A	3301	WAOS	0.013
GL0123	PATTEN P	SD	OCF	AS	3315	20	0.039	N/A	N/A		N/A	3315	WAOS	0.020
SA0085	FOGG D	SDALL	OCF	AS	3304	20	0.027	N/A	N/A		N/A	3304	WAOS	0.014
SA0094	COLEMAN G	GTCH	OCF	AG	3301	20	0.036	N/A	N/A		N/A	3301	WAOS	0.018
SA0047	BATTIATO S	SDSAL	ICP	AS	3305	20	0.113	N/A	N/A		N/A	3305	WAOS	0.057
SA0124	CATALANO M	GKML	OCF	AG	3309	20	0.049	N/A	N/A		N/A	3309	WAOS	0.025
SA0031	TOMARCHIO A	SDOLD	OCF	AS	3309	20	0.025	N/A	N/A		N/A	3309	WAOS	0.013
CU0059	AYARS S	SBSTO	OCF	AS	1112	20	0.026	N/A	N/A		N/A	1112	WAOS	0.013
GL0028	VISALLI J	GKMR	OCF	AG	1508	20	0.019	N/A	N/A		N/A	1508	WAOS	0.010
SA0121	SPINA D	SDSAL	ICP	AS	3305	20	0.055	N/A	N/A		N/A	3305	WAOS	0.028
GL0046	HILL CREEK ORCHARDS	SDRAC	OCF	AS	1516	20	0.037	N/A	N/A		N/A	1516	WAOS	0.019
CU0057	PORTER B	SBSTO	OCF	AS	1112	20	0.108	N/A	N/A		N/A	1112	WAOS	0.054
SA0014	DUBOIS BROS	GKMR	OCF	AG	3309	20	0.031	N/A	N/A		N/A	3309	WAOS	0.016
GL0174	GRASSO A	GTHT	OCF	AG	1508	20	0.036	N/A	N/A		N/A	1508	WAOS	0.018
GL0124	N/A	SD	OCF	AS	3315	20	0.016	N/A	N/A		N/A	3315	WAOS	0.008
GL0166	WW HERITAGE	GTCK	OCF	AG	1508	20	0.024	N/A	N/A		N/A	1508	WAOS	0.012
GL0027	MOOD M	SDRAC	OCF	AS	1508	20	0.073	N/A	N/A		N/A	1508	WAOS	0.037
SA0125	BEAL H	GTKW	OCF	AG	3304	20	0.024	N/A	N/A		N/A	3304	WAOS	0.012
GL0083	GRASSO A	SDRAC	OCF	AS	1508	20	0.018	N/A	N/A		N/A	1508	WAOS	0.009
GL0173	NICOLOSI BROS	SDOLD	ICP	AS	1509	20	0.012	N/A	N/A		N/A	1509	WAOS	0.006
2336P	R.E. PIERSON MATERIALS	GKMR	ICP	IG	1509	20	0.008	N/A	N/A		N/A	1509	WAOS	0.006

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
GL0058	GLOUC NEW COMM CO	SDOLD	ICP	AS	1524	20	0.119	N/A	N/A		N/A	1524	WAOS	0.080
SA0048	BATTIATO S	GKMV	ICP	AG	3313	20	0.044	N/A	N/A		N/A	3313	WAOS	0.022
SA0048	PERRY J	SDOLD	ICP	AS	3306	20	0.302	N/A	N/A		N/A	3306	WAOS	0.151
GL0158	LEONE R	SDRAC	ICP	AS	1509	20	0.033	N/A	N/A		N/A	1509	WAOS	0.017
GL0076	NICOLOSI BROS	GKML	ICP	AG	1524	20	0.041	N/A	N/A		N/A	1524	WAOS	0.021
SA0022	HANCOCK W	GTCH	ICP	AG	3303	20	0.020	N/A	N/A		N/A	3303	WAOS	0.010
GL0107	J MAUGERI FARMS	SDOLD	ICP	AS	1509	20	0.513	N/A	N/A		N/A	1509	WAOS	0.257
GL0172	NICOLOSI BROS	SDOLD	ICP	AS	1509	20	0.016	N/A	N/A		N/A	1509	WAOS	0.008
GL0021	CATALANO BROS	SDOLD	ICP	AS	1524	20	0.022	N/A	N/A		N/A	1524	WAOS	0.011
GL0077	NICOLOSI BROS	SDOLD	ICP	AS	1524	20	0.093	N/A	N/A		N/A	1524	WAOS	0.047
SA0023	HANCOCK W	SDSAL	ICP	AS	3305	20	0.164	N/A	N/A		N/A	3305	WAOS	0.082
SA0037	VASTA FARMS	SDSAL	ICP	AS	3313	20	0.045	N/A	N/A		N/A	3313	WAOS	0.023
SA0075	SPARKS M	GTHT	ICP	AG	3305	20	0.017	N/A	N/A		N/A	3305	WAOS	0.009
SA0121	SPINA D	GKMT	ICP	AG	3305	20	0.044	N/A	N/A		N/A	3305	WAOS	0.022
SA0035	LILLYA M	GKMV	ICP	AG	3305	20	0.125	N/A	N/A		N/A	3305	WAOS	0.063
SA0050	PATTEN P	SDOLD	ICP	AS	3309	20	0.229	N/A	N/A		N/A	3309	WAOS	0.115
SA0052	KELLY BROS	GTCH	ICP	AG	3309	20	0.059	N/A	N/A		N/A	3309	WAOS	0.030
SA0046	PERRY J	GKMR	ICP	AG	3306	20	0.057	N/A	N/A		N/A	3306	WAOS	0.029
GL0032	WILLIAMS L	SDRAC	ICP	AS	1524	20	0.016	N/A	N/A		N/A	1524	WAOS	0.008
SA0028	WARE BROS FARMS	SDSAL	ICP	AS	3303	20	0.022	N/A	N/A		N/A	3303	WAOS	0.011
SA0027	PIDGEON W	SDSAL	ICP	AS	3313	20	0.026	N/A	N/A		N/A	3313	WAOS	0.013
GL0183	RACITE D	SDOLD	ICP	AS	1509	20	0.028	N/A	N/A		N/A	1509	WAOS	0.014
SA0129	CATALANO M	ADALL	ICP	AS	3305	20	0.017	N/A	N/A		N/A	3305	WAOS	0.009
SA0035	LILLYA M	SDSAL	ICP	AS	3312	20	0.032	N/A	N/A		N/A	3312	WAOS	0.016
GL0015	GAVENTA A	SDRAC	ICP	AS	1509	20	0.019	N/A	N/A		N/A	1509	WAOS	0.010
SA0139	CATALANO M	SDSAL	ICP	AS	3305	20	0.108	N/A	N/A		N/A	3305	WAOS	0.054
CU0162	CHESTNUT RUN FARM	SBSTO	OCP	AS	1112	20	0.013	N/A	N/A		N/A	1112	WAOS	0.007
GL0136	CALI A	SD	ICP	AS	1509	20	0.109	N/A	N/A		N/A	1509	WAOS	0.055
SA0002	SALEM FARMS	SDSAL	ICP	AS	3305	20	0.206	N/A	N/A		N/A	3305	WAOS	0.103
GL0102	MARINO BROS	SDRAC	ICP	AS	1524	20	0.155	N/A	N/A		N/A	1524	WAOS	0.078
GL0049	LEONE G	SDOLD	ICP	AS	1524	20	0.310	N/A	N/A		N/A	1524	WAOS	0.155
GL0101	SORBELLO T	SDOLD	OCP	AS	1516	20	0.150	N/A	N/A		N/A	1516	WAOS	0.075
GL0149	STECHEA A	SDRAC	ICP	AS	1524	20	0.042	N/A	N/A		N/A	1524	WAOS	0.021
GL0149	STECHEA A	GKML	ICP	AG	1524	20	0.027	N/A	N/A		N/A	1524	WAOS	0.014
GL0078	NICOLOSI BROS	SDOLD	ICP	AS	1524	20	0.028	N/A	N/A		N/A	1524	WAOS	0.014
SA0122	WOOD R	SDALL	OCP	AS	3304	20	0.074	N/A	N/A		N/A	3304	WAOS	0.037
GL0121	SORBELLO J	GKMV	ICP	AG	1524	20	0.041	N/A	N/A		N/A	1524	WAOS	0.021
SA0124	CATALANO M	GTHT	OCP	AG	3309	20	0.049	N/A	N/A		N/A	3309	WAOS	0.025
GL0111	RIZZI J	SDOLD	ICP	AS	1524	20	0.048	N/A	N/A		N/A	1524	WAOS	0.024
SA0138	NICOLOSI S	SDSAL	ICP	AS	3305	20	0.051	N/A	N/A		N/A	3305	WAOS	0.026
GL0059	GLOUC NEW COMM CO	SDRAC	ICP	AS	1524	20	0.035	N/A	N/A		N/A	1524	WAOS	0.018
GL0045	SNYDER D	SDRAC	ICP	AS	1524	20	0.015	N/A	N/A		N/A	1524	WAOS	0.008
SA0076	FOWLER M	SDSAL	ICP	AS	3305	20	0.013	N/A	N/A		N/A	3305	WAOS	0.007
GL0166	WW HERITAGE	SDRAC	OCP	AS	1508	20	0.052	N/A	N/A		N/A	1508	WAOS	0.026
SA0014	DUBOIS BROS	SDSAL	OCP	AS	3309	20	0.057	N/A	N/A		N/A	3309	WAOS	0.029
SA0054	KELLY BROS	SDSAL	ICP	AS	3313	20	0.059	N/A	N/A		N/A	3313	WAOS	0.030
SA0049	SORBELLO B	GKMR	OCP	AG	3309	20	0.093	N/A	N/A		N/A	3309	WAOS	0.047
5328	PENNSGROVE WATER SUPPLY	GKMR	ICP	PGC	3313	20	0.768	*	PENNS GROVE/CARNEY PT.		N/A	3313	OB	0.768
5328	PENNSGROVE WATER SUPPLY	GKMR	ICP	PG	3313	20	0.617	*	PENNS GROVE/CARNEY PT.		1.221	3313	OB	0.617
2104P	ATLANTIC CITY ELECTRIC CO.	GKMR	ICP	IG	3308	20	0.947	21598	PENNSVILLE STP	DELAWARE RIVER		3308	OB	0.947

Appendix A Depletive Water Use Data

Water Allocation Permit Number	Surface or Ground Water Diversion	Source Diversion	Province	Category & Type of Diversion	Diversion Location	R W R P A #	Actual Average Annual Withdrawal (MGD)	NJPDES Permit Number	Waste Water Treatment Plant (WWTP)	Discharge Receiving Water	Actual Average Annual WWTP Discharge (MGD)	Discharge Location	Specific Discharge Location	Total Depletive Water Use (MGD)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
5047	PENNSVILLE TOWNSHIP	GKMR	ICP	PGC	3308	20	1.322	21598	PENNSVILLE STP	DELAWARE RIVER	1.415	3308	OB	1.322
2182P	P.M.C. CANNING CO.	GKMR	ICP	IG	1524	20	0.011	98973	PMC CO INC	LAGOONS	N/A	1524	WAOS	
2216P	PSE&G SALEM GENER. STN.	GKMW	OCF	IG	3304	20	0.270	25411	PSE&G HOPE CREEK	DELAWARE RIVER	0.840	3304	OB	0.270
2218P	PSE&G SALEM GENER. STN.	GKMR	OCF	IG	3304	20	0.393	25411	PSE&G HOPE CREEK	DELAWARE RIVER		3304	OB	0.393
5290	SALEM CITY WATER DEP.	SDALL	OCF	PS	3311	20	1.288	24856	SALEM STP	SALEM RIVER	0.900	3312	WAIS	
5105	SWEDESBORO BOROUGH	GKMR	ICP	PGC	1517	20	0.262	22021	SWEDESBORO STP	RACCOON CREEK	0.187	1517	WAIS	
5167	WOODTOWN BORO	GKMR	OCF	PGC	3315	20	0.303	22250	WOODSTOWN STP	SALEM RIVER	0.218	3315	WAIS	0.303
2127P	N.J. DEPT. OF CORRECTION	GKWL	OCF	IG	1109	21	0.570	21989	BAYSIDE ST PRISON	RIGGINS DITCH	0.363	1109	WAOS	
2220P	CLEMENTS PAPPAS CO.	GTCK	OCF	IG	1113	21	0.876	24651	BRIDGETON STP	COHANSEY RIVER		1101	WAIS	
5284	BRIDGETON CITY	GTCH	OCF	PG	1113	21	0.537	24651	BRIDGETON STP	COHANSEY RIVER		1113	WAIS	
5032	BRIDGETON CITY	GTCH	OCF	PG	1101	21	1.581	24651	BRIDGETON STP	COHANSEY RIVER	2.500	1101	WAIS	
2028P	WHIBCO INC	GQCM	OCF	IG	1109	21	0.021	24651	BRIDGETON STP	COHANSEY RIVER		1101	WAIS	
5283	BRIDGETON CITY	GTCH	OCF	PG	1107	21	0.501	24651	BRIDGETON STP	COHANSEY RIVER		1101	WAIS	
2028	WHIBCO INC	GTCK	OCF	IG	1109	21	4.481	24651	BRIDGETON STP	COHANSEY RIVER		1101	WAIS	
5331	SEABROOK WATER CO	GTKW	OCF	PG	1113	21	0.295	24651	BRIDGETON STP	COHANSEY RIVER		1113	WAIS	
2187P	ANCHOR HOCKING PACKAGING CO.	GKMR	OCF	IG	1506	21	0.171	24686	GLOUC CTY REG STP	DELAWARE RIVER		1520	OAS	17 0.171
5244	CLAYTON BOROUGH	GKMR	OCF	PGC	1501	21	0.593	24686	GLOUC CTY REG STP	DELAWARE RIVER	13.874	1520	OAS	17 0.593
5135	GLASSBORO BOROUGH	GKMR	OCF	PGC	1506	21	1.580	24686	GLOUC CTY REG STP	DELAWARE RIVER		1520	OAS	17 1.580
5170	HARDING WOODS INC	GTCH	OCF	PG	3310	21	0.074	99678	LAGOON (PITTS GROVE)	GROUND WATER		3310	WAOS	
5147	NEWFIELD BORO	GTCH	OCF	PG	1513	21	0.395	25364	LANDIS STP			1114	WAOS	
5148	VINELAND CITY	GTCH	OCF	PG	1114	21	8.766	25364	LANDIS STP		5.310	1114	WAOS	
5316	MILLVILLE CITY	GTCK	OCF	PG	1110	21	4.136	29467	MILLVILLE STP	MAURICE RIVER	2.900	1110	WAIS	
2282P	MORIE COMPANY	GTCH	OCF	IG	1109	21	0.700	5339	MORIE CO	MUSKEE CREEK	N/A	1109	WAIS	
2153P	MORIE COMPANY	GQCM	OCF	IG	1109	21	0.236	5339	MORIE CO	MUSKEE CREEK		1109	WAIS	
2213P	NATIONAL CAN COMPANY	GTCH	OCF	IG	1110	21	0.554	5398	NATIONAL CAN CO	MAURICE RIVER	0.398	1110	WAIS	
2228P	NEW JERSEY SILICA SAND	GTCH	OCF	IG	1110	21	0.033	4618	NJ SILICA SAND	MANUMUSKIN RIVER		1110	WAIS	
2228P	NEW JERSEY SILICA SAND	GQBS	OCF	IG	1110	21	1.295	4618	NJ SILICA SAND	MANUMUSKIN RIVER	2.307	1110	WAIS	
CU0199	FERRARI D	GTCH	OCF	AG	1114	21	0.078	N/A	N/A	N/A	N/A	1114	WAOS	0.039
CU0232	LANDIS SEWERAGE AUTH	GTCH	OCF	AG	1103	21	0.166	N/A	N/A	N/A	N/A	1103	WAOS	0.083
CU0043	SHEPPARD FARMS	GTCH	OCF	AG	1108	21	0.033	N/A	N/A	N/A	N/A	1108	WAOS	0.017
GL0178	WILLIAMSON D	GTCH	OCF	AG	1505	21	0.077	N/A	N/A	N/A	N/A	1505	WAOS	0.039
SA0039	WALKER BROS	SBMAU	OCF	AS	3310	21	0.035	N/A	N/A	N/A	N/A	3310	WAOS	0.018
CU0135	GRAIFF E	GTCK	OCF	AG	1114	21	0.046	N/A	N/A	N/A	N/A	1114	WAOS	0.023
CU0195	JOSEPH J	GTCH	OCF	AG	1114	21	0.014	N/A	N/A	N/A	N/A	1114	WAOS	0.007
CU0160	UPPER DEERFIELD B O E	GTCH	OCF	AG	1113	21	0.045	N/A	N/A	N/A	N/A	1113	WAOS	0.023
GL0113	ARCANGELI F	GTCH	OCF	AG	1505	21	0.016	N/A	N/A	N/A	N/A	1505	WAOS	0.008
GL0044	EAST COAST BULB	GTCH	OCF	AG	1505	21	0.037	N/A	N/A	N/A	N/A	1505	WAOS	0.019
CU0228	EVERGREEN VALLEY FARMS	GTCH	OCF	AG	1108	21	-0.041	N/A	N/A	N/A	N/A	1108	WAOS	0.021
CU0193	LEVEL ACRES FARMS	GTCH	OCF	AG	1105	21	0.033	N/A	N/A	N/A	N/A	1105	WAOS	0.017
SA0029	BISHOP W	GTCH	OCF	AG	3314	21	0.038	N/A	N/A	N/A	N/A	3314	WAOS	0.019
CU0152	HARMONY VALLEY NURSERY	GTCH	OCF	AG	1113	21	0.035	N/A	N/A	N/A	N/A	1113	WAOS	0.018
SA0009	HOLDCRAFT BROS	GTCH	OCF	AG	3310	21	0.013	N/A	N/A	N/A	N/A	3310	WAOS	0.007
CU0173	ALE W	GTCH	OCF	AG	1107	21	0.046	N/A	N/A	N/A	N/A	1107	WAOS	0.023
CU0235	CEDARVILLE COOP MARKETING	GTCH	OCF	AG	1108	21	0.017	N/A	N/A	N/A	N/A	1108	WAOS	0.009
SA0070	SAUDER D	GTCK	OCF	AG	3310	21	0.015	N/A	N/A	N/A	N/A	3310	WAOS	0.008
CU0054	BERTOLDI C	GTCH	OCF	AG	1114	21	0.016	N/A	N/A	N/A	N/A	1114	WAOS	0.008
CU0045	SHEPPARD FARMS	GTCH	OCF	AG	1108	21	0.039	N/A	N/A	N/A	N/A	1108	WAOS	0.020
GL0029	PERETTI J	GTCH	OCF	AG	1505	21	0.020	N/A	N/A	N/A	N/A	1505	WAOS	0.010
CU0026	J G AKERBOOM NURSERIES	GTCH	OCF	AG	1108	21	0.039	N/A	N/A	N/A	N/A	1108	WAOS	0.020
CU0221	PERICONI FARMS	GTCH	OCF	AG	1114	21	0.024	N/A	N/A	N/A	N/A	1114	WAOS	0.012

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
SA0145	MEYERFELD FARMS	GTCH	OCF	AG	3310	21	0.038	N/A	N/A		N/A	3310	WAOS	0.019
GL0137	WRIGHT E	SDRAC	OCF	AS	1504	21	0.012	N/A	N/A		N/A	1504	WAOS	0.006
CU0019	FRANCESCHINI R	GTCH	OCF	AG	1114	21	0.016	N/A	N/A		N/A	1114	WAOS	0.008
CU0002	HESS NURSERIES	GTCH	OCF	AG	1108	21	0.013	N/A	N/A		N/A	1108	WAOS	0.007
CU0044	BOWMAN FARMS	GTCH	OCF	AG	1108	21	0.033	N/A	N/A		N/A	1108	WAOS	0.017
CU0154	LC FARMS	GTCH	OCF	AG	1113	21	0.041	N/A	N/A		N/A	1113	WAOS	0.021
GL0010	SCHOBER R	GTCH	OCF	AG	1505	21	0.015	N/A	N/A		N/A	1505	WAOS	0.008
SA0020	HITCHNER G	GTCH	OCF	AG	3314	21	0.016	N/A	N/A		N/A	3314	WAOS	0.008
GL0030	GAGLIANONE J	GTCH	OCF	AG	1505	21	0.014	N/A	N/A		N/A	1505	WAOS	0.007
GL0112	CASTELLI FARMS	GTCH	OCF	AG	1505	21	0.017	N/A	N/A		N/A	1505	WAOS	0.009
GL0099	DE EUGENIO G	SDRAC	OCF	AS	1508	21	0.014	N/A	N/A		N/A	1508	WAOS	0.007
GL0186	GRASSO G	GQG	OCF	AG	1504	21	0.012	N/A	N/A		N/A	1504	WAOS	0.006
GL0138	STILES F	GQG	OCF	AG	1504	21	0.011	N/A	N/A		N/A	1504	WAOS	0.006
CU0212	BERGAMO FARMS	SBMAU	OCF	AS	1114	21	0.014	N/A	N/A		N/A	1114	WAOS	0.007
CU0093	BAITINGER F	GTCH	OCF	AG	1107	21	0.019	N/A	N/A		N/A	1107	WAOS	0.010
GL0115	GANT T	GTCH	OCF	AG	1504	21	0.012	N/A	N/A		N/A	1504	WAOS	0.006
CU0042	NANI M	GTCK	OCF	AG	1114	21	0.013	N/A	N/A		N/A	1114	WAOS	0.007
CU0138	MONTELEONE D	GTCH	OCF	AG	1114	21	0.017	N/A	N/A		N/A	1114	WAOS	0.009
CU0031	CRUZAN D	GTCH	OCF	AG	1107	21	0.014	N/A	N/A		N/A	1107	WAOS	0.007
CU0027	CENTERTON NURSERY	GTCK	OCF	AG	1113	21	0.462	N/A	N/A		N/A	1113	WAOS	0.231
CU0118	PALADINO FARMS	GTCH	OCF	AG	1101	21	0.018	N/A	N/A		N/A	1101	WAOS	0.009
CU0010	BENCH REALITY	GTCH	OCF	AG	1113	21	0.017	N/A	N/A		N/A	1113	WAOS	0.009
CU0006	MANETAS FARMS	GTCK	OCF	AG	1105	21	0.015	N/A	N/A		N/A	1105	WAOS	0.008
SA0143	SHIRLEY PINE DAIRY	GTCH	OCF	AG	3314	21	0.024	N/A	N/A		N/A	3314	WAOS	0.012
CU0005	MANETAS FARMS	GTCH	OCF	AG	1101	21	0.048	N/A	N/A		N/A	1101	WAOS	0.024
CU0118	PALADINO FARMS	GTCH	OCF	AG	1103	21	0.018	N/A	N/A		N/A	1103	WAOS	0.009
SA0008	WOJCULEWSKI J	GTCH	OCF	AG	3310	21	0.025	N/A	N/A		N/A	3310	WAOS	0.013
SA0095	PODSIADLO J	GTCH	OCF	AG	3314	21	0.012	N/A	N/A		N/A	3314	WAOS	0.006
CU0002	HESS NURSERIES	SCCED	OCF	AS	1108	21	0.025	N/A	N/A		N/A	1108	WAOS	0.013
SA0091	MURPHY E	SBMAU	OCF	AS	3314	21	0.025	N/A	N/A		N/A	3314	WAOS	0.013
SA0032	LACIOPPA T	GTCH	OCF	AG	3310	21	0.022	N/A	N/A		N/A	3310	WAOS	0.011
GL0109	FERRUCCI M	GTCH	OCF	AG	1505	21	0.041	N/A	N/A		N/A	1505	WAOS	0.021
CU0148	DEOLA D	GTCH	OCF	AG	1114	21	0.143	N/A	N/A		N/A	1114	WAOS	0.072
SA0004	SALEM FARMS	GQG	OCF	AG	3310	21	0.015	N/A	N/A		N/A	3310	WAOS	0.008
CU0095	FLAIM & SON	GTCH	OCF	AG	1114	21	0.131	N/A	N/A		N/A	1114	WAOS	0.066
SA0123	PAULAITIS C	GQG	OCF	AG	3310	21	0.020	N/A	N/A		N/A	3310	WAOS	0.010
SA0005	HITCHNER D	SBCOH	OCF	AS	1107	21	0.027	N/A	N/A		N/A	1107	WAOS	0.014
SA0058	PAULIS M	SBMAU	OCF	AS	3310	21	0.025	N/A	N/A		N/A	3310	WAOS	0.013
CU0063	GENOA FARMS	GTCH	OCF	AG	1114	21	0.013	N/A	N/A		N/A	1114	WAOS	0.007
CU0082	NURGE FARMS	GTCH	OCF	AG	1114	21	0.021	N/A	N/A		N/A	1114	WAOS	0.011
CU0211	EDWARDS R	GTCH	OCF	AG	1107	21	0.024	N/A	N/A		N/A	1107	WAOS	0.012
CU0051	TARABBO C	GTCH	OCF	AG	1114	21	0.103	N/A	N/A		N/A	1114	WAOS	0.052
GL0082	DEANS EVERGREENS	GTCH	OCF	AG	1504	21	0.023	N/A	N/A		N/A	1504	WAOS	0.012
SA0026	KERN W	SDOLD	OCF	AS	3314	21	0.026	N/A	N/A		N/A	3314	WAOS	0.013
CU0171	MEHAFFEY G	GTCH	OCF	AG	1113	21	0.023	N/A	N/A		N/A	1113	WAOS	0.012
GL0112	CASTELLI FARMS	SBMAU	OCF	AS	1505	21	0.026	N/A	N/A		N/A	1505	WAOS	0.013
CU0048	SHEPPARD FARMS	GTCH	OCF	AG	1108	21	0.023	N/A	N/A		N/A	1108	WAOS	0.012
GL0039	FLETCHER L	GTCH	OCF	AG	1504	21	0.020	N/A	N/A		N/A	1504	WAOS	0.010
GL0125	PUGLIA R	GQG	OCF	AG	1501	21	0.019	N/A	N/A		N/A	1501	WAOS	0.010
CU0119	ERNEST W	GTCH	OCF	AG	1107	21	0.048	N/A	N/A		N/A	1107	WAOS	0.024
GL0095	HAYNICZ H	GTCK	OCF	AG	1501	21	0.029	N/A	N/A		N/A	1501	WAOS	0.015
SA0095	PODSIADLO J	SBMAU	OCF	AS	3314	21	0.043	N/A	N/A		N/A	3314	WAOS	0.022

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
GL0128	PIOPPI FARMS	GTCH	OCF	AG	1505	21	0.141	N/A	N/A		N/A	1505	WAOS	0.071
CU0007	AURA ORCHARDS	GTCH	OCF	AG	1110	21	0.139	N/A	N/A		N/A	1110	WAOS	0.070
SA0067	DUBOIS H	GTCH	OCF	AG	3310	21	0.019	N/A	N/A		N/A	3310	WAOS	0.010
CU0083	JOHNSON FARMS	GTCH	OCF	AG	1113	21	0.036	N/A	N/A		N/A	1113	WAOS	0.018
CU0184	FERRARI L	GTCH	OCF	AG	1114	21	0.144	N/A	N/A		N/A	1114	WAOS	0.072
GL0161	CAPOZZI FARMS	GTCH	OCF	AG	1505	21	0.129	N/A	N/A		N/A	1505	WAOS	0.065
SA0030	KESSEL R	GTCH	OCF	AG	3314	21	0.143	N/A	N/A		N/A	3314	WAOS	0.072
SA0146	COOMBS G	GTCH	OCF	AG	3314	21	0.048	N/A	N/A		N/A	3314	WAOS	0.024
CU0181	BROCK FARMS	GTCH	OCF	AG	1113	21	0.141	N/A	N/A		N/A	1113	WAOS	0.071
CU0070	LANING BROS FARMS	GTCH	OCF	AG	1105	21	0.109	N/A	N/A		N/A	1105	WAOS	0.055
CU0139	BRAIDI J	GTCH	OCF	AG	1114	21	0.072	N/A	N/A		N/A	1114	WAOS	0.036
SA0003	SALEM FARMS	GTCH	OCF	AG	3314	21	0.049	N/A	N/A		N/A	3314	WAOS	0.025
CU0122	POPLAR BRAND FARMS	GTCH	OCF	AG	1105	21	0.111	N/A	N/A		N/A	1105	WAOS	0.056
CU0003	MYERS FARM	GTCH	OCF	AG	1113	21	0.146	N/A	N/A		N/A	1113	WAOS	0.073
SA0018	COOMBS J	GTCH	OCF	AG	3314	21	0.122	N/A	N/A		N/A	3314	WAOS	0.061
CU0073	LANING BROS FARMS	GTCH	OCF	AG	1105	21	0.027	N/A	N/A		N/A	1105	WAOS	0.014
CU0109	CASTELLINI M	GTCH	OCF	AG	1114	21	0.155	N/A	N/A		N/A	1114	WAOS	0.078
CU0204	INDIAN MILLS NURSERY	GTCH	OCF	AG	1113	21	0.131	N/A	N/A		N/A	1113	WAOS	0.066
CU0049	SHEPPARD FARMS	GTCH	OCF	AG	1108	21	0.210	N/A	N/A		N/A	1108	WAOS	0.105
CU0071	LANING BROS FARMS	GTCH	OCF	AG	1105	21	0.136	N/A	N/A		N/A	1105	WAOS	0.068
GL0082	DEANS EVERGREENS	SBMAU	OCF	AS	1504	21	0.025	N/A	N/A		N/A	1504	WAOS	0.013
CU0098	FRANCESCHINI D	GTCH	OCF	AG	1114	21	0.105	N/A	N/A		N/A	1114	WAOS	0.053
CU0052	MALENCH FARMS	GTCH	OCF	AG	1114	21	0.107	N/A	N/A		N/A	1114	WAOS	0.054
CU0198	SMAIOTTO A	SBMAU	OCF	AS	1114	21	0.155	N/A	N/A		N/A	1114	WAOS	0.078
SA0024	WENZEL H	SBCOH	OCF	AS	3314	21	0.137	N/A	N/A		N/A	3314	WAOS	0.069
GL0185	GORRELL BROS	GTCH	OCF	AG	1505	21	0.022	N/A	N/A		N/A	1505	WAOS	0.011
CU0078	JOHNSON FARMS	GTCH	OCF	AG	1113	21	0.806	N/A	N/A		N/A	1113	WAOS	0.403
GL0005	HAYNICZ D	GTCH	OCF	AG	1504	21	0.561	N/A	N/A		N/A	1504	WAOS	0.281
CU0174	TOLOTTI FARMS	GTCH	OCF	AG	1114	21	0.108	N/A	N/A		N/A	1114	WAOS	0.053
CU0155	MOONEYHAM NURSERY	SBCOH	OCF	AS	1107	21	0.745	N/A	N/A		N/A	1107	WAOS	0.373
SA0109	LARCHMONT FARMS	GTCK	OCF	AG	3314	21	0.791	N/A	N/A		N/A	3314	WAOS	0.396
SA0135	ESPOSITO E	GTCH	OCF	AG	3310	21	0.249	N/A	N/A		N/A	3310	WAOS	0.125
GL0087	FABRIZIO A	GTCH	OCF	AG	1505	21	0.075	N/A	N/A		N/A	1505	WAOS	0.038
CU0018	CUMBERLAND NURSERIES	GTCK	OCF	AG	1105	21	0.146	N/A	N/A		N/A	1105	WAOS	0.073
CU0163	VICTORIA FARMS	GTCH	OCF	AG	1114	21	0.078	N/A	N/A		N/A	1114	WAOS	0.039
CU0012	SALEM FARMS	GTCH	OCF	AG	1113	21	0.080	N/A	N/A		N/A	1113	WAOS	0.040
CU0025	OVERDEVEST NURSERIES	GTCH	OCF	AG	1113	21	0.070	N/A	N/A		N/A	1113	WAOS	0.035
CU0092	COLES F	SDALL	OCF	AS	1113	21	0.049	N/A	N/A		N/A	1113	WAOS	0.025
GL0031	MAGLIOCCI J	GTCH	OCF	AG	1505	21	0.057	N/A	N/A		N/A	1505	WAOS	0.029
SA0004	SALEM FARMS	GTCH	OCF	AG	3310	21	0.055	N/A	N/A		N/A	3310	WAOS	0.028
SA0083	SIMMERMAN W	GTCH	OCF	AG	3310	21	0.085	N/A	N/A		N/A	3310	WAOS	0.043
GL0008	BROAD ACRES	SBMAU	OCF	AS	1504	21	0.057	N/A	N/A		N/A	1504	WAOS	0.029
CU0053	SIMONI J	GTCH	OCF	AG	1114	21	0.079	N/A	N/A		N/A	1114	WAOS	0.040
CU0172	G ERWIN SHEPPARD	GTCH	OCF	AG	1108	21	0.091	N/A	N/A		N/A	1108	WAOS	0.046
SA0083	SIMMERMAN W	SBMAU	OCF	AS	3310	21	0.087	N/A	N/A		N/A	3310	WAOS	0.044
CU0185	DURHAM H	SBCOH	OCF	AS	1103	21	0.055	N/A	N/A		N/A	1103	WAOS	0.028
CU0231	PETO SEED FARM	GTCH	OCF	AG	1107	21	0.029	N/A	N/A		N/A	1107	WAOS	0.015
CU0069	LANING BROS FARMS	GTCH	OCF	AG	1105	21	0.060	N/A	N/A		N/A	1105	WAOS	0.030
CU0067	LANING BROS FARMS	GTCH	OCF	AG	1105	21	0.058	N/A	N/A		N/A	1105	WAOS	0.029
CU0013	GARRISON I	GTCH	OCF	AG	1113	21	0.067	N/A	N/A		N/A	1113	WAOS	0.034
CU0140	WATSON FARMS	GTCH	OCF	AG	1107	21	0.121	N/A	N/A		N/A	1107	WAOS	0.061
CU0097	SUNNY SLOPE FARMS	GTCH	OCF	AG	1107	21	0.081	N/A	N/A		N/A	1107	WAOS	0.041

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Water Allocation Permit Number	Surface or Ground Water Diversion	Source Diversion	Province	Category & Type of Diversion	Diversion Location	R W P A #	Actual Average Annual Withdrawal (MGD)	NJPDES Permit Number	Waste Water Treatment Plant (WWTP)	Discharge Receiving Water	Actual Average Annual WWTP Discharge (MGD)	Discharge Location	Specific Discharge Location	Total Depletive Water Use (MGD)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
GL0025	SCAPELLATO BROS	GTCH	OCF	AG	1505	21	0.247	N/A	N/A		N/A	1505	WAOS	0.124
SA0065	GARRISON G	SBMAU	OCF	AS	3310	21	0.033	N/A	N/A		N/A	3310	WAOS	0.017
CU0188	FERRARI J	GQCM	OCF	AG	1102	21	0.068	N/A	N/A		N/A	1102	WAOS	0.034
CU0099	WATSON FARMS	GTCH	OCF	AG	1107	21	0.350	N/A	N/A		N/A	1107	WAOS	0.175
GL0050	AZEGLIO J	GTCH	OCF	AG	1505	21	0.050	N/A	N/A		N/A	1505	WAOS	0.025
CU0088	HLUCHY R	GTCH	OCF	AG	1113	21	0.112	N/A	N/A		N/A	1113	WAOS	0.056
CU0108	ERNEST FARM	GTCH	OCF	AG	1107	21	0.094	N/A	N/A		N/A	1107	WAOS	0.047
CU0072	LANING BROS FARMS	GTCH	OCF	AG	1105	21	0.272	N/A	N/A		N/A	1105	WAOS	0.136
CU0047	SHEPPARD FARMS	GTCH	OCF	AG	1108	21	0.054	N/A	N/A		N/A	1108	WAOS	0.027
CU0161	SEABROOK BROS	SBCOH	OCF	AS	1113	21	0.030	N/A	N/A		N/A	1113	WAOS	0.015
CU0001	NEWKIRK R	GTCH	OCF	AG	1101	21	0.053	N/A	N/A		N/A	1101	WAOS	0.027
CU0061	SPARACIO G	GTCH	OCF	AG	1103	21	0.098	N/A	N/A		N/A	1103	WAOS	0.049
CU0085	BADARACCO FARMS	GTCH	OCF	AG	1114	21	0.173	N/A	N/A		N/A	1114	WAOS	0.087
SA0016	COOPER J	GTCH	OCF	AG	3302	21	0.065	N/A	N/A		N/A	3302	WAOS	0.033
CU0094	COUNTY LINE NURSERIES	GTCH	OCF	AG	1103	21	0.037	N/A	N/A		N/A	1103	WAOS	0.019
CU0194	ROMANO L	GTCH	OCF	AG	1108	21	0.029	N/A	N/A		N/A	1108	WAOS	0.015
CU0075	PONTANO R	GTCH	OCF	AG	1114	21	0.028	N/A	N/A		N/A	1114	WAOS	0.014
GL0020	BONONCINI J	GTCH	OCF	AG	1505	21	0.029	N/A	N/A		N/A	1505	WAOS	0.015
CU0084	BENCH REALITY	GTCH	OCF	AG	1113	21	0.041	N/A	N/A		N/A	1113	WAOS	0.021
CU0068	LANING BROS FARMS	GTCH	OCF	AG	1105	21	0.027	N/A	N/A		N/A	1105	WAOS	0.014
GL0073	TRAVAGLIONE R	GTCH	OCF	AG	1505	21	0.031	N/A	N/A		N/A	1505	WAOS	0.016
CU0126	MIXNER L	GTCH	OCF	AG	1107	21	0.032	N/A	N/A		N/A	1107	WAOS	0.016
SA0068	DUBOIS H	SBMAU	OCF	AS	3310	21	0.043	N/A	N/A		N/A	3310	WAOS	0.022
CU0100	VENDRASCO F	GTCH	OCF	AG	1114	21	0.027	N/A	N/A		N/A	1114	WAOS	0.014
SA0082	PARVIN J	GTCK	OCF	AG	3310	21	0.074	N/A	N/A		N/A	3310	WAOS	0.037
SA0039	WALKER BROS	GTCH	OCF	AG	3310	21	0.028	N/A	N/A		N/A	3310	WAOS	0.014
CU0180	RUTGERS RESEARCH	GTCH	OCF	AG	1113	21	0.635	N/A	N/A		N/A	1113	WAOS	0.318
CU0156	PLOCH J	GTCH	OCF	AG	1114	21	0.032	N/A	N/A		N/A	1114	WAOS	0.016
SA0040	GARRISON D	GTCH	OCF	AG	3310	21	0.098	N/A	N/A		N/A	3310	WAOS	0.049
GL0176	ROWAND R	SDMNT	OCF	AS	1506	21	0.021	N/A	N/A		N/A	1506	WAOS	0.011
CU0218	SARANTINO FARMS	GTCH	OCF	AG	1108	21	0.032	N/A	N/A		N/A	1108	WAOS	0.016
CU0167	FIOCCHI D	GTCH	OCF	AG	1114	21	0.070	N/A	N/A		N/A	1114	WAOS	0.035
CU0093	BAITINGER F	GTCK	OCF	AG	1107	21	0.054	N/A	N/A		N/A	1107	WAOS	0.027
SA0111	LESHAY FARMS	GTCH	OCF	AG	3310	21	0.049	N/A	N/A		N/A	3310	WAOS	0.025
CU0064	NURGE FARMS	GTCH	OCF	AG	1114	21	0.028	N/A	N/A		N/A	1114	WAOS	0.014
CU0192	MAPLE RUN FARMS	GTCH	OCF	AG	1108	21	0.060	N/A	N/A		N/A	1108	WAOS	0.030
CU0189	VAN BREEMEN FARMS	GTCH	OCF	AG	1104	21	0.027	N/A	N/A		N/A	1104	WAOS	0.014
CU0169	GALETTO FARMS	GTCH	OCF	AG	1114	21	0.031	N/A	N/A		N/A	1114	WAOS	0.016
CU0159	DU BOIS H	GTCH	OCF	AG	1113	21	0.031	N/A	N/A		N/A	1113	WAOS	0.016
CU0074	LANING BROS FARMS	GTCH	OCF	AG	1105	21	0.042	N/A	N/A		N/A	1105	WAOS	0.021
GL0043	CORWORSKI BROS	GTCK	OCF	AG	1505	21	0.041	N/A	N/A		N/A	1505	WAOS	0.021
CU0166	BLEW VALLEY FARM	GTCK	OCF	AG	1105	21	0.048	N/A	N/A		N/A	1105	WAOS	0.024
CU0164	D'OTTAVIO R	GTCH	OCF	AG	1114	21	0.295	N/A	N/A		N/A	1114	WAOS	0.148
CU0104	DE COU HILLTOP ORCHARDS	GTCH	OCF	AG	1107	21	1.180	N/A	N/A		N/A	1107	WAOS	0.590
CU0170	CASTELLINI F	GTCK	OCF	AG	1114	21	0.199	N/A	N/A		N/A	1114	WAOS	0.100
GL0009	TRIONFO E	GTCH	OCF	AG	1505	21	0.181	N/A	N/A		N/A	1505	WAOS	0.091
CU0029	SEPER'S NURSERY	GTCK	OCF	AG	1114	21	0.040	N/A	N/A		N/A	1114	WAOS	0.020
GL0055	FERRUCCI A	GTCK	OCF	AG	1505	21	0.030	N/A	N/A		N/A	1505	WAOS	0.015
CU0234	JOSEPH J	GTCK	OCF	AG	1114	21	0.030	N/A	N/A		N/A	1114	WAOS	0.015
SA0144	MEYERFELD FARMS	GQG	OCF	AG	3314	21	0.022	N/A	N/A		N/A	3314	WAOS	0.011
GL0017	AURA ORCHARDS	GQG	OCF	AG	1504	21	0.057	N/A	N/A		N/A	1504	WAOS	0.029
CU0076	JL FARMS	GTCH	OCF	AG	1114	21	0.022	N/A	N/A		N/A	1114	WAOS	0.011

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
CU0153	RJ MEHAFFEY NURSERY	GTCH	OCF	AG	1113	21	0.028	N/A	N/A		N/A	1113	WAOS	0.014
CU0050	SHEPPARD FARMS	SCCED	OCF	AS	1108	21	0.031	N/A	N/A		N/A	1108	WAOS	0.018
SA0019	WILSON BROS FARM	SDALL	OCF	AS	3314	21	0.033	N/A	N/A		N/A	3314	WAOS	0.017
SA0081	PETRONGLO J	GTCH	OCF	AG	3310	21	0.069	N/A	N/A		N/A	3310	WAOS	0.035
SA0036	COLEMAN W	GTCH	OCF	AG	3302	21	0.082	N/A	N/A		N/A	3302	WAOS	0.041
GL0042	EAST COAST BULB	GTCH	OCF	AG	1505	21	0.075	N/A	N/A		N/A	1505	WAOS	0.038
SA0012	OLBRICK E	GTCH	OCF	AG	3310	21	0.079	N/A	N/A		N/A	3310	WAOS	0.040
GL0170	TRASFERINI P	GTCH	OCF	AG	1505	21	0.088	N/A	N/A		N/A	1505	WAOS	0.043
CU0213	BUONO FARMS	GTCK	OCF	AG	1103	21	0.075	N/A	N/A		N/A	1103	WAOS	0.038
CU0145	HOLDING B	GTCK	OCF	AG	1108	21	0.064	N/A	N/A		N/A	1108	WAOS	0.032
SA0003	SALEM FARMS	SBMAU	OCF	AS	3314	21	0.052	N/A	N/A		N/A	3314	WAOS	0.026
CU0176	BAITINGER BROS	SBCOH	OCF	AS	1107	21	0.070	N/A	N/A		N/A	1107	WAOS	0.035
SA0044	CASSADAY BROS	GTKW	OCF	AG	3314	21	0.073	N/A	N/A		N/A	3314	WAOS	0.037
CU0117	PALADINO FARMS	GTCH	OCF	AG	1105	21	0.051	N/A	N/A		N/A	1105	WAOS	0.026
GL0018	AURA ORCHARDS	GTCH	OCF	AG	1504	21	0.218	N/A	N/A		N/A	1504	WAOS	0.109
CU0021	BOWMAN K	GTCH	OCF	AG	1108	21	0.170	N/A	N/A		N/A	1108	WAOS	0.085
CU0004	CONNOR E	SBCOH	OCF	AS	1107	21	0.204	N/A	N/A		N/A	1107	WAOS	0.102
GL0116	CAIRONE L	SBMAU	OCF	AS	1505	21	0.041	N/A	N/A		N/A	1505	WAOS	0.021
CU0086	BADARACCO FARMS	GTCH	OCF	AG	1114	21	0.064	N/A	N/A		N/A	1114	WAOS	0.032
CU0131	BAGLIANI J	GTCH	OCF	AG	1114	21	0.032	N/A	N/A		N/A	1114	WAOS	0.016
CU0040	MARTINO FARM	GTCH	OCF	AG	1114	21	0.199	N/A	N/A		N/A	1114	WAOS	0.100
SA0074	BROOKS W	GTCH	OCF	AG	3314	21	0.082	N/A	N/A		N/A	3314	WAOS	0.041
CU0046	SHEPPARD FARMS	GTCH	OCF	AG	1108	21	0.170	N/A	N/A		N/A	1108	WAOS	0.085
GL0008	BROAD ACRES	GTCH	OCF	AG	1504	21	0.065	N/A	N/A		N/A	1504	WAOS	0.033
SA0026	KERN W	GTCH	OCF	AG	3314	21	0.067	N/A	N/A		N/A	3314	WAOS	0.034
2003P	JESSIE MORIE & SON INC.	GQCM	OCF	IG	1102	21	3.658	N/A	N/A		N/A	1102	WAOS	
SA0006	MC CRACKEN H	SBMAU	OCF	AS	1504	21	0.071	N/A	N/A		N/A	1504	WAOS	0.036
GL0182	LESHAY FARMS	GTCH	OCF	AG	1513	21	0.096	N/A	N/A		N/A	1513	WAOS	0.048
2098P	OI KIMBLE STS INC.	GTCH	OCF	IG	1114	21	1.453	4499	OI KIMBLE STS INC	MAURICE RIVER	2.370	1114	WAIS	
2030P	RICCI BROTHERS SAND CO.	GTCH	OCF	IG	1102	21	0.432	76775	RICCI BROS SAND CO	DREDGE POND	N/A	1102	WAOS	
2221P	SEABROOK BROTHERS & SONS	GTKW	OCF	IG	1113	21	1.788	33006	SEABROOK BROS	GROUND WATER	0.805	1113	WAOS	
5215	ELMER BORO	GKMW	OCF	PGC	3302	21	0.188	N/A	SEPTICS/ELMER	GROUND WATER		3302	WAOS	
2237P	SHIELD ALLOY CORP.	GTCH	OCF	IG	1513	21	0.038	4103	SHIELDALLOY CORP	MAURICE RIVER	0.320	1513	WAIS	
2219P	UNIMIN CORPORATION	GTCH	OCF	IG	1102	21	0.095	4405	UNIMIN CORP	DIVIDING CREEK	1.410	1110	WAIS	
2254P	U.S. SILICA COMPANY	SB	OCF	IS	1104	21	85.176	4251	US SILICA CO	MILL CREEK		1104	WAIS	
2254P	U.S. SILICA COMPANY	GTCH	OCF	IG	1104	21	0.423	4251	US SILICA CO	MILL CREEK	4.538	1104	WAIS	
2010P	T & T FREEZERS	GTCH	OCF	IG	1114	21	0.531	69159	VINELAND STP		0.850	1114	WAIS	
2110P	SECHLER FOODS INC.	GTCH	OCF	IG	1505	21	0.116	69159	VINELAND STP			1114	WAIS	
2155P	WEST COMPANY	GTCH	OCF	IG	1110	21	0.696	23744	WEST CO	WHEATON PROP POND	1.081	1110	WAIS	
2095P	WHEATON INDUSTRIES	GTCH	OCF	IG	1110	21	0.968	4171	WHEATON GLASS CO	PETTICOAT STREAM	1.791	1110	WAIS	
5044	BERLIN BORO	GKMR	OCF	PGC	0705	22	1.051	26972	BERLIN STP	GREAT EGG HARBOR RIVER		0705	WAIS	
5044	BERLIN BORO	GKMW	OCF	PGC	0705	22	0.253	26972	BERLIN STP	GREAT EGG HARBOR RIVER	0.596	0705	WAIS	
5275	BUENA BORO MUA	GTKPP	OCF	PGC	0104	22	0.285	21717	BUENA STP	TRIB TO DEEP RUN		0104	WAIS	
10147W	BUENA BORO MUA	GTCH	OCF	PG	0105	22	0.038	21717	BUENA STP	TRIB TO DEEP RUN	0.333	0104	WAIS	
2091P	SCOTT PAPER COMPANY	OCF	OCF	IG	0104	22		21717	BUENA STP	TRIB TO DEEP RUN		0104	WAIS	
5007	GARDEN STATE WATER CO.	GTCH	OCF	PG	0715	22	0.308	*	CHEWS LANDING/BLACKWOOD			0715	OAS	17 0.308

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
5007	GARDEN STATE WATER CO.	GKMW	OCF	PGC	0715	22	0.064		CHEWS LANDING/BLCKWOOD			0715	OAS	17	0.064
2183P	ATLANTIC CITY RACING ASSOC.	GTCH	OCF	IG	0112	22	0.091	21393	HAMILTON TWP MUA	BABCOCK STREAM	0.960	0112	WAIS		
5034	HAMILTON TOWNSHIP MUA	GTCH	OCF	PG	0112	22	0.141	21393	HAMILTON TWP MUA	BABCOCK STREAM	0.814	0112	WAIS		
5034	HAMILTON TOWNSHIP MUA	GTKW	OCF	PGC	0112	22	0.741	21393	HAMILTON TWP MUA	BABCOCK STREAM		0112	WAIS		
5035	HAMMONTON WD	GTCH	OCF	PG	0113	22	0.494	25160	HAMMONTON STP	HAMMONTON CREEK LAGOONS		0113	OAS	18	0.494
2255P	MRS. SMITH'S FROZEN FOODS	GTCH	OCF	IG	0736	22	0.019	50377	MRS SMITH FROZEN FOODS		0.007	0736	WAOS		
2014P	NATIONWIDE MOBILE HOMES	GTCH	OCF	IG	1511	22	0.076	84689	NATIONWIDE MOBILE HOMES	GROUND WATER	N/A	1511	WAOS		
GL0003	STEJO INC	GTCH	OCF	AG	1511	22	0.388	N/A	N/A		N/A	1511	WAOS		0.194
AT0162	GENOA FARMS INC	GTCK	OCF	AG	0105	22	0.013	N/A	N/A		N/A	0105	WAOS		0.007
AT0094	LEVARI R	GTCH	OCF	AG	0105	22	0.014	N/A	N/A		N/A	0105	WAOS		0.007
CD0028	JOMAR DEVELOPERS	GTCH	OCF	AG	0736	22	0.063	N/A	N/A		N/A	0736	WAOS		0.032
CD0005	PASTORE ORCHARDS	GTKPP	OCF	AG	0736	22	0.018	N/A	N/A		N/A	0736	WAOS		0.009
AT0038	LOMBARDI BENNIE	GTCH	OCF	AG	0104	22	0.191	N/A	N/A		N/A	0104	WAOS		0.098
AT0104	MONFARDINI FELIX	GTCH	OCF	AG	0104	22	0.073	N/A	N/A		N/A	0104	WAOS		0.037
2281P	GEORGE F. PETTINOS INC.	GQGU	OCF	IG	0736	22	3.258	N/A	N/A		N/A	0736	WAOS		
AT0076	SIKKING BROS	GTCH	OCF	AG	0104	22	1.200	N/A	N/A		N/A	0104	WAOS		0.600
AT0050	CLEMENSON A	SCTUC	OCF	AS	0109	22	0.021	N/A	N/A		N/A	0109	WAOS		0.011
AT0150	GENOA FARMS INC	GTCK	OCF	AG	0105	22	0.011	N/A	N/A		N/A	0105	WAOS		0.006
CD0029	PAGANO FARMS	GTCH	OCF	AG	0736	22	0.041	N/A	N/A		N/A	0736	WAOS		0.021
CD0022	GRASSO A	GTCK	OCF	AG	0736	22	0.014	N/A	N/A		N/A	0736	WAOS		0.007
AT0011	BERTONAZZI CHARLES	GTCH	OCF	AG	0104	22	0.013	N/A	N/A		N/A	0104	WAOS		0.007
AT0100	ALIMENTI A	GTCH	OCF	AG	0105	22	0.035	N/A	N/A		N/A	0105	WAOS		0.018
AT0063	ANDALORO C A	GTCH	OCF	AG	0105	22	0.011	N/A	N/A		N/A	0105	WAOS		0.008
GL0129	MEASLEY C	SCGRE	OCF	AS	1511	22	0.040	N/A	N/A		N/A	1511	WAOS		0.020
AT0128	ROBERT COIA FARMS	GTCH	OCF	AG	0104	22	0.159	N/A	N/A		N/A	0104	WAOS		0.080
CD0038	DONIO J	GTCK	OCF	AG	0736	22	0.081	N/A	N/A		N/A	0736	WAOS		0.031
AT0091	BYLONE BROS FARM	GTCH	OCF	AG	0105	22	0.138	N/A	N/A		N/A	0105	WAOS		0.069
AT0105	MONFARDINI BROS	GTCH	OCF	AG	0104	22	0.109	N/A	N/A		N/A	0104	WAOS		0.055
AT0130	MAROLDA FARMS	GTCH	OCF	AG	0105	22	0.217	N/A	N/A		N/A	0105	WAOS		0.109
CD0002	LB FARMS	GTCK	OCF	AG	0736	22	0.077	N/A	N/A		N/A	0736	WAOS		0.039
AT0010	FIOCCHI RUDY	GTCH	OCF	AG	0104	22	0.111	N/A	N/A		N/A	0104	WAOS		0.056
CD0012	JOHNNY BOY FARMS	GTCK	OCF	AG	0736	22	0.099	N/A	N/A		N/A	0736	WAOS		0.050
CD0042	WHITE HORSE FARMS INC	GTCH	OCF	AG	0736	22	0.546	N/A	N/A		N/A	0736	WAOS		0.273
CD0009	PASTORE ORCHARDS	GTCK	OCF	AG	0736	22	0.111	N/A	N/A		N/A	0736	WAOS		0.056
2240P	MORIE COMPANY INC.	GTCH	OCF	IG	0736	22	0.910	N/A	N/A		N/A	0736	WAOS		
AT0059	CONNOLLY JAMES T	GTCH	OCF	AG	0104	22	0.022	N/A	N/A		N/A	0104	WAOS		0.011
AT0132	JONES R E	GTCH	OCF	AG	0112	22	0.020	N/A	N/A		N/A	0112	WAOS		0.010
AT0065	BYLONE H	GTCH	OCF	AG	0105	22	0.071	N/A	N/A		N/A	0105	WAOS		0.036
AT0025	GALBIATI ARNOLD	GTCK	OCF	AG	0105	22	0.090	N/A	N/A		N/A	0105	WAOS		0.045
CD0042	WHITE HORSE FARMS INC	SCMUL	OCF	AS	0736	22	0.315	N/A	N/A		N/A	0736	WAOS		0.158
AT0080	LEVARI A	GTCH	OCF	AG	0105	22	0.073	N/A	N/A		N/A	0105	WAOS		0.037
AT0138	COIA P	GTCH	OCF	AG	0105	22	0.027	N/A	N/A		N/A	0105	WAOS		0.014
AT0052	FORMISANO RALPH	GTCH	OCF	AG	0104	22	0.473	N/A	N/A		N/A	0104	WAOS		0.237
AT0034	TUCKAHOE TURF FARMS	SCTUC	OCF	AS	0109	22	0.317	N/A	N/A		N/A	0109	WAOS		0.159
AT0007	ATLANTIC BLUEBERRY CO	GTCH	OCF	AG	0112	22	0.506	N/A	N/A		N/A	0112	WAOS		0.253
AT0106	RUGGERI G	GTCH	OCF	AG	0105	22	0.064	N/A	N/A		N/A	0105	WAOS		0.032
AT0108	PINELAND FARMS	GTCH	OCF	AG	0736	22	0.043	N/A	N/A		N/A	0736	WAOS		0.022
2281P	GEORGE F. PETTINOS INC.	GTCH	OCF	IG	0736	22	0.366	N/A	N/A		N/A	0736	WAOS		
AT0045	J MISH & SONS	GTCH	OCF	AG	0105	22	0.024	N/A	N/A		N/A	0105	WAOS		0.012

Appendix A Depletive Water Use Data

Water Allocation Permit Number	Surface or Ground Water Diversion	Source Diversion	Province	Category & Type of Diversion	Diversion Location	R W R P A #	Actual Average Annual Withdrawal (MGD)	NJPDES Permit Number	Waste Water Treatment Plant (WWTP)	Discharge Receiving Water	Actual Average Annual WWTP Discharge (MGD)	Discharge Location	Specific Discharge Location	Total Depletive Water Use (MGD)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
CD0048	DI MEGLIO M	GTCK	OCF	AG	0736	22	0.029	N/A	N/A		N/A	0736	WAOS	0.015
CD0043	VOLPA J	GTCH	OCF	AG	0736	22	0.054	N/A	N/A		N/A	0736	WAOS	0.027
CD0013	STELLA FARMS	SCGRE	OCF	AS	0736	22	0.027	N/A	N/A		N/A	0736	WAOS	0.014
AT0023	SOUTH RIVER FARMS	GTCH	OCF	AG	0105	22	0.017	N/A	N/A		N/A	0105	WAOS	0.009
CD0050	CURCIO M	GTCK	OCF	AG	0736	22	0.019	N/A	N/A		N/A	0736	WAOS	0.010
AT0081	PLOCH JOHN	GTCH	OCF	AG	0104	22	0.037	N/A	N/A		N/A	0104	WAOS	0.019
CD0056	PARRILLO J	GTCK	OCF	AG	0736	22	0.029	N/A	N/A		N/A	0736	WAOS	0.015
AT0002	BAYLIS FARMS	GTCH	OCF	AG	0104	22	0.028	N/A	N/A		N/A	0104	WAOS	0.014
AT0026	HENSEL ERIC	GTCK	OCF	AG	0105	22	0.137	N/A	N/A		N/A	0105	WAOS	0.069
AT0058	BAILEY E D	SCTUC	OCF	AS	0109	22	0.021	N/A	N/A		N/A	0109	WAOS	0.011
AT0001	BERTONAZZI HERBERT	SCGRE	OCF	AS	0105	22	0.084	N/A	N/A		N/A	0105	WAOS	0.042
AT0048	VILLA PETER	GTCH	OCF	AG	0105	22	0.078	N/A	N/A		N/A	0105	WAOS	0.038
AT0075	FARLEIGH M E	GTCH	OCF	AG	0112	22	0.022	N/A	N/A		N/A	0112	WAOS	0.011
CD0049	CURCIO A	GTCK	OCF	AG	0736	22	0.048	N/A	N/A		N/A	0736	WAOS	0.023
CD0001	PASTORE ORCHARDS	GTKPP	OCF	AG	0736	22	0.029	N/A	N/A		N/A	0736	WAOS	0.015
AT0070	FERRUCI & SON NURSERY	GTCH	OCF	AG	0104	22	0.021	N/A	N/A		N/A	0104	WAOS	0.011
2332P	SAHARA SAND OF MONROE	GTCH	OCF	IG	1511	22	0.179	N/A	N/A		N/A	1511	WAOS	
AT0043	PARIS DOMENICK	GTCH	OCF	AG	0104	22	0.011	N/A	N/A		N/A	0104	WAOS	0.006
AT0113	CASTELLARI EDWARD	GTCH	OCF	AG	0104	22	0.030	N/A	N/A		N/A	0104	WAOS	0.015
AT0092	LEVARI J	GTCH	OCF	AG	0105	22	0.014	N/A	N/A		N/A	0105	WAOS	0.007
AT0138	SIMONE S	GTCH	OCF	AG	0105	22	0.018	N/A	N/A		N/A	0105	WAOS	0.008
CD0031	GARDEN STATE PACKING CO	GTCK	OCF	AG	0736	22	0.036	N/A	N/A		N/A	0736	WAOS	0.018
CD0027	DONIO F	GTCH	OCF	AG	0736	22	0.024	N/A	N/A		N/A	0736	WAOS	0.012
CD0013	STELLA FARMS	GTCH	OCF	AG	0736	22	0.094	N/A	N/A		N/A	0736	WAOS	0.047
AT0137	COIA P	GTCH	OCF	AG	0105	22	0.017	N/A	N/A		N/A	0105	WAOS	0.009
AT0066	BUCCI J	GTCH	OCF	AG	0112	22	0.052	N/A	N/A		N/A	0112	WAOS	0.026
AT0040	DAVID VAI FARMS	GTCH	OCF	AG	0104	22	0.023	N/A	N/A		N/A	0104	WAOS	0.012
AT0064	BYLONE H	GTCH	OCF	AG	0105	22	0.036	N/A	N/A		N/A	0105	WAOS	0.018
2091P	SCOTT PAPER COMPANY	GTKW	OCF	IG	0104	22	0.011	4324	SCOTT PAPER CO	DEEP RUN	N/A	0104	WAIS	
2091P	SCOTT PAPER COMPANY	GTCH	OCF	IG	0104	22	0.295	4324	SCOTT PAPER CO	DEEP RUN	N/A	0104	WAIS	
5161	MONROE MUA	GTCH	OCF	PG	1511	22	1.108	N/A	SEPTICS/MONROE	GROUND WATER		1511	WAOS	
2177P	VIOLET PACKAGING CO.	GTCH	OCF	IG	1511	22	0.025	80616	VIOLET PACKAGING CO		N/A	1511	WAOS	
2175P	N.J. DEPT. OF HUMAN SER.	GTCH	OCF	IG	0736	22	0.380	90409	WINSLOW STP			0736	WAIS	
2039P	MANVILLE BUILDING MATERIALS	GKMW	OCF	IG	0736	22	0.090	90409	WINSLOW STP			0736	WAIS	
5096	WINSLOW TWSP W&S DEPT	GTCH	OCF	PG	0736	22	1.101	90409	WINSLOW STP		0.823	0736	WAIS	
5104	AVALON BORO	GTKWL	OCF	PGC	0901	23	0.876	21385	AVALON BORO STP	ATLANTIC OCEAN		0901	OB	0.876
5182	STONE HARBOR BORO	GTKWL	OCF	PGC	0901	23	0.041	21385	AVALON BORO STP	ATLANTIC OCEAN	1.430	0901	OB	0.041
2103P	ATLANTIC CITY ELECTRIC CO.	GTCH	OCF	IG	0911	23	0.421	5444	BL ENGLAND GS	GREAT EGG HARBOR RIVER	0.286	0911	OB	0.421
2133P	BORDEN CLAM PRODUCTS	GTCH	OCF	IG	0905	23	0.145	4961	BORDEN CLAM PROD	UPPER THOROFARE	0.232	0905	OB	0.145
5210	CAPE MAY CITY	GTCH	OCF	PG	0905	23	1.179	20371	CAPE MAY STP	DELAWARE BAY	1.354	0905	OB	1.179
2133P	BORDEN CLAM PRODUCTS	GTCH	OCF	IG	0905	23		20371	CAPE MAY STP	DELAWARE BAY		0905	OB	N/A
5240	LOWER TWSP MUA	GTCH	OCF	PG	0905	23	0.687	23809	LOWER TWP MUA STP	COX HALL CREEK	1.315	0905	WAIS	
2349P	CAPE MAY CTY A'PORT IND.PK.	GTCH	OCF	IG	0905	23	0.025	23809	LOWER TWP MUA STP	COX HALL CREEK		0905	OB	0.025
5054	NEW JERSEY - AMERICAN W.C.	GTKWL	OCF	PGC	0906	23	0.347	28037	MIDDLE TOWNSHIP STP	ATLANTIC OCEAN	0.167	0906	OB	0.347
2384P	STONE HARBOR GOLF CLUB	GTCK	OCF	AG	0906	23	N/A	N/A	N/A		N/A	0906	WAOS	0.000
CM0010	USDA CAPE MAY PLANT	GQCM	OCF	AG	0906	23	0.034	N/A	N/A		N/A	0906	WAOS	0.017
CM0006	CONOVER A	GQCM	OCF	AG	0906	23	0.036	N/A	N/A		N/A	0906	WAOS	0.018
CM0005	LE GATES B	GQCM	OCF	AG	0905	23	0.036	N/A	N/A		N/A	0905	WAOS	0.018

Appendix A Depletive Water Use Data

Water Allocation Permit Number	Surface or Ground Water Diversion	Source Diversion	Province	Category & Type of Diversion	Diversion Location	R W R P P A #	Actual Average Annual Withdrawal (MGD)	NJPDES Permit Number	Waste Water Treatment Plant (WWTP)	Discharge Receiving Water	Actual Average Annual WWTP Discharge (MGD)	Discharge Location	Specific Discharge Location	Total Depletive Water Use (MGD)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
CM0009	RICE W	GQCM	OCP	AG	0906	23	0.024	N/A	N/A		N/A	0906	WAOS	0.012
CM0011	DI LUZIO L	GQCM	OCP	AG	0911	23	0.021	N/A	N/A		N/A	0911	WAOS	0.011
2314P	TUCKAHOE SAND & GRAVEL	GTCH	OCP	IG	0901	23	1.801	N/A	N/A		N/A	0901	WAOS	
CM0018	MATTERA F	GQCM	OCP	AG	0905	23	0.018	N/A	N/A		N/A	0905	WAOS	0.009
2269P	MORIE COMPANY	GQCM	OCP	IG	0911	23	4.905	N/A	N/A		N/A	0911	WAOS	
CM0021	WHEELER J	GTCH	OCP	AG	0906	23	0.104	N/A	N/A		N/A	0906	WAOS	0.052
2388P	EARTHWORK ASSOCIATE	GQCM	OCP	IG	0904	23	N/A	N/A	N/A		N/A	0904	WAOS	
CM0013	TUCKAHOE TURF FARMS	GTCH	OCP	AG	0911	23	0.079	N/A	N/A		N/A	0911	WAOS	0.040
2090P	WILDWOOD GOLF & COUNTRY CLUB	GTCH	OCP	AG	0907	23	0.057	N/A	N/A		N/A	0907	WAOS	0.029
2387P	CIABATON'S PIT INC.	GQBS	OCP	IG	0911	23	N/A	N/A	N/A		N/A	0911	WAOS	
CM0025	BOHMS SOD FARM	SB	OCP	AS	0904	23	0.309	N/A	N/A		N/A	0904	WAOS	0.155
CM0007	BUGANSKI FARMS	GQCM	OCP	AG	0904	23	0.069	N/A	N/A		N/A	0904	WAOS	0.035
CM0011	DI LUZIO L	SCTUC	OCP	AS	0911	23	0.044	N/A	N/A		N/A	0911	WAOS	0.022
2384P	STONE HARBOR GOLF CLUB	GQCM	OCP	AG	0906	23	N/A	N/A	N/A		N/A	0906	WAOS	0.000
CM0008	WUERKERS NEW ACRES FARM	GQCM	OCP	AG	0905	23	0.019	N/A	N/A		N/A	0905	WAOS	0.010
2285P	EARTHWORK ASSOCIATE	GQCM	OCP	IG	0911	23	0.105	N/A	N/A		N/A	0911	WAOS	
CM0003	NOVASACK BROS FARMS	GQCM	OCP	AG	0904	23	0.292	N/A	N/A		N/A	0904	WAOS	0.146
10303W	NEW JERSEY - AMERICAN W.C.	GTKWL	OCP	PGC	0911	23	0.027	35343	OCEAN CITY REG STP	ATLANTIC OCEAN		0908	OB	0.027
5324	NEW JERSEY - AMERICAN W.C.	GTKWL	OCP	PGC	0908	23	1.157	35343	OCEAN CITY REG STP	ATLANTIC OCEAN		0908	OB	1.157
10132W	SHORE ACRES	GTCH	OCP	PG	0911	23	0.013	35343	OCEAN CITY REG STP	ATLANTIC OCEAN	3.165	0908	OB	0.013
5133	SEA ISLE CITY	GTKWL	OCP	PGC	0909	23	0.985	23680	SEA ISLE CITY STP	SCRAGGY CREEK	0.620	0909	OB	0.985
5124	WOODBINE MUA	GTCH	OCP	PG	0916	23	0.301	N/A	SEPTICS/WOODBINE	GROUND WATER		0916	WAOS	
5182	STONE HARBOR BORO	GTKWL	OCP	PGC	0910	23	0.520	52990	SEVEN MILE STP	ATLANTIC OCEAN	0.190	0901	OB	0.520
2375P	STOKES LAUNDRY INC.	GTCH	OCP	IG	0915	23	0.091	27171	WILDWOOD CREST STP	ATLANTIC OCEAN	0.980	0915	OB	0.091
5056	WILDWOOD CITY	GTCH	OCP	PG	0914	23	0.301	22811	WILDWOOD CTY STP	ATLANTIC OCEAN		0906	OB	0.301
5057	WILDWOOD CITY	GQES	OCP	PG	0906	23	4.146	22811	WILDWOOD CTY STP	ATLANTIC OCEAN	2.538	0906	OB	4.146
5056	WILDWOOD CITY	GTKWL	OCP	PGC	0907	23	0.095	22811	WILDWOOD CTY STP	ATLANTIC OCEAN		0906	OB	0.095
5056	WILDWOOD CITY	GTCH	OCP	PG	0915	23	0.116	22811	WILDWOOD CTY STP	ATLANTIC OCEAN		0906	OB	0.116
STATE TOTAL							2279.116				1739.903			748.162

Appendix A Depletive Water Use Data

Water Allocation Permit Number	Surface or Ground Water Diversion	Source Diversion	Province	Category & Type of Diversion	Diversion Location	R W R P A #	Actual Average Annual Withdrawal (MGD)	NJPDES Permit Number	Waste Water Treatment Plant (WWTP)	Discharge Receiving Water	Actual Average Annual WWTP Discharge (MGD)	Discharge Location	Specific Discharge Location	Total Depletive Water Use (MGD)
	(1)	(2)	(3)	(4)	(5)	(6)		(7)		(8)		(9)	(10)	(11)

NOTES:

- (1) Name of water allocation permit.
- (2) Surface/ground water system codes from Bureau of Water Allocation (BWA).
- (3) Valley & Ridge (VAR); Highlands (HLD); Glaciated Piedmont (PGL); Unglaciated Piedmont (PUG); Inner Coastal Plain (ICP); Northern Outer Coastal Plain (NOC); Outer Coastal Plain (OCP).
- (4) Potable surface water (PS); Private/industrial surface water (IS); Agricultural surface water (AS); Public ground water from unconfined aquifer (PG); Public ground water from confined aquifer (PGC); Private/industrial ground water (IG); Agricultural ground water (AG).
- (5) Four digit number which codes county/municipality from BWA.
- (6) Refers to the statewide RWRPA's from 1 to 23.
- (7) indicates multiple WWTP's.
- (8) indicates multiple discharge receiving waters.
- (9) Four digit number which codes county/municipality from BWA.
- (10) Within RWRPA in-stream (WAIS); Within RWRPA on-site (WAOS); Outside RWRPA to stream (OAS); Ocean/bay (OB).
- (11) RWRPA where permitted withdrawal, other than its own RWRPA, is being discharged (interbasin transfer).
The actual average annual withdrawal (MGD) and actual average annual wwtp discharge (MGD) values were obtained by utilizing data from a three year period (1986-1988).

Appendix B

Municipalities Served by Purveyors with Associated Waste Water Treatment Plants

Appendix B

Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
18	0101	ABSECON CITY	NJ AMER WC	1728	ATLANTIC CITY STP	24473
18	0102	ATLANTIC CITY	ATLANTIC CITY MUA	9150	ATLANTIC CITY STP	24473
18	0103	BRIGANTINE CITY	BRIGANTINE WD	4800	ATLANTIC CITY STP	24473
22	0104	BUENA BORO	BUENA MUA	1171	BUENA STP	21717
22	0105	BUENA VISTA TWP	N/A	0	BUENA STP	21717
22	0106	CORBIN CITY	N/A	0	SEPTICS	
18	0107	EGG HARBOR CITY	EGG HARBOR CITY WD	1282	EGG HARBOR STP	24589
18	0108	EGG HARBOR TWP	NJ AMER WC	1104	ATLANTIC CITY STP	24473
18	0108	EGG HARBOR TWP	SEA VIEW WC	67	ATLANTIC CITY STP	24473
22	0109	ESTELL MANOR CITY	N/A	0	SEPTICS	
22	0110	FOLSOM BORO	N/A	0	SEPTICS	
18	0111	GALLOWAY TWP	NJ AMER WC	720	ATLANTIC CITY STP	24473
18	0111	GALLOWAY TWP	WRANGLEBORO WC	60	ATLANTIC CITY STP	24473
22	0112	HAMILTON TWP	HAMILTON TWP MUA	1400	SEPTICS	
18	0113	HAMMONTOWN TOWN	HAMMONTON WD	2480	HAMMONTON STP	25160
18	0114	LINWOOD CITY	NJ AMER WC	1818	ATLANTIC CITY STP	24473
18	0115	LONGPORT BORO	LONGPORT WD	1052	ATLANTIC CITY STP	24473
18	0116	MARGATE CITY	MARGATE CITY WD	4700	ATLANTIC CITY STP	24473
18	0117	MULLICA TWP	N/A	0	SEPTICS	
18	0118	NORTHFIELD CITY	NJ AMER WC	2261	ATLANTIC CITY STP	24473
18	0119	PLEASANTVILLE CITY	NJ AMER WC	4080	ATLANTIC CITY STP	24473
18	0120	PORT REPUBLIC CITY	N/A	0	SEPTICS	
18	0121	SOMERS POINT CITY	NJ AMER WC	3280	ATLANTIC CITY STP	24473
18	0122	VENTNOR CITY	VENTOR CITY WD	5300	ATLANTIC CITY STP	24473
22	0123	WEYMOUTH TWP	WEYMOUTH TWP MUA	94	SEPTICS	
5	0301	ALLENDALE BORO	ALLENDALE WD	1852	NW BERGEN CTY STP	24813
6	0302	ALPINE BORO	HACKENSACK WC	455	SEPTICS	

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Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
6	0303	BERGENFIELD BORO	HACKENSACK WC	7127	BERGEN CTY STP	20028
6	0304	BOGOTA BORO	HACKENSACK WC	2194	BERGEN CTY STP	20028
6	0305	CARLSTADT BORO	HACKENSACK WC	2219	BERGEN CTY STP	20028
6	0306	CLIFFSIDE PARK BORO	HACKENSACK WC	3590	BERGEN CTY STP	20028
6	0307	CLOSTER BORO	HACKENSACK WC	2665	BERGEN CTY STP	20028
6	0308	CRESSKILL BORO	HACKENSACK WC	2336	BERGEN CTY STP	20028
6	0309	DEMAREST BORO	HACKENSACK WC	1483	BERGEN CTY STP	20028
6	0310	DUMONT BORO	HACKENSACK WC	5164	BERGEN CTY STP	20028
5	0311	ELMWOOD PARK BORO	ELMWOOD PARK WD	5000	PASSAIC VALL STP	21016
6	0312	EAST RUTHERFORD BORO	HACKENSACK WC	2047	BERGEN CTY STP	20028
6	0313	EDGEWATER BORO	HACKENSACK WC	845	EDGEWATER STP	20591
6	0314	EMERSON BORO	HACKENSACK WC	2282	BERGEN CTY STP	20028
6	0315	ENGLEWOOD CITY	HACKENSACK WC	6072	BERGEN CTY STP	20028
6	0316	ENGLEWOOD CLIFFS BORO	HACKENSACK WC	1811	BERGEN CTY STP	20028
5	0317	FAIR LAWN BORO	FAIRLAWN WD	10000	FAIRLAWN STP	23671
5	0317	FAIR LAWN BORO	HAWTHORNE WD	39	FAIRLAWN STP	23671
6	0318	FAIRVIEW BORO	HACKENSACK WC	2339	BERGEN CTY STP	20028
6	0319	FORT LEE BORO	HACKENSACK WC	4265	BERGEN CTY STP	20028
4	0320	FRANKLIN LAKES BORO	HACKENSACK WC	1005	NW BERGEN CTY STP	24813
5	0321	GARFIELD BORO	GARFIELD WD	6028	PASSAIC VALL STP	21016
5	0322	GLEN ROCK BORO	RIDGEWOOD WD	3818	PASSAIC VALL STP	21016
5	0322	GLEN ROCK BORO	RIDGEWOOD WD	0	RIDGEWOOD STP	24791
6	0323	HACKENSACK CITY	HACKENSACK WC	6808	BERGEN CTY STP	20028
6	0324	HARRINGTON PARK BORO	HACKENSACK WC	1353	BERGEN CTY STP	20028
6	0325	HASBROUCK HGHTS BORO	HACKENSACK WC	3493	BERGEN CTY STP	20028
6	0326	HAWORTH BORO	HACKENSACK WC	1116	BERGEN CTY STP	20028
6	0327	HILLSDALE BORO	HACKENSACK WC	3117	BERGEN CTY STP	20028

Appendix B Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
5	0328	HOHOKUS BORO	HO-HO-KUS WD	1369	BERGEN CTY STP	20028
6	0329	LEONIA BORO	HACKENSACK WC	2169	BERGEN CTY STP	20028
6	0330	LITTLE FERRY BORO	HACKENSACK WC	2103	BERGEN CTY STP	20028
5	0331	LODI BORO	LODI WD	4578	PASSAIC VALL STP	21016
6	0332	LYNDHURST TWP	LYNDHURST WD	6000	PASSAIC VALL STP	21016
4	0333	MAHWAH TWP	MAHWAH WD	2705	NW BERGEN CTY STP	24813
6	0334	MAYWOOD BORO	HACKENSACK WC	2909	BERGEN CTY STP	20028
5	0335	MIDLAND PARK BORO	RIDGEWOOD WD	2364	NW BERGEN CTY STP	24813
6	0336	MONTVALE BORO	HACKENSACK WC	1947	BERGEN CTY STP	20028
6	0337	MOONACHIE BORO	HACKENSACK WC	839	BERGEN CTY STP	20028
6	0338	NEW MILFORD BORO	HACKENSACK WC	4188	BERGEN CTY STP	20028
6	0339	NORTH ARLINGTON BORO	N ARLINGTON WD	3969	PASSAIC VALL STP	21016
6	0339	NORTH ARLINGTON BORO	N ARLINGTON WD	0	N ARLINGTON LYNDHURST STP	25291
6	0340	NORTHVALE BORO	HACKENSACK WC	1558	BERGEN CTY STP	20028
6	0341	NORWOOD BORO	HACKENSACK WC	1362	BERGEN CTY STP	20028
4	0342	OAKLAND BORO	OAKLAND WD	4042	OAKLAND STP	21342
6	0343	OLD TAPPAN BORO	HACKENSACK WC	1068	SEPTICS	
6	0344	ORADELL BORO	HACKENSACK WC	2716	BERGEN CTY STP	20028
6	0345	PALISADES PARK BORO	HACKENSACK WC	2777	BERGEN CTY STP	20028
5	0346	PARAMUS BORO	HACKENSACK WC	7880	BERGEN CTY STP	20028
6	0347	PARK RIDGE BORO	PARK RIDGE WD	2498	BERGEN CTY STP	20028
5	0348	RAMSEY BORO	RAMSEY WD	3987	NW BERGEN CTY STP	24813
6	0349	RIDGEFIELD BORO	HACKENSACK WC	2686	BERGEN CTY STP	20028
6	0350	RIDGEFIELD PARK VILLAGE	HACKENSACK WC	3010	BERGEN CTY STP	20028
5	0351	RIDGEWOOD VILLAGE	RIDGEWOOD WD	10453	RIDGEWOOD STP	24791
6	0352	RIVER EDGE BORO	HACKENSACK WC	3320	BERGEN CTY STP	20028

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Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
6	0353	RIVER VALE TWP	HACKENSACK WC	2583	BERGEN CTY STP	20028
5	0354	ROCHELLE PARK TWP	HACKENSACK WC	1875	BERGEN CTY STP	20028
6	0355	ROCKLEIGH BORO	HACKENSACK WC	41	SEPTICS	
6	0356	RUTHERFORD BORO	HACKENSACK WC	4919	BERGEN CTY STP	20028
6	0356	RUTHERFORD BORO	HACKENSACK WC	0	RERC JT MTG STP	22756
5	0357	SADDLE BROOK TWP	GARFIELD WD	25	PASSAIC VALL STP	21016
5	0357	SADDLE BROOK TWP	SADDLE BROOK WD	4200	PASSAIC VALL STP	21016
5	0358	SADDLE RIVER BORO	N/A	0	PASSAIC VALL STP	21016
5	0359	SOUTH HACKENSACK TWP	HACKENSACK WC	786	PASSAIC VALL STP	21016
6	0360	TEANECK BORO	HACKENSACK WC	11304	BERGEN CTY STP	20028
6	0361	TENAFLY BORO	HACKENSACK WC	4426	BERGEN CTY STP	20028
6	0362	TETERBORO BORO	HACKENSACK WC	154	BERGEN CTY STP	20028
5	0363	UPPER SADDLE RIVER BORO	HACKENSACK WC	304	NW BERGEN CTY STP	24813
5	0363	UPPER SADDLE RIVER BORO	RAMSEY WD	33	NW BERGEN CTY STP	24813
5	0364	WALDWICK BORO	WALDWICK WD	3136	NW BERGEN CTY STP	24813
5	0365	WALLINGTON BORO	WALLINGTON WD	2344	WOOD-RIDGE STP	25186
6	0366	WASHINGTON TWP	HACKENSACK WC	2657	BERGEN CTY STP	20028
6	0367	WESTWOOD BORO	HACKENSACK WC	3080	BERGEN CTY STP	20028
6	0368	WOOD RIDGE BORO	HACKENSACK WC	2385	WOOD-RIDGE STP	25186
6	0369	WOODCLIFF LAKE BORO	PARK RIDGE WD	1532	BERGEN CTY STP	20028
5	0370	WYCKOFF TWP	RIDGEWOOD WD	4433	NW BERGEN CTY STP	24813
5	0370	WYCKOFF TWP	WALDWICK WD	26	NW BERGEN CTY STP	24813
18	0501	BASS RIVER	N/A	0	SEPTICS	
14	0502	BEVERLY CITY	NJ AMER WC	771	BEVERLY STP	27481
14	0503	BORDENTOWN CITY	BORDENTOWN WD	1650	BORDENTOWN REG STP	24678
14	0504	BORDENTOWN TWP	BORDENTOWN WD	1850	BORDENTOWN REG STP	24678
14	0504	BORDENTOWN TWP	BORDENTOWN WD	0	MILE HOLLOW STP	24121

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Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
14	0505	BURLINGTON CITY	BURLINGTON CITY WD	3600	BURLINGTON CITY STP	24660
14	0506	BURLINGTON TWP	BURLINGTON TWP WD	2354	LA GORCE STP	21695
14	0506	BURLINGTON TWP	BURLINGTON TWP WD	0	BURLINGTON TWP	21709
14	0507	CHESTERFIELD TWP	GARDEN STATE WC	173	SEPTICS	
17	0508	CINNAMINSON TWP	NJ AMER WC	4427	CINNAMINSON STP	24007
14	0509	DELANCO TWP	NJ AMER WC	1063	WILLINGBORO STP	23361
17	0510	DELTRAN TWP	NJ AMER WC	3328	DELTRAN STP	23507
14	0511	EASTAMPTON TWP	MT HOLLY WC	780	SEPTICS	
14	0512	EDGEWATER PARK TWP	NJ AMER WC	1421	WILLINGBORO STP	23361
14	0513	EVEHAM TWP	EVEHAM MUA	5808	ELMWOOD STP	24031
14	0513	EVEHAM TWP	EVEHAM MUA	0	WOODSTREAM STP	24040
14	0514	FIELDSBORO TWP	FIELDSBORO WD	178	BORDENTOWN REG STP	24678
14	0515	FLORENCE TWP	FLORENCE TWP WD	2500	FLORENCE TWP STP	23701
14	0516	HAINESPORT TWP	MT HOLLY WC	930	SEPTICS	
14	0517	LUMBERTON TWP	MT HOLLY WC	1171	RANOCAS RD STP	24015
14	0518	MANSFIELD TWP	COLUMBUS WC	250	SEPTICS	
14	0518	MANSFIELD TWP	HOMESTEAD WU	27	SEPTICS	
17	0519	MAPLE SHADE TWP	MAPLE SHADE WD	4224	MAPLE SHADE TWP STP	28746
14	0520	MEDFORD LAKES BORO	N/A	0	MEDFORD LAKES BORO STP	21326
14	0521	MEDFORD TWP	MEDFORD TWP WD	1175	MEDFORD TWP STP	26832
14	0521	MEDFORD TWP	MEDFORD WC	1383	MEDFORD TWP STP	26832
17	0522	MOORESTOWN TWP	MOORESTOWN WD	5000	MOORESTOWN TWP STP	24996
14	0523	MOUNT HOLLY TWP	MT HOLLY WC	3583	RANOCAS RD STP	24015
14	0524	MOUNT LAUREL TWP	MT LAUREL MUA	4656	HARTFORD RD REG STP	25178
14	0524	MOUNT LAUREL TWP	NJ AMER WC	576	HARTFORD RD REG STP	25178

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Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
14	0525	NEW HANOVER TWP	US ARMY FORT DIX	1684	SEPTICS	
14	0526	NORTH HANOVER TWP	MCGUIRE AFB	3000	SEPTICS	
17	0527	PALMYRA BORO	NJ AMER WC	16091	PALMYRA STP	24449
14	0528	PEMBERTON BORO	PEMBERTON WD	625	PEMBERTON STP	50415
14	0529	PEMBERTON TWP	LAKE VALLEY WC	542	PEMBERTON TWP STP	24821
14	0529	PEMBERTON TWP	PEMBERTON TWP WD	3400	PEMBERTON TWP STP	24821
14	0529	PEMBERTON TWP	SUNBURY VILLAGE WC	316	PEMBERTON TWP STP	24821
14	0530	RIVERSIDE TWP	NJ AMER WC	2161	RIVERSIDE STP	22519
17	0531	RIVERTON BORO	NJ AMER WC	877	RIVERTON BORO STP	21610
18	0532	SHAMONG TWP	N/A	0	SEPTICS	
14	0533	SOUTHAMPTON TWP	HAMPTON LAKES WC	1860	PEMBERTON TWP STP	24821
14	0533	SOUTHAMPTON TWP	VINCETOWN WC	235	PEMBERTON TWP STP	24821
14	0534	SPRINGFIELD TWP	N/A	0	SEPTICS	
18	0535	TABERNACLE TWP	N/A	0	SEPTICS	
18	0536	WASHINGTON TWP	N/A	0	SEPTICS	
14	0537	WESTAMPTON TWP	MT HOLLY WC	459	SEPTICS	
14	0537	WESTAMPTON TWP	WILLINGBORO MUA	370	SEPTICS	
14	0538	WILLINGBORO TWP	WILLINGBORO MUA	11612	WILLINGBORO STP	23361
18	0539	WOODLAND TWP	N/A	0	SEPTICS	
14	0540	WRIGHTSTOWN	WRIGHTSTOWN MUA	216	WRIGHTSTOWN MUA STP	22985
17	0701	AUDUBON BORO	NJ AMER WC	3155	CAMDEN CTY MUA STP	26182
17	0702	AUDUBON PARK BORO	N/A	0	SEPTICS	
17	0703	BARRINGTON BORO	NJ AMER WC	2063	BARRINGTON BORO STP	26875
17	0704	BELLMAWR BORO	BELLMAWR WD	2815	BELLMAWR STP	26743
17	0704	BELLMAWR BORO	NJ AMER WC	1349	BELLMAWR STP	26743
14	0705	BERLIN BORO	BERLIN WD	2910	BERLIN STP	26972

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Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
22	0706	BERLIN TWP	BERLIN WD	1178	BERLIN STP	26972
22	0706	BERLIN TWP	TWP OF BERLIN MUA	263	SEPTICS	
17	0707	BROOKLAWN BORO	BROOKLAWN WD	750	BROOKLAWN STP	22748
17	0708	CAMDEN CITY	CAMDEN WD	17000	CAMDEN CTY MUA STP	26182
17	0708	CAMDEN CITY	MERCHANTVILLE-PENN WC	301	CAMDEN CTY MUA STP	26182
17	0708	CAMDEN CITY	NJ AMER WC	8739	CAMDEN CTY MUA STP	26182
17	0708	CAMDEN CITY	N/A	0	BALDWIN RUN STP	24481
17	0709	CHERRY HILL TWP	MERCHANTVILLE-PENN WC	10111	CHERRY HILL STP	25127
17	0709	CHERRY HILL TWP	NJ AMER WC	15632	CHERRY HILL STP	25127
18	0710	CHESILHURST BORO	N/A	0	SEPTICS	
17	0711	CLEMENTON BORO	CLEMENTON WD	1520	CLEMENTON STP	20320
17	0712	COLLINGSWOOD BORO	COLLINGSWOOD WD	5863	CAMDEN CTY MUA STP	26182
17	0713	GIBBSBORO BORO	NJ AMER WC	495	CAMDEN CTY MUA STP	26182
17	0714	GLOUCESTER CITY	GLOUCESTER CITY WD	4500	GLOUCESTER CITY STP	26620
17	0714	GLOUCESTER CITY	MT EPHRAIM WD	1710	GLOUCESTER CITY STP	26620
17	0715	GLOUCESTER TWP	GARDEN STATE WC	6200	CHEWS LANDING STP	26468
17	0715	GLOUCESTER TWP	NJ AMER WC	4672	BLACKWOOD STP	26476
17	0716	HADDON TWP	COLLINGSWOOD WD	599	SEPTICS	
17	0716	HADDON TWP	HADDON TWP WD	4000	SEPTICS	
17	0716	HADDON TWP	HADDONFIELD WD	4317	SEPTICS	
17	0716	HADDON TWP	NJ AMER WC	436	SEPTICS	
17	0717	HADDONFIELD BORO	HADDONFIELD WD	4295	CAMDEN CTY MUA STP	26182
17	0718	HADDON HEIGHTS BORO	NJ AMER WC	2667	CAMDEN CTY MUA STP	26182
17	0719	HI-NELLA BORO	NJ AMER WC	158	CAMDEN CTY MUA STP	26182
17	0720	LAUREL SPRINGS BORO	NJ AMER WC	628	CAMDEN CTY MUA STP	26182
17	0721	LAWNSIDE BORO	NJ AMER WC	756	CAMDEN CTY MUA STP	26182
17	0722	LINDENWOLD BORO	NJ AMER WC	2836	CAMDEN CTY MUA STP	26182

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Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
17	0723	MAGNOLIA BORO	NJ AMER WC	1462	MAGNOLIA STP	21431
17	0724	MERCHANTVILLE BORO	MERCHANTVILLE-PENN WC	1303	CAMDEN CTY MUA STP	26182
17	0725	MOUNT EPHRAIM BORO	MT EPHRAIM WD	1707	MT EPHRAIM STP	23817
17	0726	OAKLYN BORO	NJ AMER WC	1454	OAKLYN STP	25003
17	0727	PENNSAUKEN TWP	MERCHANTVILLE-PENN WC	9670	PENNSAUKEN STP	25348
17	0727	PENNSAUKEN TWP	NJ AMER WC	978	PENNSAUKEN STP	25348
17	0728	PINE HILL BORO	PINE HILL MUA	3362	CAMDEN CTY MUA STP	26182
17	0729	PINE VALLEY BORO	N/A	0	SEPTICS	
17	0730	RUNNEMEDE BORO	NJ AMER WC	2573	RUNNEMEDE STP	26859
17	0731	SOMERDALE BORO	NJ AMER WC	1642	CAMDEN CTY MUA STP	26182
17	0732	STRATFORD BORO	NJ AMER WC	2141	STRATFORD STP	22624
17	0733	TAVISTOCK BORO	N/A	0	SEPTICS	
17	0734	VOORHEES TWP	NJ AMER WC	1904	SEPTICS	
18	0735	WATERFORD TWP	GARDEN STATE WC	29	WATERFORD STP	91243
22	0736	WINSLOW TWP	WINSLOW TWP WD	2145	WINSLOW STP	90409
17	0737	WOODLYNN BORO	COLLINGSWOOD WD	907	CAMDEN CTY MUA STP	26182
23	0901	AVALON BORO	AVALON WD	4100	AVALON BORO STP	21385
23	0902	CAPE MAY CITY	CAPE MAY CITY	2753	CAPE MAY REG STP	20371
23	0903	CAPE MAY POINT BORO	CAPE MAY PT WD	460	CAPE MAY REG STP	20371
23	0904	DENNIS TWP	N/A	0	OCEAN CITY REG STP	35343
23	0905	LOWER TWP	CAPE MAY CITY	60	CAPE MAY REG STP	20371
23	0905	LOWER TWP	LOWER TWP MUA	2580	LOWER TWP MUA STP	23809
23	0905	LOWER TWP	WILDWOOD WD	148	LOWER TWP MUA STP	23809
23	0906	MIDDLE TWP	MIDDLE TWP WD	268	MIDDLE TWP STP	28037
23	0906	MIDDLE TWP	NJ AMER WC	650	MIDDLE TWP STP	28037
23	0906	MIDDLE TWP	WILDWOOD WD	264	MIDDLE TWP STP	28037
23	0907	NORTH WILDWOOD CITY	WILDWOOD WD	3568	N WILDWOOD STP	23515

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Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
23	0908	OCEAN CITY	NJ AMER WC	11079	OCEAN CITY REG STP	35343
23	0909	SEA ISLE CITY	SEA ISLE CITY WD	3500	SEA ISLE CITY STP	23680
23	0910	STONE HARBOR BORO	STONE HARBOR WD	2575	STONE HARBOR STP	26581
23	0911	UPPER TWP	ARAMINGO WC	248	SEPTICS	
23	0912	WEST CAPE MAY BORO	CAPE MAY CITY	129	CAPE MAY REG STP	20371
23	0913	WEST WILDWOOD CITY	W WILDWOOD WD	533	WILDWOOD/LOWER STP	53007
23	0914	WILDWOOD CITY	WILDWOOD CITY WD	10420	WILDWOOD CITY STP	22811
23	0914	WILDWOOD CITY	WILDWOOD CITY WD	0	WILDWOOD/LOWER STP	53007
23	0915	WILDWOOD CREST BORO	WILDWOOD CITY WD	2709	WILDWOOD CREST STP	27171
23	0916	WOODBINE BORO	WOODBINE MUA	457	SEPTICS	
21	1101	BRIDGETON CITY	BRIDGETON WD	6044	BRIDGETON STP	24651
21	1102	COMMERCIAL TWP	N/A	0	SEPTICS	
21	1103	DEERFIELD TWP	N/A	0	SEPTICS	
21	1104	DOWNE TWP	N/A	0	SEPTICS	
21	1105	FAIRFIELD TWP	N/A	0	SEPTICS	
21	1106	GREENWICH TWP	N/A	0	SEPTICS	
21	1107	HOPEWELL TWP	N/A	0	SEPTICS	
21	1108	LAWRENCE TWP	N/A	0	SEPTICS	
21	1109	MAURICE RIVER TWP	NJ DEPT CORR	23	SEPTICS	
21	1110	MILLVILLE CITY	MILLVILLE WD	6030	MILLVILLE STP	29467
21	1111	SHILOH BORO	N/A	0	SEPTICS	
20	1112	STOW CREEK TWP	N/A	0	SEPTICS	
21	1113	UPPER DEERFIELD TWP	SEA BROOK WC	635	SEPTICS	
21	1114	VINELAND CITY	VINELAND WD	11003	VINELAND STP	69159
21	1114	VINELAND CITY	VINELAND WD	0	LANDIS STP	25364
5	1301	BELLEVILLE TOWN	BELLEVILLE WD	7500	PASSAIC VALL STP	21016
5	1302	BLOOMFIELD TOWN	BLOOMFIELD WD	11610	PASSAIC VALL STP	21016

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Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
4	1303	CALDWELL BORO	CALDWELL WD	1912	CALDWELL STP	20427
5	1304	CEDAR GROVE TWP	CEDAR GROVE WD	3306	CEDAR GROVE STP	25330
5	1305	EAST ORANGE CITY	E ORANGE WD	9476	PASSAIC VALL STP	21016
5	1305	EAST ORANGE CITY	E ORANGE WD	0	JT MTG STP	24741
5	1306	ESSEX FELS BORO	ESSEX FELS WD	748	CALDWELL STP	20427
4	1307	FAIRFIELD BORO	FAIRFIELD WD	1733	TWO BRIDGES STP	29386
5	1308	GLEN RIDGE BORO	GLEN RIDGE WD	2200	PASSAIC VALL STP	21016
5	1309	IRVINGTON TOWN	NJ AMER WC	9424	JT MTG STP	24741
4	1310	LIVINGSTON TWP	LIVINGSTON WD	9259	LIVINGSTON STP	24511
5	1311	MAPLEWOOD TWP	NJ AMER WC	6892	JT MTG STP	24741
5	1312	MILLBURN TWP	NJ AMER WC	6391	JT MTG STP	24741
5	1313	MONTCLAIR TOWN	MONTCLAIR WD	10586	PASSAIC VALL STP	21016
5	1314	NEWARK CITY	NEWARK WD	59501	PASSAIC VALL STP	21016
5	1314	NEWARK CITY	NEWARK WD	0	JT MTG STP	24741
4	1315	NORTH CALDWELL BORO	NJ AMER WC	53	CALDWELL STP	20427
5	1316	NUTLEY TOWN	NUTLEY WD	8500	PASSAIC VALL STP	21016
5	1317	ORANGE CITY	ORANGE WD	5500	PASSAIC VALL STP	21016
4	1318	ROSELAND BORO	ROSELAND WD	1446	CALDWELL STP	20427
5	1319	SOUTH ORANGE VILLAGE	S ORANGE WD	4483	JT MTG STP	24741
5	1320	VERONA BORO	VERONA MUA	3960	VERONA STP	24490
4	1321	WEST CALDWELL BORO	W CALDWELL WD	3494	CALDWELL STP	20427
5	1322	WEST ORANGE TOWN	NJ AMER WC	10726	JT MTG STP	24741
21	1501	CLAYTON BORO	CLAYTON WD	1790	GLOUC CTY REG STP	24686
17	1502	DEPTFORD TWP	DEPTFORD TWP MUA	5600	GLOUC CTY REG STP	24686
17	1503	EAST GREENWICH TWP	E GREENWICH TWP WD	1150	GLOUC CTY REG STP	24686
21	1504	ELK TWP	N/A	0	SEPTICS	
21	1505	FRANKLIN TWP	N/A	0	SEPTICS	

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Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
21	1506	GLASSBORO TWP	GLASSBORO WD	3263	GIBBSTOWN STP	30333
17	1507	GREENWICH TWP	GREENWICH TWP WD	1808	SEPTICS	
17	1507	GREENWICH TWP	PAULSBORO WD	20	SEPTICS	
20	1508	HARRISON TWP	S JERSEY WS CO	549	HARRISON STP	20532
20	1509	LOGAN TWP	LOGAN WELLS WC	808	LOGAN TWP STP	27545
20	1509	LOGAN TWP	PENNS GROVE WSC	178	LOGAN TWP STP	27545
17	1510	MANTUA TWP	EDENWOOD WC	546	SEPTICS	
17	1510	MANTUA TWP	MANTUA WC	1700	SEPTICS	
22	1511	MONROE TWP	MONROE MUA	4341	SEPTICS	
17	1512	NATIONAL PARK BORO	NATIONAL PARK WD	1054	GLOUC CTY REG STP	24686
21	1513	NEWFIELD BORO	NEWFIELD WD	540	SEPTICS	
17	1514	PAULSBORO BORO	PAULSBORO WD	2655	GLOUC CTY REG STP	24686
17	1515	PITMAN BORO	PITMAN WD	3000	GLOUC CTY REG STP	24686
20	1516	SOUTH HARRISON TWP	N/A	0	SEPTICS	
20	1517	SWEDESBORO BORO	SWEDESBORO WD	750	SEPTICS	
17	1518	WASHINGTON TWP	GARDEN STATE WC	189	GLOUC CTY REG STP	24686
17	1518	WASHINGTON TWP	WASHINGTON TWP MUA	7159	GLOUC CTY REG STP	24686
17	1519	WENONAH BORO	WENONAH WD	731	GLOUC CTY REG STP	24686
17	1519	WENONAH BORO	WOODBURY WD	4747	GLOUC CTY REG STP	24686
17	1520	WEST DEPTFORD TWP	W DEPTFORD WD	4121	GLOUC CTY REG STP	24686
17	1520	WEST DEPTFORD TWP	WESTVILLE WD	50	GLOUC CTY REG STP	24686
17	1521	WESTVILLE BORO	WESTVILLE WD	1887	GLOUC CTY REG STP	24686
17	1522	WOODBURY CITY	WOODBURY WD	4359	GLOUC CTY REG STP	24686
17	1523	WOODBURY HEIGHTS BORO	WOODBURY HGTS WU	1047	GLOUC CTY REG STP	24686
17	1523	WOODBURY HEIGHTS BORO	WOODBURY WD	109	GLOUC CTY REG STP	24686
20	1524	WOOLWICH TWP	N/A	0	SEPTICS	
55	1701	BAYONNE CITY	BAYONNE WD	11660	BAYONNE STP	25836

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Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
5	1702	EAST NEWARK BORO	E NEWARK WD	415	PASSAIC VALL STP	21016
6	1703	GUTTENBERG TWP	HACKENSACK WC	1086	SECAUCUS STP	25038
5	1704	HARRISON TOWN	HARRISON WD	2162	PASSAIC VALL STP	21016
6	1705	HOBOKEN CITY	HOBOKEN WD	5000	HOBOKEN CITY STP	26085
6	1706	JERSEY CITY	JERSEY CITY WD	32700	PASSAIC VALL STP	21016
6	1706	JERSEY CITY	JERSEY CITY WD	0	JERSEY CITY STP #2	27022
6	1706	JERSEY CITY	JERSEY CITY WD	0	JERSEY CITY STP #1	27014
5	1707	KEARNY TWP	KEARNY WD	8115	KEARNY STP	22161
6	1708	NORTH BERGEN TWP	HACKENSACK WC	8074	CENTRAL SEWAGE PLANT	34339
6	1708	NORTH BERGEN TWP	HACKENSACK WC	0	WOODCLIFF STP	29084
6	1709	SECAUCUS TWP	HACKENSACK WC	3411	SECAUCUS STP	25038
6	1710	UNION CITY	HACKENSACK WC	6447	HOBOKEN CITY STP	26085
6	1711	WEEHAWKEN TWP	HACKENSACK WC	1816	HOBOKEN CITY STP	26085
6	1712	WEST NEW YORK TOWN	HACKENSACK WC	4121	WEST NEW YORK STP	25321
9	1901	ALEXANDRIA TWP	MILFORD WD	37	SEPTICS	
10	1902	BETHLEHEM TWP	N/A	0	SEPTICS	
8	1903	BLOOMSBURY BORO	BLOOMSBURY WD	305	SEPTICS	
10	1904	CALIFON TWP	CALIFON WC	313	SEPTICS	
10	1905	CLINTON TOWN	CLINTON WD	634	CLINTON STP	20389
10	1906	CLINTON TWP	CLINTON WD	1193	CLINTON STP	20389
9	1907	DELAWARE TWP	DELAWARE TWP MUA	121	DELAWARE TWP STP	27561
9	1907	DELAWARE TWP	ROSEMONT WC	70	SEPTICS	
10	1908	EAST AMWELL TWP	N/A	0	SEPTICS	
10	1909	FLEMINGTON BORO	FLEMINGTON WD	1135	FLEMINGTON STP	28436
10	1909	FLEMINGTON BORO	FLEMINGTON WD	0	RARITAN MUA STP	22047
10	1910	FRANKLIN TWP	N/A	0	SEPTICS	

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Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
9	1911	FRENCHTOWN BORO	NJ AMER WC	460	FRENCHTOWN STP	29831
10	1912	GLEN GARDNER BORO	GLEN GARDNER WD	230	SEPTICS	
8	1913	HAMPTON BORO	HAMPTON WD	510	SEPTICS	
10	1914	HIGH BRIDGE BORO	HIGH BRIDGE WD	980	CLINTON STP	20389
9	1915	HOLLAND TWP	GARDEN STATE WC	168	MILFORD STP	21890
9	1915	HOLLAND TWP	MILFORD WD	32	MILFORD STP	21890
9	1916	KINGSWOOD TWP	N/A	0	SEPTICS	
9	1917	LAMBERTVILLE CITY	LAMBERTVILLE WC	1205	LAMBERTVILLE STP	20915
10	1918	LEBANON BORO	CLINTON WD	254	READINGTON-LEBANON STP	98922
10	1919	LEBANON TWP	BUNNVALE WATER SYSTEM	97	SEPTICS	
10	1919	LEBANON TWP	CALIFON WC	58	SEPTICS	
9	1920	MILFORD BORO	MILFORD WD	526	MILFORD STP	21890
10	1921	RARITAN TWP	ELIZABETHTOWN WC	65	RARITAN MUA STP	22047
10	1921	RARITAN TWP	FLEMINGTON WD	65	RARITAN MUA STP	22047
10	1922	READINGTON TWP	N/A	0	SEPTICS	
9	1923	STOCKTON BORO	STOCKTON WD	225	LAMBERTVILLE STP	20915
10	1924	TEWKSBURY TWP	N/A	0	SEPTICS	
10	1925	UNION TWP	N/A	0	SEPTICS	
9	1926	WEST AMWELL TWP	N/A	0	SEPTICS	
10	2101	EAST WINDSOR TWP	E WINDSOR MUA	7125	E WINDSOR MUA STP	23787
14	2102	EWING TWP	TRENTON WD	8000	ELSA STP	24759
14	2103	HAMILTON TWP	GARDEN STATE WC	6269	HAMILTON TWP STP	26301
14	2103	HAMILTON TWP	TRENTON WD	18500	HAMILTON TWP STP	26301
10	2104	HIGHTSTOWN BORO	HIGHTSTOWN WD	1360	HIGHTSTOWN STP	29475
10	2105	HOPEWELL BORO	HOPEWELL WD	718	SBRSA #3 STP	35301
10	2106	HOPEWELL TWP	HOPEWELL TWP MUA	78	SEPTICS	

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Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
10	2106	HOPEWELL TWP	HOPEWELL WD	40	SEPTICS	
10	2106	HOPEWELL TWP	N/A	0	SBRSA #1	31119
10	2106	HOPEWELL TWP	N/A	0	SBRSA #2	35319
10	2106	HOPEWELL TWP	N/A	0	ELSA STP	24759
14	2107	LAWRENCE TWP	LAWRENCEVILLE WC	1139	ELSA STP	24759
14	2107	LAWRENCE TWP	TRENTON WD	4000	ELSA STP	24759
10	2108	PENNINGTON BORO	PENNINGTON WD	674	SBRSA #2 STP	35319
10	2109	PRINCETON BORO	ELIZABETHTOWN WC		SBRSA #1 STP	31119
10	2110	PRINCETON TWP	ELIZABETHTOWN WC	3469	SBRSA #1 STP	31119
14	2111	TRENTON CITY	TRENTON WD	24500	TRENTON STP	20923
14	2112	WASHINGTON TWP	GARDEN STATE WC	326	HAMILTON TWP STP	26301
10	2113	WEST WINDSOR TWP	ELIZABETHTOWN WC	1673	SBRSA #1 STP	31119
10	2113	WEST WINDSOR TWP	N/A	0	HAMILTON TWP STP	26301
5	2301	CARTERET BORO	MIDDLESEX WC	5600	CARTERET STP	24571
10	2302	CRANBURY TWP	CRANBURY TWP WD	503	SBRSA #1 STP	31119
10	2303	DUNELLEN BORO	ELIZABETHTOWN WC	2052	MIDDLESEX CTY STP	20141
11	2304	EAST BRUNSWICK TWP	E BRUNSWICK WD	11000	MIDDLESEX CTY STP	20141
10	2305	EDISON TWP	EDISON TWP WD	9046	MIDDLESEX CTY STP	20141
10	2305	EDISON TWP	ELIZABETHTOWN WC	317	MIDDLESEX CTY STP	20141
10	2305	EDISON TWP	MIDDLESEX WC	7200	MIDDLESEX CTY STP	20141
11	2306	HELMETTA BORO	HELMETTA WD	250	MIDDLESEX CTY STP	20141
10	2307	HIGHLAND PARK BORO	HIGHLAND PARK WD	3067	MIDDLESEX CTY STP	20141
11	2308	JAMESBURG BORO	NJ AMER WC	3400	MIDDLESEX CTY STP	20141
11	2309	OLD BRIDGE TWP	ABERDEEN TWP WD	50	MIDDLESEX CTY STP	20141
11	2309	OLD BRIDGE TWP	OLD BRIDGE MUA	17110	MIDDLESEX CTY STP	20141
10	2310	METUCHEN BORO	MIDDLESEX WC	4700	MIDDLESEX CTY STP	20141
10	2311	MIDDLESEX BORO	ELIZABETHTOWN WC	3830	MIDDLESEX CTY STP	20141

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Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
11	2312	MILLTOWN BORO	MILLTOWN WD	2300	MIDDLESEX CTY STP	20141
11	2313	MONROE TWP	MONROE TWP MUA	2550	MIDDLESEX CTY STP	20141
11	2313	MONROE TWP	N/A	0	SEPTICS	
10	2314	NEW BRUNSWICK CITY	NEW BRUNSWICK WD	7200	MIDDLESEX CTY STP	20141
11	2315	NORTH BRUNSWICK TWP	N BRUNSWICK WD	6311	MIDDLESEX CTY STP	20141
5	2316	PERTH AMBOY CITY	PERTH AMBOY WD	8000	PERTH AMBOY STP	23213
10	2317	PISCATAWAY TWP	ELIZABETHTOWN WC	7710	MIDDLESEX CTY STP	20141
10	2318	PLAINSBORO TWP	ELIZABETHTOWN WC	643	SBRSA #1 STP	31119
11	2319	SAYREVILLE BORO	PERTH AMBOY WD	140	MIDDLESEX CTY STP	20141
11	2319	SAYREVILLE BORO	SAYREVILLE WD	8900	MIDDLESEX CTY STP	20141
10	2320	SOUTH AMBOY CITY	S AMBOY WD	2560	S AMBOY STP	20541
11	2321	SOUTH BRUNSWICK TWP	S BRUNSWICK TWP WD	4689	SBRSA #1 STP	31119
11	2321	SOUTH BRUNSWICK TWP	S BRUNSWICK TWP WD	0	MIDDLESEX CTY STP	20141
10	2322	SOUTH PLAINFIELD BORO	ELIZABETHTOWN WC	2971	MIDDLESEX CTY STP	20141
10	2322	SOUTH PLAINFIELD BORO	MIDDLESEX WC	3300	MIDDLESEX CTY STP	20141
11	2323	SOUTH RIVER BORO	S RIVER WD	4000	MIDDLESEX CTY STP	20141
11	2324	SPOTSWOOD BORO	SPOTSWOOD WD	2471	MIDDLESEX CTY STP	20141
5	2325	WOODBRIIDGE TWP	MIDDLESEX WC	24900	RAHWAY VALL STP	24643
5	2325	WOODBRIIDGE TWP	PERTH AMBOY WD	160	RAHWAY VALL STP	24643
5	2325	WOODBRIIDGE TWP	N/A	0	SEWAREN STP	20397
5	2325	WOODBRIIDGE TWP	N/A	0	KEASBY STP	20401
12	2501	ALLENHURST BORO	ALLENHURST WD	380	OCEAN TWP STP	24520
14	2502	ALLENTOWN BORO	ALLENTOWN WD	598	ALLENTOWN STP	20206
12	2503	ASBURY PARK CITY	NJ AMER WC	3820	ASBURY PARK STP	25241
12	2504	ATLANTIC HIGHLANDS BORO	ATLANTIC HIGHLANDS WD	1524	MIDDLETOWN MAIN STP	25356
12	2505	AVON BY THE SEA BORO	AVON-BY-THE-SEA WD	1400	NEPTUNE TWP REG STP	24872
12	2506	BELMAR BORO	BELMAR WD	3230	S MONMOUTH REG STP	24562

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Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
12	2507	BRADLEY BEACH BORO	NJ AMER WC	1898	NEPTUNE TWP REG STP	24872
13	2508	BRIELLE BORO	BRIELLE WD	1600	S MONMOUTH REG STP	24562
12	2509	COLTS NECK TWP	N/A	0	SEPTICS	
12	2510	DEAL BORO	NJ AMER WC	963	DEAL STP	
12	2511	EATONTOWN BORO	NJ AMER WC	2234	NE MONMOUTH REG STP	26735
11	2512	ENGLISHTOWN BORO	ENGLISHTOWN WD	310	PINE BROOK STP	23728
12	2513	FAIR HAVEN BORO	NJ AMER WC	1838	NE MONMOUTH REG STP	26735
12	2513	FAIR HAVEN BORO	RED BANK WD	175	NE MONMOUTH REG STP	26735
13	2514	FARMINGDALE BORO	FARMINGDALE WD	263	NORTHERN STP	28142
13	2515	FREEHOLD BORO	FREEHOLD BORO WD	2057	NORTHERN STP	28142
13	2516	FREEHOLD TWP	FREEHOLD BORO WD	568	NORTHERN STP	28142
13	2516	FREEHOLD TWP	FREEHOLD TWP WD	4198	NORTHERN STP	28142
12	2517	HIGHLAND BORO	HIGHLANDS WD	1774	MIDDLETOWN MAIN STP	25356
12	2518	HOLMDEL BORO	NJ AMER WC	722	SEPTICS	
12	2518	HOLMDEL BORO	W KEANSBURG WC	1150	SEPTICS	
13	2519	HOWELL TWP	ADELPHIA WC	809	NORTHERN STP	28142
13	2519	HOWELL TWP	ALDRICH WC	2732	NORTHERN STP	28142
13	2519	HOWELL TWP	FARMINGDALE WD	100	NORTHERN STP	28142
13	2519	HOWELL TWP	PARKWAY WC	371	NORTHERN STP	28142
12	2520	INTERLAKEN BORO	NJ AMER WC	314	OCEAN TWP STP	24520
12	2521	KEANSBURG BORO	KEANSBURG MUA	3900	BAYSHORE REG STP	24708
12	2522	KEYPORT BORO	KEYPORT WD	2100	BAYSHORE REG STP	24708
12	2523	LITTLE SILVER BORO	NJ AMER WC	2020	NE MONMOUTH REG STP	26735
12	2523	LITTLE SILVER BORO	RED BANK WD	55	NE MONMOUTH REG	26735

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Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
					STP	
12	2524	LOCH HARBOUR VILLAGE	ALLENHURST WD	20	OCEAN TWP STP	24520
12	2524	LOCH HARBOUR VILLAGE	NJ AMER WC	133	OCEAN TWP STP	24520
12	2525	LONG BRANCH CITY	NJ AMER WC	7635	LONG BRANCH STP	24783
11	2526	MANALAPAN TWP	GORDONS CORNER WC	5828	PINE BROOK STP	23728
11	2526	MANALAPAN TWP	MANALAPAN TWP WD	135	PINE BROOK STP	23728
13	2527	MANASQUAN BORO	MANASQUAN WD	3400	S MONMOUTH REG STP	24562
11	2528	MARLBORO TWP	GORDONS CORNER WC	1602	BAYSHORE REG STP	24708
11	2528	MARLBORO TWP	MARLBORO MUA	3100	BAYSHORE REG STP	24708
11	2528	MARLBORO TWP	MATAWAN BORO WD	130	BAYSHORE REG STP	24708
12	2529	MATAWAN TWP	MATAWAN BORO WD	2100	BAYSHORE REG STP	24708
12	2529	MATAWAN TWP	MATAWAN BORO WD	0	CLIFFWOOD BEACH STP	22535
12	2529	MATAWAN TWP	MATAWAN BORO WD	0	STRATHMORE STP	22543
12	2530	ABERDEEN TWP	ABERDEEN TWP MUA	2396	SEPTICS	
12	2530	ABERDEEN TWP	ABERDEEN TWP WD	2200	SEPTICS	
12	2531	MIDDLETOWN TWP	ATLANTIC HIGHLANDS WD	37	MIDDLETOWN MAIN STP	25356
12	2531	MIDDLETOWN TWP	NJ AMER WC	19734	MIDDLETOWN MAIN STP	25356
10	2532	MILLSTONE TWP	N/A	0	SEPTICS	
12	2533	MONMOUTH BEACH BORO	NJ AMER WC	880	NE MONMOUTH REG STP	26735
12	2534	NEPTUNE TWP	NJ AMER WC	7216	NEPTUNE TWP REG STP	24872
12	2535	NEPTUNE CITY BORO	NJ AMER WC	1581	NEPTUNE TWP REG STP	24872
12	2536	TINTON FALLS BORO	NJ AMER WC	1783	NE MONMOUTH REG STP	26735
12	2537	OCEAN TWP	NJ AMER WC	6759	OCEAN TWP STP	24520
12	2538	OCEANPORT BORO	NJ AMER WC	1503	NE MONMOUTH REG STP	26735
12	2539	HAZLET TWP	W KEANSBURG WC	5900	BAYSHORE REG STP	24708

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RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
12	2540	RED BANK BORO	RED BANK WD	4270	NE MONMOUTH REG STP	26735
14	2541	ROOSEVELT BORO	ROOSEVELT WD	280	ROOSEVELT STP	22918
12	2542	RUMSON BORO	NJ AMER WC	2575	NE MONMOUTH REG STP	26735
12	2543	SEA BRIGHT BORO	NJ AMER WC	657	NE MONMOUTH REG STP	26735
12	2544	SEA GIRT BORO	SEA GIRT WD	1185	S MONMOUTH REG STP	24562
12	2545	SHREWSBURY BORO	N/A	0	NE MONMOUTH REG STP	26735
12	2546	SHREWSBURY TWP	N/A	0	NE MONMOUTH REG STP	26735
12	2547	SOUTH BELMAR BORO	BELMAR WD	2000	S MONMOUTH REG STP	24562
12	2547	SOUTH BELMAR BORO	S BELMAR WD	1010	S MONMOUTH REG STP	24562
12	2548	SPRING LAKE BORO	SPRING LAKE WD	1659	S MONMOUTH REG STP	24562
12	2549	SPRING LAKE HEIGHTS BOR	SPRING LAKE HGTS WD	1530	S MONMOUTH REG STP	24562
12	2550	UNION BEACH BORO	UNION BEACH WD	2034	BAYSHORE REG STP	24708
14	2551	UPPER FREEHOLD TWP	N/A	0	SEPTICS	
12	2552	WALL TWP	MANASQUAN WD	143	S MONMOUTH REG STP	24562
12	2552	WALL TWP	WALL TWP WD	6020	S MONMOUTH REG STP	24562
12	2553	WEST LONG BRANCH TWP	NJ AMER WC	2186	NE MONMOUTH REG STP	26735
4	2701	BOONTOWN TOWN	BOONTON WD	2471	ROCKAWAY VALL STP	22349
4	2702	BOONTOWN TWP	BOONTON WD	100	ROCKAWAY VALL STP	22349
4	2702	BOONTOWN TWP	DENVILLE WD	30	ROCKAWAY VALL STP	22349
4	2702	BOONTOWN TWP	MT LAKES WD	34	ROCKAWAY VALL STP	22349
4	2703	BUTLER BORO	BUTLER WD	2154	TWO BRIDGES STP	29386
4	2704	CHATHAM BORO	CHATHAM WD	2760	JOINT MEETING	24937

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RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
4	2705	CHATHAM TWP	NJ AMER WC	2508	CHATHAM STP	20290
10	2706	CHESTER BORO	CHESTER WC	96	SEPTICS	
10	2707	CHESTER TWP	ELIZABETHTOWN WC	49	SEPTICS	
4	2708	DENVILLE TWP	DENVILLE TWP WD	4664	SEPTICS	
4	2708	DENVILLE TWP	ROCKAWAY BORO WD	44	SEPTICS	
4	2709	DOVER TOWN	DOVER WD	3934	ROCKAWAY VALL STP	22349
4	2710	EAST HANOVER TWP	E HANOVER WD	2162	PARSIPPANY-TROY HILLS STP	24970
4	2711	FLORHAM PARK BORO	FLORHAM PARK WD	2772	FLORHAM PARK STP	25518
4	2711	FLORHAM PARK BORO	SE MORRIS CTY MUA	31	FLORHAM PARK STP	25518
4	2712	HANOVER TWP	SE MORRIS CTY MUA	3767	HANOVER STP	24902
4	2713	HARDING TWP	LAKES SHORE CO	95	SEPTICS	
4	2713	HARDING TWP	SE MORRIS CTY MUA	272	SEPTICS	
4	2714	JEFFERSON TWP	JEFFERSON TWP MUA	1566	N/A	
4	2714	JEFFERSON TWP	MADOC WC	31	N/A	
4	2714	JEFFERSON TWP	N/A	0	JEFFERSON TWP STP	26867
4	2714	JEFFERSON TWP	N/A	0	MUSCONETCONG STP	27821
4	2715	KINNELON BORO	BUTLER WD	94	SEPTICS	
4	2715	KINNELON BORO	FAYSON LAKES WD	694	SEPTICS	
4	2715	KINNELON BORO	KINNELON WD	133	SEPTICS	
4	2716	LINCOLN PARK BORO	LINCOLN PARK WD	1811	TWO BRIDGES STP	29386
4	2717	MADISON BORO	MADISON WD	4710	JOINT MEETING	24937
10	2718	MENDHAM BORO	MENDHAM WD	1575	MENDHAM INDIA BROOK STP	21334
4	2719	MENDHAM TWP	MENDHAM WD	150	SEPTICS	
4	2719	MENDHAM TWP	SE MORRIS CTY MUA	323	SEPTICS	
4	2720	MINE HILL TWP	MINE HILL TWP WD	657	SEPTICS	

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Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
4	2721	MONTVILLE TWP	MONTVILLE TWP MUA	2018	PARSIPPANY-TROY HILLS STP	24970
4	2721	MONTVILLE TWP	PLAUSHA PARK WC	57	PARSIPPANY-TROY HILLS STP	24970
4	2722	MORRIS TWP	SE MORRIS CTY MUA	5606	N/A	
4	2722	MORRIS TWP	N/A	0	BUTTERWORTH STP	24911
4	2722	MORRIS TWP	N/A	0	WOODLAND STP	24929
4	2723	MORRIS PLAINS BORO	SE MORRIS CTY MUA	1756	BUTTERWORTH STP	24911
4	2724	MORRISTOWN TOWN	SE MORRIS CTY MUA	3627	MORRISTOWN STP	25496
4	2725	MOUNTAIN LAKES BORO	DENVILLE TWP WD	48	PARSIPPANY-TROY HILLS STP	24970
4	2725	MOUNTAIN LAKES BORO	MT LAKES WD	1191	PARSIPPANY-TROY HILLS STP	24970
4	2726	MOUNT ARLINGTON BORO	MT ARLINGTON WC	310	SEPTICS	
4	2726	MOUNT ARLINGTON BORO	ROXBURY TWP WD	265	SEPTICS	
10	2727	MOUNT OLIVE TWP	HACKETTSTOWN MUA	100	MUSCONETCONG STP	27821
10	2727	MOUNT OLIVE TWP	INDIAN SPRING ACRES WC	83	MUSCONETCONG STP	27821
10	2727	MOUNT OLIVE TWP	MT OLIVE TWP WD	2547	MUSCONETCONG STP	27821
10	2727	MOUNT OLIVE TWP	NETCONG WD	60	MUSCONETCONG STP	27821
8	2728	NETCONG BORO	NETCONG WD	934	MUSCONETCONG STP	27821
4	2729	PARSIPANNY TROY HILLS TWP	MT LAKES WD	44	ROCKAWAY VALL STP	22349
4	2729	PARSIPANNY TROY HILLS TWP	PARSIPPANY-TROY HILLS W	11650	PARSIPPANY-TROY HILLS STP	24970
4	2730	PASSAIC TWP	NJ AMER WC	2025	PASSAIC TWP STP	24465
4	2731	PEQUANNOCK TWP	PEQUANNOCK TWP WD	4276	TWO BRIDGES STP	29386
10	2732	RANDOLPH TWP	DOVER WD	582	ROCKAWAY VALL STP	22349
10	2732	RANDOLPH TWP	RANDOLPH TWP MUA	2250	ROCKAWAY VALL STP	22349
4	2733	RIVERDALE BORO	RIVERDALE BORO WD	750	SEPTICS	

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Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
4	2734	ROCKAWAY BORO	ROCKAWAY BORO WD	1890	ROCKAWAY VALL STP	22349
4	2735	ROCKAWAY TWP	DOVER WD	644	ROCKAWAY VALL STP	22349
4	2735	ROCKAWAY TWP	ROCKAWAY BORO WD	664	ROCKAWAY VALL STP	22349
4	2735	ROCKAWAY TWP	ROCKAWAY TWP WD	2978	ROCKAWAY VALL STP	22349
10	2736	ROXBURY TWP	ROXBURY TWP WD	2149	AJAX TERRACE STP	22675
10	2736	ROXBURY TWP	ROXBURY WC	2332	AJAX TERRACE STP	22675
4	2737	VICTORY GARDENS BORO	DOVER WD	319	SEPTICS	
10	2738	WASHINGTON TWP	HACKETTSTOWN MUA	65	SEPTICS	
10	2738	WASHINGTON TWP	WASHINGTON TWP MUA	1496	SEPTICS	
4	2739	WHARTON BORO	DOVER WD	28	ROCKAWAY VALL STP	22349
4	2739	WHARTON BORO	WHARTON WD	1735	ROCKAWAY VALL STP	22349
19	2901	BARNEGAT LIGHT BORO	BARNEGAT LIGHT WD	925	SOUTHERN STP	26018
15	2902	BAY HEAD BORO	NJ AMER WC	977	NORTHERN STP	28142
19	2903	BEACH HAVEN BORO	BEACH HAVEN WD	1862	SOUTHERN STP	26018
16	2904	BEACHWOOD BORO	BEACHWOOD WD	1886	CENTRAL STP	29408
16	2905	BERKELEY TWP	BERKELEY WC	1350	CENTRAL STP	29408
16	2905	BERKELEY TWP	OCEAN GATE WD	37	CENTRAL STP	29408
16	2905	BERKELEY TWP	SEASIDE HGTS WD	180	CENTRAL STP	29408
16	2905	BERKELEY TWP	SHORE WC	1080	CENTRAL STP	29408
16	2905	BERKELEY TWP	TOMS RIVER WC	8255	CENTRAL STP	29408
15	2906	BRICK TWP	BRICK TWP MUA	24066	NORTHERN STP	28142
15	2906	BRICK TWP	NJ AMER WC	1194	NORTHERN STP	28142
16	2907	DOVER TWP	NJ AMER WC	4010	SEPTICS	
16	2907	DOVER TWP	SEASIDE HGTS WD	1925	SEPTICS	
16	2907	DOVER TWP	TOMS RIVER WC	18135	SEPTICS	
19	2908	EAGLESWOOD TWP	N/A	0	SOUTHERN STP	26018
19	2909	HARVEY CEDARS BORO	HARVEY CEDARS WD	1007	SOUTHERN STP	26018

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Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
16	2910	ISLAND HEIGHTS BORO	ISLAND HGTS WD	695	CENTRAL STP	29408
16	2911	JACKSON TWP	JACKSON TWP MUA	3584	NORTHERN STP	28142
19	2912	LACEY TWP	N/A	0	CENTRAL STP	29408
16	2913	LAKEHURST BORO	LAKEHURST WD	1050	CENTRAL STP	29408
15	2914	LAKEWOOD TWP	LAKEWOOD TWP MUA	5000	NORTHERN STP	28142
15	2914	LAKEWOOD TWP	NJ AMER WC	5664	NORTHERN STP	28142
15	2915	LAVALETTE BORO	LAVALLETTE WD	2000	CENTRAL STP	29408
15	2915	LAVALETTE BORO	NJ AMER WC	314	CENTRAL STP	29408
19	2916	LITTLE EGG HARBOR TWP	LITTLE EGG HARBOR TWP M	4401	SOUTHERN STP	26018
19	2917	LONG BEACH TWP	LONG BEACH TWP WD	6714	SOUTHERN STP	26018
16	2918	MANCHESTER TWP	CEDAR GLEN LAKES WC	1238	CENTRAL STP	29408
16	2918	MANCHESTER TWP	CEDAR GLEN WEST WC	826	CENTRAL STP	29408
16	2918	MANCHESTER TWP	CRESTWOOD VILLAGE WC	7954	CENTRAL STP	29408
16	2918	MANCHESTER TWP	LEISURE COMM WC	2562	CENTRAL STP	29408
16	2918	MANCHESTER TWP	MANCHESTER TWP MUA	253	CENTRAL STP	29408
15	2919	MANTALOKING BORO	NJ AMER WC	488	CENTRAL STP	29408
19	2920	OCEAN TWP	OCEAN TWP MUA	1644	CENTRAL STP	29408
16	2921	OCEAN GATE BORO	OCEAN GATE WD	939	CENTRAL STP	29408
16	2922	PINE BEACH BORO	PINE BEACH WD	731	CENTRAL STP	29408
14	2923	PLUMSTEAD TWP	NEW EGYPT WC	435	SEPTICS	
15	2924	POINT PLEASANT BORO	PT PLEASANT WD	7000	NORTHERN STP	28142
13	2925	POINT PLEASANT BEACH BORO	PT PLEASANT BEACH WD	2950	NORTHERN STP	28142
15	2926	SEASIDE HEIGHTS BORO	SEASIDE HGTS WD	1585	CENTRAL STP	29408
19	2927	SEASIDE PARK BORO	SEASIDE PARK WD	1830	NORTHERN STP	28142
19	2928	SHIP BOTTOM BORO	SHIP BOTTOM WD	1525	SOUTHERN STP	26018

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Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
16	2929	SOUTH TOMS RIVER BORO	TOMS RIVER WC	1148	CENTRAL STP	29408
19	2930	STAFFORD TWP	STAFFORD TWP MUA	4639	SOUTHERN STP	26018
19	2931	SURF CITY BORO	SURF CITY WD	2392	SOUTHERN STP	26018
19	2932	TUCKERTON TWP	TUCKERTON MUA	1300	SOUTHERN STP	26018
19	2933	BARNEGAT TWP	BARNEGAT WC	321	CENTRAL STP	29408
4	3101	BLOOMINGDALE BORO	BUTLER WD	1819	BUTLER/BLOOMINGDALE STP	
5	3102	CLIFTON CITY	PASSAIC VALLEY WC	18000	PASSAIC VALL STP	21016
5	3103	HALEDON BORO	HALEDON WD	1641	PASSAIC VALL STP	21016
5	3104	HAWTHORNE BORO	HAWTHORNE WD	5507	PASSAIC VALL STP	21016
5	3105	LITTLE FALLS TWP	NJ AMER WC	3153	LITTLE FALLS STP	24732
5	3106	NORTH HALEDON BORO	HALEDON WD	972	PASSAIC VALL STP	21016
5	3107	PASSAIC CITY	PASSAIC VALLEY WC	11000	PASSAIC VALL STP	21016
5	3108	PATERSON CITY	HALEDON WD	75	PASSAIC VALL STP	21016
5	3108	PATERSON CITY	PASSAIC VALLEY WC	32861	PASSAIC VALL STP	21016
4	3109	POMPTON LAKES BORO	POMPTON LAKES MUA	3043	POMPTON LAKES MUA	23698
5	3110	PROSPECT PARK BORO	PASSAIC VALLEY WC	1056	PASSAIC VALL STP	21016
4	3111	RINGWOOD BORO	RINGWOOD WD	2655	SEPTICS	
5	3112	TOTOWA BORO	TOTOWA WD	3320	RIVERVIEW DR STP	22071
4	3113	WANAQUE BORO	WANAQUE WD	2976	WANAQUE REG STP	53759
4	3114	WAYNE TWP	WAYNE TWP DW	12750	MT VIEW STP	28002
4	3114	WAYNE TWP	WAYNE TWP DW	0	SHEFFIELD HILLS STP	26841
4	3115	WEST MILFORD TWP	BIRCH HILL PARK WC	52	W MILFORD TWP STP	27669
4	3115	WEST MILFORD TWP	GREEN BROOK WS CO	92	W MILFORD TWP STP	27669
4	3115	WEST MILFORD TWP	HIGH CREST LAKE WC	226	W MILFORD TWP STP	27669
4	3115	WEST MILFORD TWP	POST BROOK WD	113	W MILFORD TWP STP	27669
4	3115	WEST MILFORD TWP	W MILFORD TWP MUA	777	W MILFORD TWP STP	27669
5	3116	WEST PATERSON BORO	NJ AMER WC	901	W PATERSON STP	22098

Appendix B Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
5	3116	WEST PATERSON BORO	W PATERSON WD	1350	W PATERSON STP	22098
20	3301	ALLOWAY TWP	N/A	0	SEPTICS	
21	3302	ELMER BORO	ELMER WD	600	SEPTICS	
20	3303	ELSINBORO TWP	N/A	0	SEPTICS	
20	3304	LOWER ALLOWAY CREEK TWP	N/A	0	SEPTICS	
20	3305	MANNINGTON TWP	SALEM WD	35	SEPTICS	
20	3306	OLMANS TWP	PENNS GROVE WS CO	344	SEPTICS	
20	3306	OLMANS TWP	AUBURN WS	57	SEPTICS	
20	3307	PENNS GROVE BORO	PENNS GROVE WS CO	4300	PENNS GROVE STP	24023
20	3308	PENNSVILLE TWP	PENNSVILLE TWP WD	4417	PENNSVILLE STP	21598
20	3309	PILESGROVE TWP	N/A	0	SEPTICS	
21	3310	PITTSBORO TWP	N/A	0	SEPTICS	
20	3311	QUINTON TWP	SALEM WD	40	SEPTICS	
20	3312	SALEM CITY	SALEM WD	2226	SALEM STP	24856
20	3313	CARNEY'S POINT TWP	N/A	0	CARNEYS PT TWP STP	21601
21	3314	UPPER PITTSBORO TWP	N/A	0	SEPTICS	
20	3315	WOODSTOWN BORO	WOODSTOWN BORO WD	1365	WOODSTOWN STP	22250
10	3501	BEDMINSTER TWP	ELIZABETHTOWN WC	67	BEDMINISTER STP	28495
10	3501	BEDMINSTER TWP	NJ AMER WC	261	BEDMINISTER STP	28495
4	3502	BERNARDS TWP	ELMI WC	36	HARRISON BROOK STP	22845
4	3502	BERNARDS TWP	NJ AMER WC	2820	HARRISON BROOK STP	22845
10	3503	BERNARDSVILLE BORO	NJ AMER WC	1426	BERNARDSVILLE STP	26387
10	3504	BOUND BROOK BORO	ELIZABETHTOWN WC	2509	SOMERSET-RARITAN STP	24864
10	3505	BRANDBURG TWP	ELIZABETHTOWN WC	654	SOMERSET-RARITAN STP	24864
10	3506	BRIDGEWATER TWP	ELIZABETHTOWN WC	4358	SOMERSET-RARITAN STP	24864

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Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
10	3507	FAR HILLS BORO	NJ AMER WC	112	SEPTICS	
10	3508	FRANKLIN TWP	ELIZABETHTOWN WC	221	?	
10	3508	FRANKLIN TWP	FRANKLIN TWP PW	5500	?	
10	3509	GREENBROOK TWP	ELIZABETHTOWN WC	1075	?	
10	3510	HILLSBOROUGH TWP	ELIZABETHTOWN WC	2529	SOMERSET-RARITAN STP	24864
10	3510	HILLSBOROUGH TWP	MANVILLE WD	236	SOMERSET-RARITAN STP	24864
10	3511	MANVILLE BORO	MANVILLE WD	3412	MANVILLE STP	28762
10	3512	MILLSTONE BORO	ELIZABETHTOWN WC	63	SEPTICS	
10	3513	MONTGOMERY TWP	ELIZABETHTOWN WC	238	SEPTICS	
10	3514	NORTH PLAINFIELD BORO	ELIZABETHTOWN WC	4870	?	
10	3515	PEAPACK GLADSTONE BORO	ELIZABETHTOWN WC	544	PEAPACK STP	21881
10	3516	RARITAN BORO	ELIZABETHTOWN WC	1799	SOMERSET-RARITAN STP	24864
10	3517	ROCKY HILL BORO	ROCKY HILL WD	274	SEPTICS	
10	3518	SOMERVILLE BORO	ELIZABETHTOWN WC	3384	SOMERSET-RARITAN STP	24864
10	3519	SOUTH BOUND BROOK BORO	ELIZABETHTOWN WC	1103	SOMERSET-RARITAN STP	24864
4	3520	WARREN TWP	ELIZABETHTOWN WC	1164	STAGE IV STP	22497
4	3520	WARREN TWP	ELIZABETHTOWN WC	0	SOMERSET-RARITAN STP	24864
4	3520	WARREN TWP	ELIZABETHTOWN WC	0	STAGE I-II STP	22489
10	3521	WATCHUNG BORO	ELIZABETHTOWN WC	1014	?	
3	3701	ANDOVER TWP	ANDOVER BORO WD	300	SEPTICS	
3	3702	ANDOVER BORO	ANDOVER WC	40	SEPTICS	
3	3702	ANDOVER BORO	FOREST LAKES WC	30	SEPTICS	

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Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
3	3702	ANDOVER BORO	LAKE LENAPE WC	340	SEPTICS	
3	3702	ANDOVER BORO	NEWTON W&S	128	SEPTICS	
3	3703	BRANCHVILLE BORO	BRANCHVILLE WD	310	SEPTICS	
8	3704	BYRAM TWP	BYRAM WC	149	SEPTICS	
8	3704	BYRAM TWP	FOREST LAKES WC	350	SEPTICS	
8	3704	BYRAM TWP	LAKE MOHAWK-SPARTA WC	235	SEPTICS	
8	3704	BYRAM TWP	SPARTA MT WC	81	SEPTICS	
3	3705	FRANKFORD TWP	N/A	0	SEPTICS	
3	3706	FRANKLIN BORO	FRANKLIN BD PW	1020	FRANKLIN STP	
3	3707	FREDON TWP	N/A	0	SEPTICS	
3	3708	GREEN TWP	N/A	0	SEPTICS	
3	3709	HAMBURG BORO	HAMBURG BD PW	600	UPPER WALLKILL STP	53350
3	3710	HAMPTON TWP	N/A	0	SEPTICS	
3	3711	HARDYSTON TWP	LAKE TAMARACK WC	254	SEPTICS	
3	3711	HARDYSTON TWP	SPARTA MT WC	75	SEPTICS	
3	3711	HARDYSTON TWP	WALLKILL WC	365	SEPTICS	
3	3711	HARDYSTON TWP	N/A	0	UPPER WALLKILL STP	53350
8	3712	HOPATCONG TWP	LAKE HOPATCONG WD	760	MUSCONETCONG STP	27821
8	3712	HOPATCONG TWP	WILDWOOD SHORES WC	220	MUSCONETCONG STP	27821
3	3713	LAFAYETTE TWP	N/A	0	SEPTICS	
1	3714	MONTAGUE TWP	MONTAGUE WC	468	SEPTICS	
3	3715	NEWTON TWP	NEWTON W&S	2013	NEWTON STP	20184
3	3716	OGDENSBURG TWP	OGDENSBURG WD	817	SEPTICS	
2	3717	SANDYSTON TWP	N/A	0	SEPTICS	
3	3718	SPARTA TWP	HIGHLAND WC	103	SEPTICS	
3	3718	SPARTA TWP	LAKE MOHAWK-SPARTA WC	2415	SEPTICS	
3	3718	SPARTA TWP	NEWTON W&S	42	SEPTICS	

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Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
3	3718	SPARTA TWP	SPARTA MT WC	1005	SEPTICS	
8	3719	STANHOPE BORO	STANHOPE WD	1094	MUSCONETCONG STP	27821
3	3720	STILLWATER TWP	STILLWATER TWP WD	600	SEPTICS	
3	3721	SUSSEX BORO	SUSSEX WD	547	SUSSEX BORO STP	21857
3	3722	VERNON TWP	BARRY LAKES WC	39	SEPTICS	
3	3722	VERNON TWP	SUNSET RIDGE WC	72	SEPTICS	
3	3722	VERNON TWP	SUSSEX CO WC	142	SEPTICS	
3	3722	VERNON TWP	VERNON WC	154	SEPTICS	
2	3723	WALPACK TWP	N/A	0	SEPTICS	
3	3724	WANTAGE TWP	SIMMONS WC	49	SEPTICS	
3	3724	WANTAGE TWP	SUSSEX WD	103	SEPTICS	
4	3901	BERKELEY HEIGHTS TWP	NJ AMER WC	3537	BERKELEY HGTS STP	27961
5	3902	CLARK TWP	ELIZABETHTOWN WC	4788	RAHWAY VALL STP	24643
5	3903	CRANFORD TWP	ELIZABETHTOWN WC	7466	RAHWAY VALL STP	24643
5	3904	ELIZABETH CITY	ELIZABETH WD	17500	JT MTG STP	24741
5	3905	FANWOOD BORO	ELIZABETHTOWN WC	2522	MIDDLESEX CTY STP	20141
5	3906	GARWOOD BORO	ELIZABETHTOWN WC	1506	MIDDLESEX CTY STP	20141
5	3907	HILLSIDE TWP	ELIZABETHTOWN WC	5917	JT MTG STP	24741
5	3908	KENILWORTH BORO	ELIZABETHTOWN WC	2959	MIDDLESEX CTY STP	20141
5	3909	LINDEN CITY	ELIZABETHTOWN WC	11035	LINDEN ROSELLE STP	24953
5	3910	MOUNTAINSIDE BORO	ELIZABETHTOWN WC	2450	MIDDLESEX CTY STP	20141
4	3911	NEW PROVIDENCE BORO	NJ AMER WC	3731	NEW PROVIDENCE STP	21636
10	3912	PLAINFIELD CITY	ELIZABETHTOWN WC	10288	MIDDLESEX CTY STP	20141
5	3913	RAHWAY CITY	RAHWAY WD	7996	RAHWAY VALL STP	24643
5	3914	ROSELLE BORO	ELIZABETHTOWN WC	5279	LINDEN ROSELLE STP	24953
5	3915	ROSELLE PARK BORO	ELIZABETHTOWN WC	3393	JT MTG STP	24741
5	3915	ROSELLE PARK BORO	ELIZABETHTOWN WC	0	LINDEN ROSELLE STP	24953

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Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
5	3916	SCOTCH PLAINS TWP	ELIZABETHTOWN WC	6295	MIDDLESEX CTY STP	20141
5	3916	SCOTCH PLAINS TWP	ELIZABETHTOWN WC	0	RAHWAY VALL STP	24643
5	3917	SPRINGFIELD TWP	NJ AMER WC	4382	RAHWAY VALL STP	24643
4	3918	SUMMIT CITY	NJ AMER WC	6264	JT MTG STP	24741
5	3919	UNION TWP	NJ AMER WC	141	JT MTG STP	24741
5	3920	WESTFIELD TOWN	ELIZABETHTOWN WC	25277	RAHWAY VALL STP	24643
5	3921	WINFIELD TWP	N/A	0	RAHWAY VALL STP	24643
3	4101	ALLAMUCHY TWP	PEQUEST WC	700	SEPTICS	
7	4102	ALPHA BORO	ALPHA MUNI WW	839	PHILLIPSBURG STP	24716
3	4103	BELVIDERE TOWN	BUCKHORN SPRINGS WC	931	BELVIDERE STP	35114
3	4104	BLAIRSTON TWP	BLAIRSTOWN WC	194	SEPTICS	
7	4105	FRANKLIN TWP	N/A	0	SEPTICS	
3	4106	FRELINGHUYSEN TWP	N/A	0	SEPTICS	
7	4107	GREENWICH TWP	N/A	0	SEPTICS	
8	4108	HACKETTSTOWN TOWN	HACKETTSTOWN MUA	2303	HACKETTSTOWN MUA STP	21369
3	4109	HARDWICK TWP	N/A	0	SEPTICS	
1	4110	HARMONY TWP	N/A	0	SEPTICS	
3	4111	HOPE TWP	N/A	0	SEPTICS	
3	4112	INDEPENDENCE TWP	INDEPENDENCE MUA	37	HACKETTSTOWN MUA STP	21369
1	4113	KNOWLTON TWP	N/A	0	SEPTICS	
3	4114	LIBERTY TWP	N/A	0	SEPTICS	
1	4115	LOPATCONG TWP	GARDEN STATE WC	1154	PHILLIPSBURG STP	24716
1	4115	LOPATCONG TWP	N/A	0	SEPTICS	
8	4116	MANSFIELD TWP	DIAMOND HILL ESTATES WC	257	HACKETTSTOWN MUA STP	21369
8	4116	MANSFIELD TWP	HACKETTSTOWN MUA	90	HACKETTSTOWN MUA	21369

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Municipalities Served by Purveyors with Associated Wastewater Treatment Plants

RWRPA	County / Municipality Code	Municipality Name	Purveyor	Number of Services	Wastewater Treatment Plant (WWTP)	WWTP Permit Number
3	4117	OXFORD TWP	N/A	0	STP	
1	4118	PAHAQUARRY TWP	N/A	0	OXFORD STP	35483
1	4119	PHILLIPSBURG TWP	GARDEN STATE WC	4870	SEPTICS	
7	4120	POHATCONG TWP	ALPHA MUNI WW	50	PHILLIPSBURG STP	24716
7	4120	POHATCONG TWP	GARDEN STATE WC	925	SEPTICS	
7	4120	POHATCONG TWP	N/A	0	PHILLIPSBURG STP	24716
7	4121	WASHINGTON BORO	NJ AMER WC	1910	SEPTICS	
7	4122	WASHINGTON TWP	NJ AMER WC	828	WASHINGTON BORO STP	21113
7	4122	WASHINGTON TWP	N/A	0	WASHINGTON BORO STP	21113
7	4122	WASHINGTON TWP	N/A	0	SEPTICS	
1	4123	WHITE TWP	N/A	0	OXFORD STP	35483
1	4123	WHITE TWP	N/A	0	SEPTICS	
1	4123	WHITE TWP	N/A	0	OXFORD STP	35483
1	4123	WHITE TWP	N/A	0	BELVIDERE STP	35114

Appendix C

County/Municipality Coding List for New Jersey

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County/Municipality Coding List for New Jersey

	<i>Atlantic County</i>		
0101	Absecon City	0318	Fairview Borough
0102	Atlantic City	0319	Fort Lee Borough
0103	Brigantine City	0320	Franklin Lakes Borough
0104	Buena Borough	0321	Garfield Borough
0105	Buena Vista Township	0322	Glen Rock Borough
0106	Corbin City	0323	Hackensack City
0107	Egg Harbor City	0324	Harrington Park Borough
0108	Egg Harbor Township	0325	Hasbrouck Heights Borough
0109	Estell Manor City	0326	Haworth Borough
0110	Folsom Borough	0327	Hillsdale Borough
0111	Galloway Township	0328	Hohokus Borough
0112	Hamilton Township	0329	Leonia Borough
0113	Hammontown Town	0330	Little Ferry Borough
0114	Linwood City	0331	Lodi Borough
0115	Longport Borough	0332	Lyndhurst Township
0116	Margate City	0333	Mahwah Township
0117	Mullica Township	0334	Maywood Borough
0118	Northfield City	0335	Midland Park Borough
0119	Pleasantville City	0336	Montvale Borough
0120	Port Republic City	0337	Moonachie Borough
0121	Somers Point City	0338	New Milford Borough
0122	Ventnor City	0339	North Arlington Borough
0123	Weymouth Township	0340	Northvale Borough
		0341	Norwood Borough
		0342	Oakland Borough
		0343	Old Tappan Borough
	<i>Bergen County</i>	0344	Oradell Borough
0301	Allendale Borough	0345	Palisades Park Borough
0302	Alpine Borough	0346	Paramus Borough
0303	Bergenfield Borough	0347	Park Ridge Borough
0304	Bogota Borough	0348	Ramsey Borough
0305	Carlstadt Borough	0349	Ridgefield Borough
0306	Cliffside Park Borough	0350	Ridgefield Park Village
0307	Closter Borough	0351	Ridgewood Village
0308	Cresskill Borough	0352	River Edge Borough
0309	Demarest Borough	0353	River Vale Township
0310	Dumont Borough	0354	Rochelle Park Township
0311	Elmwood Park Borough	0355	Rockleigh Borough
0312	East Rutherford Borough	0356	Rutherford Borough
0313	Edgewater Borough	0357	Saddle Brook Township
0314	Emerson Borough	0358	Saddle River Borough
0315	Englewood City	0359	South Hackensack Township
0316	Englewood Cliffs Borough	0360	Teaneck Borough
0317	Fair Lawn Borough		

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County/Municipality Coding List for New Jersey

0361	Tenafly Borough	0532	Shamong Township
0362	Teterboro Borough	0533	Southampton Township
0363	Upper Saddle River Borough	0534	Springfield Township
0364	Waldwick Borough	0535	Tabernacle Township
0365	Wallington Borough	0536	Washington Township
0366	Washington Township	0537	Westampton Township
0367	Westwood Borough	0538	Willingboro Township
0368	Wood Ridge Borough	0539	Woodland Township
0369	Woodcliff Lake Borough	0540	Wrightstown
0370	Wyckoff Township		

Burlington County

0501	Bass River
0502	Beverly City
0503	Bordentown City
0504	Bordentown Township
0505	Burlington City
0506	Burlington Township
0507	Chesterfield Township
0508	Cinnaminson Township
0509	Delanco Township
0510	Delran Township
0511	Eastampton Township
0512	Edgewater Park Township
0513	Evesham Township
0514	Fieldsboro Township
0515	Florence Township
0516	Hainesport Township
0517	Lumberton Township
0518	Mansfield Township
0519	Maple Shade Township
0520	Medford Lakes Borough
0521	Medford Township
0522	Moorestown Township
0523	Mount Holly Township
0524	Mount Laurel Township
0525	New Hanover Township
0526	North Hanover Township
0527	Palmyra Borough
0528	Pemberton Borough
0529	Pemberton Township
0530	Riverside Township
0531	Riverton Borough

Camden County

0701	Audubon Borough
0702	Audubon Park Borough
0703	Barrington Borough
0704	Bellmawr Borough
0705	Berlin Borough
0706	Berlin Township
0707	Brooklawn Borough
0708	Camden City
0709	Cherry Hill Township
0710	Chesilhurst Borough
0711	Clementon Borough
0712	Collingswood Borough
0713	Gibbsboro Borough
0714	Gloucester City
0715	Gloucester Township
0716	Haddon Township
0717	Haddonfield Borough
0718	Haddon Heights Borough
0719	Hi-Nella Borough
0720	Laurel Springs Borough
0721	Lawnside Borough
0722	Lindenwold Borough
0723	Magnolia Borough
0724	Merchantville Borough
0725	Mount Ephraim Borough
0726	Oaklyn Borough
0727	Pennsauken Township
0728	Pine Hill Borough
0729	Pine Valley Borough
0730	Runnemede Borough
0731	Somerdale Borough
0732	Stratford Borough

Appendix C

County/Municipality Coding List for New Jersey

1522	Woodbury City	1925	Union Township
1523	Woodbury Heights Borough	1926	West Amwell Township
1524	Woolwich Township		
	Hudson County		Mercer County
1701	Bayonne City	2101	East Windsor Township
1702	East Newark Borough	2102	Ewing Township
1703	Guttenberg Township	2103	Hamilton Township
1704	Harrison Town	2104	Hightstown Borough
1705	Hoboken City	2105	Hopewell Borough
1706	Jersey City	2106	Hopewell Township
1707	Kearny Township	2107	Lawrence Township
1708	North Bergen Township	2108	Pennington Borough
1709	Secaucus Township	2109	Princeton Borough
1710	Union City	2110	Princeton Township
1711	Weehawken Township	2111	Trenton City
1712	West New York Town	2112	Washington Township
		2113	West Windsor Township
	Hunterdon County		Middlesex County
1901	Alexandria Township	2301	Carteret Borough
1902	Bethlehem Township	2302	Cranbury Township
1903	Bloomsbury Borough	2303	Dunellen Borough
1904	Califon Township	2304	East Brunswick Township
1905	Clinton Town	2305	Edison Township
1906	Clinton Township	2306	Helmetta Borough
1907	Delaware Township	2307	Highland Park Borough
1908	East Amwell Township	2308	Jamesburg Borough
1909	Flemington Borough	2309	Old Bridge Township
1910	Franklin Township	2310	Metuchen Borough
1911	Frenchtown Borough	2311	Middlesex Borough
1912	Glen Gardner Borough	2312	Milltown Borough
1913	Hampton Borough	2313	Monroe Township
1914	High Bridge Borough	2314	New Brunswick City
1915	Holland Township	2315	North Brunswick Township
1916	Kingswood Township	2316	Perth Amboy City
1917	Lambertville City	2317	Piscataway Township
1918	Lebanon Borough	2318	Plainsboro Township
1919	Lebanon Township	2319	Sayreville Borough
1920	Milford Borough	2320	South Amboy City
1921	Raritan Township	2321	South Brunswick Township
1922	Readington Township	2322	South Plainfield Borough
1923	Stockton Borough	2323	South River Borough
1924	Tewksbury Township	2324	Spotswood Borough

Appendix C

County/Municipality Coding List for New Jersey

2325	Woodbridge Township	2541	Roosevelt Borough
		2542	Rumson Borough
	<i>Monmouth County</i>	2543	Sea Bright Borough
2501	Allenhurst Borough	2544	Sea Girt Borough
2502	Allentown Borough	2545	Shrewsbury Borough
2503	Asbury Park City	2546	Shrewsbury Township
2504	Atlantic Highlands Borough	2547	South Belmar Borough
2505	Avon By The Sea Borough	2548	Spring Lake Borough
2506	Belmar Borough	2549	Spring Lake Heights Borough
2507	Bradley Beach Borough	2550	Union Beach Borough
2508	Brielle Borough	2551	Upper Freehold Township
2509	Colts Neck Township	2552	Wall Township
2510	Deal Borough	2553	West Long Branch Township
2511	Eatontown Borough		
2512	Englishtown Borough		<i>Morris County</i>
2513	Fair Haven Borough	2701	Boontown Town
2514	Farmingdale Borough	2702	Boontown Township
2515	Freehold Borough	2703	Butler Borough
2516	Freehold Township	2704	Chatham Borough
2517	Highland Borough	2705	Chatham Township
2518	Holmdel Borough	2706	Chester Borough
2519	Howell Township	2707	Chester Township
2520	Interlaken Borough	2708	Denville Township
2521	Keansburg Borough	2709	Dover Town
2522	Keyport Borough	2710	East Hanover Township
2523	Little Silver Borough	2711	Florham Park Borough
2524	Loch Harbour Village	2712	Hanover Township
2525	Long Branch City	2713	Harding Township
2526	Manalapan Township	2714	Jefferson Township
2527	Manasquan Borough	2715	Kinnelon Borough
2528	Marlboro Township	2716	Lincoln Park Borough
2529	Matawan Township	2717	Madison Borough
2530	Aberdeen Township	2718	Mendham Borough
2531	Middletown Township	2719	Mendham Township
2532	Millstone Township	2720	Mine Hill Township
2533	Monmouth Beach Borough	2721	Montville Township
2534	Neptune Township	2722	Morris Township
2535	Neptune City Borough	2723	Morris Plains Borough
2536	Tinton Falls Borough	2724	Morristown Town
2537	Ocean Township	2725	Mountain Lakes Borough
2538	Oceanport Borough	2726	Mount Arlington Borough
2539	Hazlet Township	2727	Mount Olive Township
2540	Red Bank Borough	2728	Netcong Borough

Appendix C
County/Municipality Coding List for New Jersey

4118	Pahaquarry Township
4119	Phillipsburg Township
4120	Pohatcong Township
4121	Washington Borough
4122	Washington Township
4123	White Township

Appendix D

Surface/Ground Water Coding List for New Jersey

APPENDIX D

Surface and Ground Water Coding List for New Jersey

GROUND WATER CODES

RECENT		Conglomerate	GTRCG
Surficial Deposits	GRS		
PLEISTOCENE		DEVONIAN	
Glacial Undifferentiated	GQGU	Undifferentiated	GD
Stratified Drift	QSD	SILURIAN	
Terminal Moraine	GQTM	Bossardville Limestone	GSBD
Bridgeton	GQBS	Decker Formation	GSDK
Cape May	GQCM	Longwood Shale	GSLs
Holly Beach Member	GQCHB	Poxono Island Formation	GSPI
Estuarine Sand	GQES	Greenpond Conglomerate	GSGP
Pennsauken	GQPS	High Falls	GSHF
		Shawangunk Formation	GSSG
TERTIARY		ORDOVICIAN	
Beacon Hill	GTBH	Martinsburg Formation	GOMB
Cohansey	GTCH	Jacksonburg Formation	GOJB
Cohansey & Kirkwood	GTCK	Kittatinny Group	GOK
Kirkwood	GTKW	Outleane Formation	GOKO
Upper	GTKWU	Harmonyvale Member	GOKOH
Rio Grande	GTKRG	Beaver Run Member	GOKOB
Lower	GTKWL	Epler	GOKE
Piney Point Member	GTKPP	Rickenbach	GOKR
Shark River Marl	GTSR	CAMBRO ORDOVICIAN	
Manasquan Marl	GTMQ	Kittatinny Formation	GCOK
Vincetown Sand	GTVT		
Hornerstown Marl	GTHT	CAMBRIAN	
CRETACEOUS		Hardyston Quartzite	GCH
Red Bank	GKRB	Allentown Formation	GCKA
Navesink	GKNS	Upper Member	GCKU
Mount Laurel	GKML	Limeport Member	GCKLP
Wenonah	GKWE	Leithsville Formation	GCKL
Mount Laurel & Wenonah	GKMW	Walkill Member	GCKLW
Marshalltown	GKMT	Hamburg Member	GCKLH
Englishtown	GKET	Califon Member	GCKLC
Woodbury	GKWB	PRECAMBRIAN	
Merchantville	GKMV	Granite	GPCGR
Magothy	GKM	Gneiss	GPCGN
Old Bridge	GKROB	Undifferentiated	GPC
Raritan	GKR	Franklin Limestone	GPCFL
Sayreville Sand	GKRSS		
Farrington	GKRF		
Raritan/Magothy	GKMR		
Potomac	GKP		
TRIASSIC			
Brunswick Formation	GTRB		
Lokatong Formation	GTRL		
Stockton Formation	GTRS		
Basalt	GTRBS		
Diabase	GTRDB		

APPENDIX D

Surface and Ground Water Coding List for New Jersey

SURFACE WATER CODES

DELAWARE RIVER BASIN

Unknown or Non-Specific	SD
Allows Creek	SDALL
Alexsocken Creek	SDALE
Assiscunk Creek	SDASC
Assunpink Creek	SDASP
Big Timber Creek	SDBIG
Blacks Creek	SDBLA
Cooper's Creek	SDCOO
Crafts Creek	SDCRA
Crosswicks Creek	SDCRO
Delaware River	SDDEL
Flat Brook	SDFLA
Hakihokake Creek	SDHAK
Harihokake Creek	SDHAR
Jacob's Creek	SDJAC
Lockatong Creek	SDLOC
Lopatcong Creek	SDLOP
Mantua Creek	SDMNT
Musconetcong River	SDMUS
Nichisakawick Creek	SDNIC
Old Man's Creek	SDOLD
Paulins Kill	SDPAU
Pennsauken Creek	SDPEN
Pequest River	SDPST
Pohatcong Creek	SDPOH
Raccoon Creek	SDRAC
Rancocas Creek	SDRAN
Salem River	SDSAL
Wickecheoke Creek	SDWIC

RARITAN RIVER BASIN

Unknown or Non-Specific	SR
Lawrence Brook	SRLAW
Lower Raritan	SRLow
Millstone River	SRMIL
North Branch Raritan	SRNBR
South Branch Raritan	SRSBR
South River	SRSRV

PASSAIC RIVER BASIN

Unknown or Non-Specific	SP
Canoe Brook	SPCAN
Lower Mid-Passaic River	SPLMP
Lower Passaic	SPLOW
Passaic River	SPPAS
Peckman River	SPPEC
Pequannock River	SPPNK
Pompton River	SPPOM
Ramapo River	SPRAM
Rockaway River	SPROC

Saddle River	SPSAD
Upper Mid-Passaic River	SPUMP
Upper Passaic River	SPUPP
Wanaque River	SPWAN
Whippany River	SPWHI

ATLANTIC COASTAL BASIN

Unknown or Non-Specific	SC
Atlantic County Coastal	SCATL
Cape May County Coastal	SCCAP
Cedar Creek	SCCED
Great Egg Harbor River	SCGRE
Manasquan River	SCMSQ
Metedeconk River	SCMET
Monmouth County Coastal	SCMON
Mullica River	SCMUL
Navesink River	SCNAV
Ocean County Coastal	SCOCE
Raritan Bay	SCRAR
Shark River	SCSHA
Shrewsbury River	SCSHR
Toms River	SCTOM
Tuckahoe River	SCTUC

HUDSON RIVER BASIN

Unknown or Non-Specific	SH
Hudson River	SHHUD
Papakating Creek	SH PAP
Pochuck Creek	SHPOC
Wallkill River	SHWAL

HACKENSACK RIVER BASIN

Unknown or Non-Specific	SK
Hackensack River	SKHAC

RAHWAY RIVER BASIN

Unknown or Non-Specific	SY
Rahway River	SYRAH

ELIZABETH RIVER BASIN

Unknown or Non-Specific	SE
Elizabeth River	SEELI

DELAWARE BAY BASIN

Unknown or Non-Specific	SB
Cohansey River	SBCOH
Maurice River	SBMAU
Stow Creek	SBSTO

Appendix E

Municipality Names with Regional Water Resource Planning Areas and County/Municipality Codes

Appendix E
Municipality Names with County/Municipality Codes and
RWRPA

Municipality Name	County /Municipal Code	RWRPA
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A

Aberdeen Township	2530	12
Absecon City	0101	18
Alexandria Township	1901	9
Allamuchy Township	4101	3
Allendale Borough	0301	5
Allenhurst Borough	2501	12
Allentown Borough	2502	14
Alloway Township	3301	20
Alpha Borough	4102	7
Alpine Borough	0302	6
Andover Borough	3702	3
Andover Township	3701	3
Asbury Park City	2503	12
Atlantic City	0102	18
Atlantic Highlands Borough	2504	12
Audubon Borough	0701	17
Audubon Park Borough	0702	17
Avalon Borough	0901	23
Avon By The Sea Borough	2505	12

B

Barnegat Light Borough	2901	19
Barnegat Township	2933	19
Barrington Borough	0703	17
Bass River	0501	18
Bay Head Borough	2902	15
Bayonne City	1701	5
Beach Haven Borough	2903	19
Beachwood Borough	2904	16
Bedminster Township	3501	10
Belleville Town	1301	5
Bellmawr Borough	0704	17
Belmar Borough	2506	12
Belvedere Town	4103	3
Bergenfield Borough	0303	6
Berkeley Heights Township	3901	4

Appendix E
Municipality Names with County/Municipality Codes and RWRPA

Municipality Name	County /Municipal Code	RWRPA
Berkeley Township	2905	16
Berlin Borough	0705	14
Berlin Township	0706	22
Bernards Township	3502	4
Bernardsville Borough	3503	10
Bethlehem Township	1902	10
Beverly City	0502	14
Blairstown Township	4104	3
Bloomfield Town	1302	5
Bloomington Borough	3101	4
Bloomsbury Borough	1903	8
Bogota Borough	0304	6
Boonton Town	2701	4
Boonton Township	2702	4
Bordentown City	0503	14
Bordentown Township	0504	14
Bound Brook Borough	3504	10
Bradley Beach Borough	2507	12
Branchburg Township	3505	10
Branchville Borough	3703	3
Brick Township	2906	15
Bridgeton City	1101	21
Bridgewater Township	3506	10
Brielle Borough	2508	13
Brigantine City	0103	18
Brooklawn Borough	0707	17
Buena Borough	0104	22
Buena Vista Township	0105	22
Burlington City	0505	14
Burlington Township	0506	14
Butler Borough	2703	4
Byram Borough	3704	8
C		
Caldwell Borough	1303	4
Califon Township	1904	10
Camden City	0708	17

Appendix E
Municipality Names with County/Municipality Codes and RWRPA

Municipality Name	County /Municipal Code	RWRPA
Cape May City	0902	23
Cape May Point Borough	0903	23
Carlstadt Borough	0305	6
Carney's Point Township	3313	20
Carteret Borough	2301	5
Cedar Grove Township	1304	5
Chatham Borough	2704	4
Chatham Township	2705	4
Cherry Hill Township	0709	17
Chesilhurst Borough	0710	18
Chester Borough	2706	10
Chester Township	2707	10
Chesterfield Township	0507	14
Cinnaminson Township	0508	17
Clark Township	3902	5
Clayton Borough	1501	21
Clementon Borough	0711	17
Cliffside Park Borough	0306	6
Clifton City	3102	5
Clinton Town	1905	10
Clinton Township	1906	10
Closter Borough	0307	6
Collingswood Borough	0712	17
Colts Neck Township	2509	12
Commercial Township	1102	21
Corbin City	0106	22
Cranbury Township	2302	10
Cranford Township	3903	5
Cresskill Borough	0308	6
D		
Deal Borough	2510	12
Deerfield Township	1103	21
Delanco Township	0509	14
Delaware Township	1707	9
Delran Township	0510	17
Demarest Borough	0309	6

Appendix E
Municipality Names with County/Municipality Codes and RWRPA

Municipality Name	County /Municipal Code	RWRPA
Dennis Township	0904	23
Denville Township	2708	4
Deptford Township	1502	17
Dover Town	2709	4
Dover Township	2907	16
Downe Township	1104	21
Dumont Borough	0310	6
Dunellen Borough	2303	10
<u>E</u>		
Eagleswood Township	2908	19
East Amwell Township	1908	10
East Brunswick Township	2304	11
East Greenwich Township	1503	17
East Hanover Township	2710	4
East Newark Borough	1702	5
East Orange City	1305	5
East Rutherford Borough	0312	6
East Windsor Township	2101	10
Eastampton Township	0511	14
Eatontown Borough	2511	12
Edgewater Borough	0313	6
Edgewater Park Township	0512	14
Edison Township	2305	10
Egg Harbor City	0107	18
Egg Harbor Township	0108	18
Elizabeth City	3904	5
Elk Township	1504	21
Elmer Borough	3302	21
Elmwood Park Borough	0311	5
Elsinborough Township	3303	20
Emerson Borough	0314	6
Englewood City	0315	6
Englewood Cliffs Borough	0316	6
Englishtown Borough	2512	11
Essex Fells Borough	1306	4
Estell Manor City	0109	22

Appendix E
Municipality Names with County/Municipality Codes and RWRPA

Municipality Name	County /Municipal Code	RWRPA
Evesham Township	0513	14
Ewing Township	2102	14
F		
Fair Haven Borough	2513	12
Fair Lawn Borough	0317	5
Fairfield Borough	1307	4
Fairfield Township	1105	21
Fairview Borough	0318	6
Fanwood Borough	3905	5
Far Hills Borough	3507	10
Farmingdale Borough	2514	13
Fieldsboro Borough	0514	14
Flemington Borough	1909	10
Florence Township	0515	14
Florham Park Borough	2711	4
Folsom Borough	0110	22
Fort Lee Borough	0319	6
Frankford Borough	3706	3
Frankford Township	3705	3
Franklin Lakes Borough	0620	4
Franklin Township	1910	10
Franklin Township	4105	7
Franklin Township	3508	10
Franklin Township	1505	21
Fredon Township	3707	3
Freehold Borough	2515	13
Freehold Township	2516	13
Frelinghuysen Township	4106	3
Frenchtown Borough	1911	9
G		
Galloway Township	0111	18
Garfield Borough	0321	5
Garwood Borough	3906	5
GibbsBorough Borough	0713	17
GlassBorough Borough	1506	21
Glen Gardner Borough	1912	10

Appendix E
Municipality Names with County/Municipality Codes and
RWRPA

Municipality Name	County /Municipal Code	RWRPA
Glen Ridge Borough	1308	5
Glen Rock Borough	0322	5
Gloucester City	0714	17
Gloucester Township	0715	17
Green Township	3708	3
Greenbrook Township	3509	10
Greenwich Township	4107	7
Greenwich Township	1507	17
Greenwich Township	1106	21
Guttenberg Township	1703	6
H		
Hackensack City	0323	6
Hackettstown Town	4108	8
Haddon Heights Borough	0718	17
Haddon Township	0716	17
Haddonfield Borough	0717	17
Hainesport Township	0516	14
Haledon Borough	3103	5
Hamburg Borough	3709	3
Hamilton Township	0112	22
Hamilton Township	2103	14
Hammontown Town	0113	18
Hampton Borough	1913	8
Hampton Township	3710	3
Hanover Township	2712	4
Harding Township	2713	4
Hardwick Township	4109	3
Hardyston Township	3711	3
Harmony Township	4110	1
Harrington Park Borough	0324	6
Harrison Town	1704	5
Harrison Township	1508	20
Harvey Cedars Borough	2909	19
Hasbrouck Heights Borough	0325	6
Haworth Borough	0326	6
Hawthorne Borough	3104	5

Appendix E
Municipality Names with County/Municipality Codes and
RWRPA

Municipality Name	County /Municipal Code	RWRPA
Hazlet Township	2539	12
Helmetta Borough	2306	11
High Bridge Borough	1914	10
Highland Borough	2517	12
Highland Park Borough	2307	10
Hightstown Borough	2104	10
Hillsborough Township	3510	10
Hillsdale Borough	0327	6
Hillside Township	3907	5
Hi-Nella Borough	0719	17
Hoboken City	1705	6
Hohokus Borough	0328	5
Holland Township	1915	9
Holmdel Borough	2518	12
Hopatcong Township	3712	8
Hope Township	4111	3
Hopewell Borough	2105	10
Hopewell Township	1107	21
Hopewell Township	2106	10
Howell Township	2519	13
<u>I</u>		
Independence Township	4112	3
Interlaken Borough	2520	12
Irvington Town	1309	5
Island Heights Borough	2910	16
<u>J</u>		
Jackson Township	2911	16
Jamesburg Borough	2308	11
Jefferson Township	2714	4
Jersey City	1706	6
<u>K</u>		
Keansburg Borough	2521	12
Kearny Township	1707	5
Kenilworth Borough	3908	5
Keyport Borough	2522	12
Kingswood Township	1916	9

Appendix E
Municipality Names with County/Municipality Codes and
RWRPA

Municipality Name	County /Municipal Code	RWRPA
Kinnelon Borough	2715	4
Knowlton Township	4113	1
<u>L</u>		
Lacey Township	2912	19
Lafayette Township	3713	3
Lakehurst Borough	2913	16
Lakewood Township	2914	15
Lambertville City	1917	9
Laurel Springs Borough	0720	17
Lavalette Borough	2915	15
Lawnside Borough	0721	17
Lawrence Township	2107	14
Lawrence Township	1108	21
Lebanon Township	1919	10
Lenanon Borough	1918	10
Leonia Borough	0329	6
Liberty Township	4114	3
Lincoln Park Borough	2716	4
Linden City	3909	5
Lindenwold Borough	0722	17
Linwood City	0114	18
Little Egg Harbor Township	2916	19
Little Falls Township	3105	5
Little Ferry Borough	0330	6
Little Silver Borough	2523	12
Livingston Township	1310	4
Loch Arbour Village	2524	12
Lodi Borough	0331	5
Logan Township	1509	20
Long Beach Township	2917	19
Long Branch City	2525	12
Longport Borough	0115	18
Lopatcong Township	4115	1
Lower Alloway Creek Township	3304	20
Lower Township	0905	23
Lumberton Township	0517	14

Appendix E
Municipality Names with County/Municipality Codes and
RWRPA

Municipality Name	County /Municipal Code	RWRPA
Lyndhurst Borough	0332	6
<u>M</u>		
Madison Borough	2717	4
Magnolia Borough	0723	17
Mahwah Township	0333	4
Manalapan Township	2526	11
Manasquan Borough	2527	13
Manchester Township	2918	16
Mannington Township	3305	20
Mansfield Township	4116	8
Mansfield Township	0518	14
Mantaloking Borough	2919	15
Mantua Township	1510	17
Manville Borough	3511	10
Maple Shade Township	0519	17
Maplewood Township	1311	5
Margate City	0116	18
Marlborough Township	2528	11
Matawan Borough	2529	12
Maurice River Township	1109	21
Maywood Borough	0334	6
Medford Lakes Borough	0520	14
Medford Township	0521	14
Mendham Borough	2718	10
Mendham Township	2719	4
Merchantville Borough	0724	17
Metuchen Borough	2310	10
Middle Township	0906	23
Middlesex Borough	2311	10
Middletown Township	2531	12
Midland Park Borough	0335	5
Milford Borough	1920	9
Millburn Township	1312	5
Millstone Borough	3512	10
Millstone Township	2532	10
Milltown Borough	2312	11

Appendix E
Municipality Names with County/Municipality Codes and
RWRPA

Municipality Name	County /Municipal Code	RWRPA
Millville City	1110	21
Mine Hill Township	2720	4
Monmouth Beach Borough	2533	12
Monroe Township	1511	22
Monroe Township	2313	11
Montague Township	3714	1
Montclair Town	1313	5
Montgomery Township	3513	10
Montvale Borough	0336	6
Montville Township	2721	4
Moonachie Borough	0337	6
Moorestown Township	0522	17
Morris Plains Borough	2723	4
Morris Township	2722	4
Morristown Town	2724	4
Mount Arlington Borough	2726	4
Mount Ephraim Borough	0725	17
Mount Holly Township	0523	14
Mount Laurel Township	0524	14
Mount Olive Township	2727	10
Mountain Lakes Borough	2725	4
Mountainside Borough	3910	5
Mullica Township	0117	18
N		
National Park Borough	1512	17
Neptune City Borough	2535	12
Neptune Township	2534	12
Netcong Borough	2728	8
New Brunswick City	2314	10
New Hanover Township	0525	14
New Milford Borough	0338	6
New Providence Borough	3911	4
Newark City	1314	5
Newfield Borough	1513	21
Newton Township	3715	3
North Arlington Borough	0339	6

Appendix E
Municipality Names with County/Municipality Codes and
RWRPA

Municipality Name	County /Municipal Code	RWRPA
North Bergen Township	1708	6
North Brunswick Township	2315	11
North Caldwell Borough	1315	4
North Haledon Borough	3106	5
North Hanover Township	0526	14
North Plainfield Borough	3514	10
North Wildwood City	0907	23
Northfield City	0118	18
Northvale Borough	0340	6
Norwood Borough	0341	6
Nutley Town	1316	5
<u>O</u>		
Oakland Borough	0342	4
Oaklyn Borough	0726	17
Ocean City	0908	23
Ocean Gate Borough	2921	16
Ocean Township	2920	19
Ocean Township	2537	12
Oceanport Borough	2538	12
Ogdensburg Township	3716	3
Old Bridge Township	2309	11
Old Tappan Borough	0343	6
Olmans Township	3306	20
Oradell Borough	0344	6
Orange City	1317	5
Oxford Township	4107	3
<u>P</u>		
Pahaquarry Township	4118	1
Palisades Park Borough	0345	6
Palmyra Borough	0527	17
Paramus Borough	0346	5
Park Ridge Borough	0347	6
Parsipanny Troy-Hills Township	2729	4
Passaic City	3107	5
Passaic Township	2730	4
Paterson City	3108	5

Appendix E
Municipality Names with County/Municipality Codes and
RWRPA

Municipality Name	County /Municipal Code	RWRPA
Paulsboro Borough	1514	17
Peapack-Gladstone Borough	3515	10
Pemberton Borough	0528	14
Pemberton Township	0529	14
Pennington Borough	2108	10
Penns Grove Borough	3307	20
Pennsauken Township	0727	17
Pennsville Two	3308	20
Pequannock Township	2731	4
Perth Amboy City	2316	5
Phillipsburg Township	4119	1
Pilesgrove Township	3309	20
Pine Beach Borough	2922	16
Pine Hill Borough	0728	17
Pine Valley Borough	0729	17
Piscataway Township	2317	10
Pitman Borough	1515	17
Pittsgrove Township	3310	21
Plainfield City	3912	10
Plainsborough Township	2318	10
Pleasantville City	0119	18
Plumstead Township	2923	14
Pohatcong Township	4120	7
Point Pleasant Beach Borough	2925	13
Point Pleasant Borough	2924	15
Pompton Lakes Borough	3109	4
Port Republic City	0120	18
Princeton Borough	2109	10
Princeton Township	2110	10
Prospect Park Borough	3110	5
Q		
Quinton Township	3311	20
R		
Rahway City	3913	5
Ramsey Borough	0348	5
Randolph Township	2732	10

Appendix E
Municipality Names with County/Municipality Codes and RWRPA

Municipality Name	County /Municipal Code	RWRPA
Raritan Borough	3516	10
Raritan Township	1921	10
Readington Township	1922	10
Red Bank Borough	2540	12
Ridgefield Borough	0349	6
Ridgefield Park Village	0350	6
Ridgewood Village	0351	5
Ringwood Borough	3111	4
River Edge Borough	0352	6
River Vale Township	0353	6
Riverdale Borough	2733	4
Riverside Township	0530	14
Riverton Borough	0531	17
Rochelle Park Township	0354	5
Rockaway Borough	2734	4
Rockaway Township	2735	4
Rockleigh Borough	0355	6
Rocky Hill Borough	3517	10
Roosevelt Borough	2541	14
Roseland Borough	1318	4
Roselle Borough	3914	5
Roselle Park Borough	3915	5
Roxbury Township	2736	10
Rumson Borough	2542	12
Runnemede Borough	0730	17
Rutherford Borough	0356	6
S		
Saddle Brook Township	0357	5
Saddle River Borough	0358	5
Salem City	3312	20
Sandyston Township	3717	2
Sayreville Borough	2319	11
Scotch Plains Township	3916	5
Sea Bright Borough	2543	12
Sea Girt Borough	2544	12
Sea Isle City	0909	23

Appendix E
Municipality Names with County/Municipality Codes and
RWRPA

Municipality Name	County /Municipal Code	RWRPA
Seaside Heights Borough	2926	15
Seaside Park Borough	2927	19
Secaucus Township	1709	6
Shamong Township	0532	18
Shiloh Borough	1111	21
Ship Bottom Borough	2928	19
Shrewsbury Borough	2545	12
Shrewsbury Township	2546	12
Somerdale Borough	0731	17
Somers Point City	0121	18
Somerville Borough	3518	10
South Amboy City	2320	10
South Belmar Borough	2547	12
South Bound Brook Borough	3519	10
South Brunswick Township	2321	11
South Hackensack Township	0359	5
South Harrison Township	1516	20
South Orange Village	1319	5
South Plainfield Borough	2322	10
South River Borough	2323	11
South Toms River Borough	2929	16
Southampton Township	0533	14
Sparta Township	3718	3
Spotswood Borough	2324	11
Spring Lake Borough	2548	12
Spring Lake Heights Borough	2549	12
Springfield Township	3917	5
Springfield Township	0534	14
Stafford Township	2930	19
Stanhope Borough	3719	8
Stillwater Township	3720	3
Stockton Borough	1923	9
Stone Harbor Borough	0910	23
Stow Creek Township	1112	20
Stratford Borough	0732	17
Summit City	3918	4

Appendix E
Municipality Names with County/Municipality Codes and
RWRPA

Municipality Name	County /Municipal Code	RWRPA
Surf City Borough	2931	19
Sussex Borough	3721	3
Swedesboro Borough	1517	20
<u>T</u>		
Tabernacle Township	0535	18
Tavistock Borough	0733	17
Teaneck Borough	0360	6
Tenafly Borough	0361	6
Teterborough Borough	0362	6
Tewksbury Township	1924	10
Tinton Falls Borough	2536	12
Totowa Borough	3112	5
Trenton City	2111	14
Tuckerton Township	2932	19
<u>U</u>		
Union Beach Borough	2550	12
Union City	1710	6
Union Township	3919	5
Union Township	1925	10
Upper Deerfield Township	1113	21
Upper Freehold Township	2551	14
Upper Pittsgrove Township	3314	21
Upper Saddle River Borough	0363	5
Upper Township	0911	23
<u>V</u>		
Ventnor City	0122	18
Vernon Township	3722	3
Verona Borough	1320	5
Victory Gardens Borough	2737	4
Vineland City	1114	21
Voorhees Township	0734	17
<u>W</u>		
Waldwick Borough	0364	5
Wall Township	2552	12
Wallington Borough	0365	5
Walpack Township	3723	2

Appendix E
Municipality Names with County/Municipality Codes and RWRPA

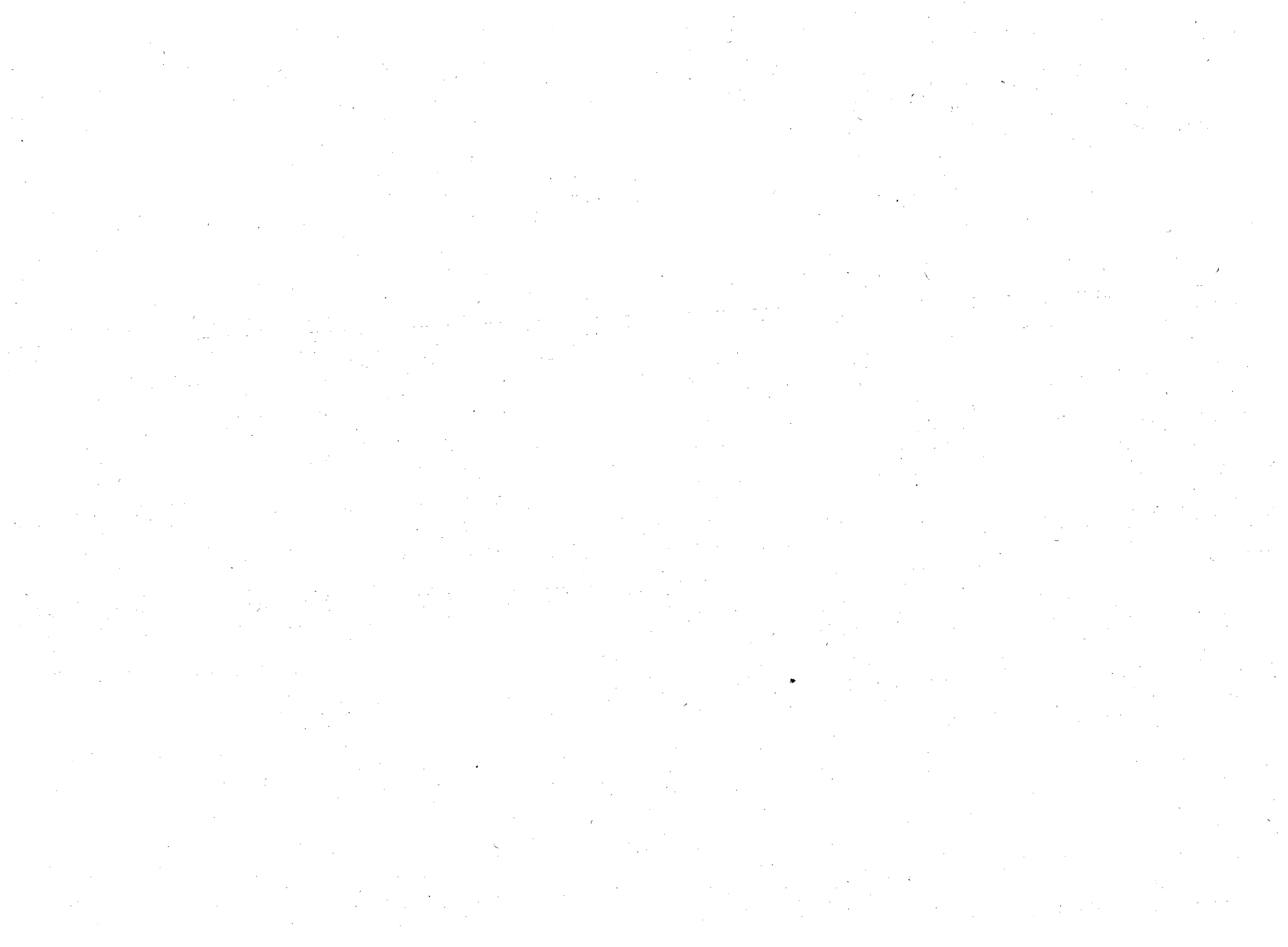
Municipality Name	County /Municipal Code	RWRPA
Wanaque Borough	3113	4
Wantage Township	3724	3
Warren Township	3520	4
Washington Borough	4121	7
Washington Township	0536	18
Washington Township	1518	17
Washington Township	2112	14
Washington Township	2738	10
Washington Township	4122	7
Washington Township	0366	6
Watchung Borough	3521	10
Waterford Borough	0735	18
Wayne Township	3114	4
Weehawken Township	1711	6
Wenonah Borough	1519	17
West Amwell Township	1926	9
West Caldwell Borough	1321	4
West Cape May Borough	0912	23
West Deptford Township	1520	17
West Long Branch Township	2553	12
West Milford Township	3115	4
West New York Town	1712	6
West Orange Town	1322	5
West Paterson Borough	3116	5
West Wildwood City	0913	23
West Windsor Township	2113	10
Westampton Township	0537	14
Westfield Town	3920	5
Westville Borough	1521	17
Westwood Borough	0367	6
Weymouth Township	0123	22
Wharton Borough	2739	4
White Township	4123	1
Wildwood City	0914	23
Wildwood Crest Borough	0915	23
Willingboro Township	0538	14

Appendix E
Municipality Names with County/Municipality Codes and RWRPA

Municipality Name	County /Municipal Code	RWRPA
Winfield Township	3921	5
Winslow Township	0736	22
Wood Ridge Borough	0368	6
Woodbine Borough	0916	23
Woodbridge Township	2325	5
Woodbury City	1522	17
Woodbury Heights Borough	1523	17
Woodcliff Lake Borough	0369	6
Woodland Township	0539	18
Woodlynn Borough	0737	17
Woodstown Borough	3315	20
Woolwich Township	1524	20
Wrightstown	0540	14
Wyckoff Township	0370	5

Appendix F

Surface Water Diversion Purveyors with Municipalities Served



Appendix F Surface Water Diversion Purveyors with Municipalities Served

WATER ALLOCATION PERMIT NUMBER	PURVEYOR NAME (1)	SOURCE DIVERSION* (multiple sources) (2)	CATEGORY & TYPE DIVERSION (3)	DIVERSION LOCATION (4)	RWRPA NO. (5)	ACTUAL AVERAGE ANNUAL WITHDRAWAL (MGD) (6)	UTILIZATION AREA (6)	NJPDES PERMIT NUMBER (7)	WASTE WATER TREATMENT PLANT (WWTP)	DISCHARGE LOCATION (8)	SPECIFIC DISCHARGE LOCATION (9)	(10)	TOTAL DEPLETIVE WATER USE (MGD) (10)
5002	BRANCHVILLE BORO WD	SD	PS	3705	3	0.047	FRANKFORD TWP	N/A	SEPTICS/ BRANCHVILLE	3705	WAOS		
5008	NEW JERSEY - AMERICAN W.C.	SPUPP/CAN	PS	1312	5	1.063	BERNARDS TWP	22845	HARRISON BROOK STP	3502	OAS	4	1.063
5008	NEW JERSEY - AMERICAN W.C.	SPUPP/CAN	PS	1312	5	1.847	NEW PROVIDENCE BORO	21636	NEW PROVIDENCE STP	3911	OAS	4	1.847
5008	NEW JERSEY - AMERICAN W.C.	SPUPP/CAN	PS	1312	5	1.242	CHATHAM TWP	20290	CHATHAM TWP. STP	2705	OAS	4	1.242
5008	NEW JERSEY - AMERICAN W.C.	SPUPP/CAN	PS	1312	5	1.75	BERKELEY HEIGHTS TWP	27961	BERKELEY HEIGHTS STP	3901	OAS	4	1.750
5008	NEW JERSEY - AMERICAN W.C.	SPUPP/CAN	PS	1312	5	0.129	BEDMINISTER TWP	28495	BEDMINISTER STP	3501	OAS	10	0.129
5008	NEW JERSEY - AMERICAN W.C.	SPUPP/CAN	PS	1312	5	2.169	SPRINGFIELD TWP	24643	RAHWAY VALLEY STP	3913	OB		2.169
5008	NEW JERSEY - AMERICAN W.C.	SPUPP/CAN	PS	1312	5	0.706	BERNARDSVILLE BORO	26387	BERNARDSVILLE STP	3503	OAS	10	0.706
5008	NEW JERSEY - AMERICAN W.C.	SPUPP/CAN	PS	1312	5	1.003	PASSAIC TWP	24465	PASSAIC TWP. STP	2730	OAS	4	1.003
5008	NEW JERSEY - AMERICAN W.C.	SPUPP/CAN	PS	1312	5	10.191	UNION TWP	24741	JT MTG STP	3904	OB		10.191
							IRVINGTON TOWN						
							MAPLEWOOD TWP						
							MILLBURN TWP						
							WEST ORANGE TOWN						
							SUMMIT CITY						
5018	NEW JERSEY - AMERICAN W.C.	*SCNAV	PS	2531	12	0.322	HOLMDEL BORO	N/A	SEPTICS/HOLMDEL BORO	2518	WAOS		
5018	NEW JERSEY - AMERICAN W.C.	*SCNAV	PS	2531	12	3.538	OCEAN TWP	24520	OCEAN TWP STP	2537	OB		3.538
							INTERLAKEN BORO						
							LOCH HARBOUR VILLAGE						
5018	NEW JERSEY - AMERICAN W.C.	*SCNAV	PS	2531	12	6.814	WEST LONG BRANCH TWP	28735	NE MONMOUTH REG STP	2533	OB		6.814
							EATONTOWN BORO						
							FAIR HAVEN BORO						
							LITTLE SILVER BORO						
							MONMOUTH BEACH BORO						
							TINTON FALLS BORO						
							OCEANPORT BORO						
							RUMSON BORO						
							SEA BRIGHT BORO						
5018	NEW JERSEY - AMERICAN W.C.	*SCNAV	PS	2531	12	0.990	ABERDEEN TWP	22535	CLIFFWOOD BEACH STP	2529	WAIS		

Appendix F Surface Water Diversion Purveyors with Municipalities Served

WATER ALLOCATION PERMIT NUMBER	PURVEYOR NAME (1)	SOURCE DIVERSION* multiple sources (2)	CATEGORY & TYPE DIVERSION (3)	DIVERSION LOCATION (4)	RWRPA NO. (5)	ACTUAL AVERAGE ANNUAL WITHDRAWAL (MGD) (6)	UTILIZATION AREA (8)	NJPDES PERMIT NUMBER (7)	WASTE WATER TREATMENT PLANT (WWTP)	DISCHARGE LOCATION (9)	SPECIFIC DISCHARGE LOCATION (10)	TOTAL DEPLETIVE WATER USE (MGD) (11)
								22543	STRATHMORE STP	2529	WAIS	
								22829	RIVER GARDENS STP	2529	WAIS	
5018	NEW JERSEY - AMERICAN W.C.	*SCNAV	PS	2531	12	8.545	MIDDLETOWN TWP	25356	MIDDLETOWN STP	2531	OB	8.545
5018	NEW JERSEY - AMERICAN W.C.	*SCNAV	PS	2531	12	4.632	NEPTUNE CITY BORO BRADLEY BEACH BORO NEPTUNE TWP	24872	NEPTUNE TWP REG STP	2534	OB	4.632
5018	NEW JERSEY - AMERICAN W.C.	*SCNAV	PS	2531	12	1.654	ASBURY PARK CITY	25241	ASBURY PARK STP	2503	OB	1.654
5018	NEW JERSEY - AMERICAN W.C.	*SCNAV	PS	2531	12	4.306	LONG BRANCH CITY	24783	LONG BRANCH STP	2525	OB	4.306
5033	ELIZABETHTOWN WC	SR	PS	3506	10	0.128	WINFIELD TWP	24643	RAHWAY VALLEY STP	3913	OB	5 0.128
5033	ELIZABETHTOWN WC	SR	PS	3506	10	0.359	MANVILLE BORO	28762	MANVILLE STP	3511	WAIS	
5033	ELIZABETHTOWN WC	SR	PS	3506	10	8.411	WATCHUNG BORO BOUND BROOK BORO BRANCHBURG TWP BRIDGEWATER TWP HILLSBOROUGH TWP RARITAN BORO SOMERVILLE BORO SOUTH BOUND BROOK BORO WARREN TWP	24864	SOMERSET-RARITAN STP	3506	WAIS	
5033	ELIZABETHTOWN WC	SR	PS	3506	10	0.371	LAWRENCE TWP	24759	ELSA STP	2102	OAS	14 0.371
5033	ELIZABETHTOWN WC	SR	PS	3506	10	1.122	HIGHLAND PARK BORO	20141	MIDDLESEX CTY STP	2319	OB	11 1.122
5033	ELIZABETHTOWN WC	SR	PS	3506	10	0.314	PEAPACK-GLADSTONE BORO	21881	PEAPACK STP	3515	WAIS	
5033	ELIZABETHTOWN WC	SR	PS	3506	10	5.293	FRANKLIN TWP	20141	MIDDLESEX CTY STP	2319	OB	11 5.293
5033	ELIZABETHTOWN WC	SR	PS	3506	10	0.589	SOUTH BRUNSWICK TWP	20141	MIDDLESEX CTY STP	2319	OB	11 0.589
5033	ELIZABETHTOWN WC	SR	PS	3506	10	5.462	EDISON TWP	20141	MIDDLESEX CTY STP	2319	OB	11 5.462
5033	ELIZABETHTOWN WC	SR	PS	3506	10	15.645	WESTFIELD TOWN CLARK TWP CRANFORD TWP SCOTCH PLAINS TWP	24643	RAHWAY VALLEY STP	3913	OB	5 15.645

Appendix F Surface Water Diversion Purveyors with Municipalities Served

WATER ALLOCATION PERMIT NUMBER	PURVEYOR NAME (1)	SOURCE DIVERSION* multiple sources (2)	CATEGORY & TYPE DIVERSION (3)	DIVERSION LOCATION (4)	RWRPA NO. (5)	ACTUAL AVERAGE ANNUAL WITHDRAWAL (MGD) (6)	UTILIZATION AREA (8)	NJPDES PERMIT NUMBER (7)	WASTE WATER TREATMENT PLANT (WWTP) (9)	DISCHARGE LOCATION (10)	SPECIFIC DISCHARGE LOCATION (11)	TOTAL DEPLETIVE WATER USE (MGD) (12)	
5033	ELIZABETHTOWN WC	SR	PS	3506	10	7.596	NEWARK CITY	21016	PASSAIC VALLEY STP	1314	OB	5	7.596
5033	ELIZABETHTOWN WC	SR	PS	3506	10	19.656	SCOTCH PLAINS TWP DUNELLEN BORO EDISON TWP MIDDLESEX BORO PISCATAWAY TWP SOUTH PLAINFIELD BORO FRANKLIN TWP GREENBROOK TWP NORTH PLAINFIELD BORO FANWOOD BORO GARWOOD BORO KENILWORTH BORO MOUNTAINSIDE BORO PLAINFIELD CITY	20141	MIDDLESEX CTY STP	2319	OB	11	19.656
5033	ELIZABETHTOWN WC	SR	PS	3506	10	11.748	UNION TWP IRVINGTON TOWN MAPLEWOOD TWP MILLBURN TWP WEST ORANGE TOWN SUMMIT CITY	24741	JT MTG STP	3904	OB	5	11.748
5033	ELIZABETHTOWN WC	SR	PS	3506	10	6.276	ROSELLE PARK BORO HILLSIDE TWP	24741	JT MTG STP	3904	OB	5	6.276
5033	ELIZABETHTOWN WC	SR	PS	3506	10	9.972	ROSELLE PARK BORO LINDEN CITY ROSELLE BORO	24953	LINDEN-ROSELLE STP	3909	OB	5	9.972
5033	ELIZABETHTOWN WC	SR	PS	3506	10	1.750	PLAINSBORO TWP PRINCETON BORO PRINCETON TWP	31119	SBRSA #1 STP	2110	WAIS		

Appendix F Surface Water Diversion Purveyors with Municipalities Served

WATER ALLOCATION PERMIT NUMBER	PURVEYOR NAME (1)	SOURCE DIVERSION* (multiple sources) (2)	CATEGORY & TYPE DIVERSION (3)	DIVERSION LOCATION (4)	RWRPA NO. (5)	ACTUAL AVERAGE ANNUAL WITHDRAWAL (MGD) (6)	UTILIZATION AREA (8)	NJPDES PERMIT NUMBER (7)	WASTE WATER TREATMENT PLANT (WWTP)	DISCHARGE LOCATION (9)	SPECIFIC DISCHARGE LOCATION (10)	TOTAL DEPLETIVE WATER USE (MGD) (11)
							WEST WINDSOR TWP					
5033	ELIZABETHTOWN WC	SR	PS	3508	10	0.037	RARITAN TWP	28438	RARITAN MUA STP	1909	WAIS	
5033	ELIZABETHTOWN WC	SR	PS	3508	10	0.872	WARREN TWP	22497	STAGE IV STP	3520	OAS	4 0.672
5033	ELIZABETHTOWN WC	SR	PS	3508	10	7.274	ELIZABETH CITY	24741	JT MTG STP	3904	OB	5 7.274
5077	ORANGE CITY WD	SYRAH	PS	1322	5	0.388	ORANGE CITY	21016	PASSAIC VALLEY STP	1314	OB	0.388
5099	PASSAIC VALLEY WC	SPPAS	PS	3105	4	1.082	WALLINGTON BORO	25188	WOOD-RIDGE STP	0368	OAS	5 1.082
5099	PASSAIC VALLEY WC	SPPAS	PS	3105	4	20.465	PROSPECT PARK BORO	21016	PASSAIC VALLEY STP	1314	OB	5 20.465
							CLIFTON CITY					
							PASSAIC CITY					
							PATERSON CITY					
							WEST PATERSON CITY					
5099	PASSAIC VALLEY WC	SPPAS	PS	3105	4	0.013	HAWTHORNE BORO	21016	PASSAIC VALLEY STP	1314	OB	5 0.013
5099	PASSAIC VALLEY WC	SPPAS	PS	3105	4	2.010	HARRISON TOWN	21016	PASSAIC VALLEY STP	1314	OB	5 2.010
5099	PASSAIC VALLEY WC	SPPAS	PS	3105	4	0.461	BLOOMINGDALE BORO	29388	TWO BRIDGES STP	2716	WAIS	
5099	PASSAIC VALLEY WC	SPPAS	PS	3105	4	0.300	CEDAR GROVE TWP	25330	CEDAR GROVE STP	1304	OAS	5 0.3
5099	PASSAIC VALLEY WC	SPPAS	PS	3105	4	1.870	ELMWOOD PARK BORO	21016	PASSAIC VALLEY STP	1314	OB	5 1.870
5099	PASSAIC VALLEY WC	SPPAS	PS	3105	4	0.288	FAIRFIELD BORO	29388	TWO BRIDGES STP	2716	WAIS	
5099	PASSAIC VALLEY WC	SPPAS	PS	3105	4	1.558	FAIR LAWN BORO	23671	PASSAIC VALLEY STP	0317	OB	5 1.558
5099	PASSAIC VALLEY WC	SPPAS	PS	3105	4	1.377	GARFIELD BORO	21016	PASSAIC VALLEY STP	1314	OB	5 1.377
5099	PASSAIC VALLEY WC	SPPAS	PS	3105	4	0.158	HALEDON BORO	21016	PASSAIC VALLEY STP	1314	OB	5 0.158
5099	PASSAIC VALLEY WC	SPPAS	PS	3105	4	0.693	WEST PATERSON BORO	22098	WEST PATERSON STP	3116	OAS	5 0.693
5099	PASSAIC VALLEY WC	SPPAS	PS	3105	4	2.644	NUTLEY TOWN	21016	PASSAIC VALLEY STP	1314	OB	5 2.644
5099	PASSAIC VALLEY WC	SPPAS	PS	3105	4	0.012	RINGWOOD BORO	53759	WANAQUE REG STP	3113	OAS	5 0.012
5099	PASSAIC VALLEY WC	SPPAS	PS	3105	4	1.759	VERONA BORO	24490	VERONA STP	1320	OAS	5 1.759
5099	PASSAIC VALLEY WC	SPPAS	PS	3105	4	1.789	TOTOWA BORO	22071	RIVERVIEW DR. STP	3112	OAS	5 1.789
5099	PASSAIC VALLEY WC	SPPAS	PS	3105	4	0.813	LINCOLN PARK BORO	29388	TWO BRIDGES STP	2716	WAIS	
5099	PASSAIC VALLEY WC	SPPAS	PS	3105	4	0.016	NO. CALDWELL BORO	20427	CALDWELL STP	1303	WAIS	
5099	PASSAIC VALLEY WC	SPPAS	PS	3105	4	1.706	NORTH ARLINGTON BORO	21016	PASSAIC VALLEY STP	1314	OB	5 1.706
5099	PASSAIC VALLEY WC	SPPAS	PS	3105	4	2.148	LODI BORO	21016	PASSAIC VALLEY STP	1314	OB	5 2.148

Appendix F Surface Water Diversion Purveyors with Municipalities Served

WATER ALLOCATION PERMIT NUMBER	PURVEYOR NAME (1)	SOURCE DIVERSION* multiple sources (2)	CATEGORY & TYPE DIVERSION (3)	DIVERSION LOCATION (4)	RWRPA NO. (5)	ACTUAL AVERAGE ANNUAL WITHDRAWAL (MGD) (6)	UTILIZATION AREA (8)	NJPDES PERMIT NUMBER (7)	WASTE WATER TREATMENT PLANT (WWTP) (9)	DISCHARGE LOCATION (10)	SPECIFIC DISCHARGE LOCATION (11)	TOTAL DEPLETIVE WATER USE (MGD) (12)
5110	BOONTON TOWN WD	SP	PS	2721	4	0.555	BOONTON TOWN BOONTON TWP	22349	ROCKAWAY VALLEY STP	2729	WAIS	
5111	HACKENSACK WC	SKHAC	PS	0338	6	3.100	SECAUCUS TWP GUTTENBERG TWP	32921	SECAUCUS STP	1709	WAIS	
5111	HACKENSACK WC	SKHAC	PS	0338	6	0.002	RIDGEWOOD BORO	24791	RIDGEWOOD STP	0322	OAS	5 0.002
5111	HACKENSACK WC	SKHAC	PS	0338	6	0.022	WALLINGTON BORO	25186	WOOD-RIDGE STP	0368	WAIS	
5111	HACKENSACK WC	SKHAC	PS	0338	6	3.000	CLIFFSIDE PARK BORO EDGEWATER BORO	20591	EDGEWATER STP	0313	WAIS	
5111	HACKENSACK WC	SKHAC	PS	0338	6	1.697	SADDLE BROOK TWP	21016	PASSAIC VALLEY STP	1314	OB	5 1.697
5111	HACKENSACK WC	SKHAC	PS	0338	6	0.760	WOOD RIDGE BORO	25186	WOOD-RIDGE STP	0368	WAIS	
5111	HACKENSACK WC	SKHAC	PS	0338	6	2.840	WEST NEW YORK TOWN	25321	WEST NEW YORK STP	1712	WAIS	
5111	HACKENSACK WC	SKHAC	PS	0338	6	5.570	NORTH BERGEN TWP	34339	CENTRAL SEWAGE PLANT	1708	WAIS	
5111	HACKENSACK WC	SKHAC	PS	0338	6	72.903	WESTWOOD BORO BERGENFIELD BORO BOGOTA BORO CARLSTADT BORO CLIFFSIDE PARK BORO CLOSTER BORO CRESSKILL BORO DEMAREST BORO DUMONT BORO EAST RUTHERFORD BORO EMERSON BORO ENGLEWOOD CITY ENGLEWOOD CLIFFS BORO FAIRVIEW BORO FORT LEE BORO HACKENSACK CITY HARRINGTON PARK BORO	20028	BERGEN CTY STP	0330	WAIS	

Appendix F Surface Water Diversion Purveyors with Municipalities Served

WATER ALLOCATION PERMIT NUMBER	PURVEYOR NAME (1)	SOURCE DIVERSION* multiple sources) (2)	CATEGORY & TYPE DIVERSION (3)	DIVERSION LOCATION (4)	RWRPA NO. (5)	ACTUAL AVERAGE ANNUAL WITHDRAWAL (MGD) (6)	UTILIZATION AREA (6)	NJPDES PERMIT NUMBER (7)	WASTE WATER TREATMENT PLANT (WWTP)	DISCHARGE LOCATION (8)	SPECIFIC DISCHARGE LOCATION (9)	(10)	TOTAL DEPLETIVE WATER USE (MGD) (10)
							HASBROUCK HGTS BORO						
							HAWORTH BORO						
							HILLSDALE BORO						
							LEONIA BORO						
							LITTLE FERRY BORO						
							MAYWOOD BORO						
							MONTVALE BORO						
							MOONACHIE BORO						
							NEW MILFORD BORO						
							NORTHVALE BORO						
							NORWOOD BORO						
							ORADELL BORO						
							PALISADES PARK BORO						
							PARAMUS BORO						
							RIDGEFIELD BORO						
							RIDGEFIELD PARK VILLAGE						
							RIVER EDGE BORO						
							RIVER VALE TWP						
							ROCHELLE PARK TWP						
							RUTHERFORD BORO						
							TEANECK BORO						
							TENAFLY BORO						
							TETERBORO BORO						
							WASHINGTON TWP						
5111	HACKENSACK WC	SKHAC	PS	0338	6	0.887	FAIR LAWN BORO	21016	PASSAIC VALLEY STP	1314	OB	5	0.887
5111	HACKENSACK WC	SKHAC	PS	0338	6	5.700	WEEHAWKEN TWP UNION CITY	28085	HOBOKEN STP	1705	WAIS		
5122	BURLINGTON CITY WD	SDDEL	PS	0505	14	1.683	BURLINGTON CITY	24660	BURLINGTON CITY STP	0505	WAIS		
5123	NEWARK CITY WD	SPPNK	PS	3115	4	0.520	PEQUANNOCK TWP	29386	TWO BRIDGES STP	2716	WAIS		

Appendix F Surface Water Diversion Purveyors with Municipalities Served

WATER ALLOCATION PERMIT NUMBER	PURVEYOR NAME (1)	SOURCE DIVERSION (multiple sources) (2)	CATEGORY & TYPE DIVERSION (3)	DIVERSION LOCATION (4)	RWRPA NO. (5)	ACTUAL AVERAGE ANNUAL WITHDRAWAL (MGD) (6)	UTILIZATION AREA (6)	NJPDES PERMIT NUMBER (7)	WASTE WATER TREATMENT PLANT (WWTP)	DISCHARGE LOCATION (8)	SPECIFIC DISCHARGE LOCATION (9)	(10)	TOTAL DEPLETIVE WATER USE (MGD) (10)
5123	NEWARK CITY WD	SPPNK	PS	3115	4	6.094	ELIZABETH CITY	24741	JT MTG STP	3904	OB	5	6.094
5123	NEWARK CITY WD	SPPNK	PS	3115	4	3.950	WAYNE TWP	28002	MT. VIEW STP	3114	WAIS		
								28841	SHEFFIELD HILLS STP	3114	WAIS		
5123	NEWARK CITY WD	SPPNK	PS	3115	4	52.734	NEWARK CITY	21016	PASSAIC VALLEY STP	1314	OB	5	52.734
							BELLEVILLE TOWN						
							BLOOMFIELD TOWN						
5128	BUTLER BORO WD	SPPNK	PS	2703	4	0.842	BUTLER BORO	29386	TWO BRIDGES STP	2716	WAIS		
5146	HACKETTSTOWN MUA	SDMUS	PS	2738	10	0.244	HACKETTSTOWN TOWN	21369	HACKETTSTOWN MUA STP	4122	OAS	7	0.244
5146	HACKETTSTOWN MUA	SDMUS	PS	2727	10	0.407	HACKETTSTOWN TOWN	21369	HACKETTSTOWN MUA STP	4122	OAS	7	0.407
5158	NEW JERSEY - AMERICAN W.C.	SD	PS	4123	1	0.135	BELVIDERE TOWN	35114	BELVIDERE STP	4103	OAS	3	0.135
5172	BRICK TOWNSHIP MUA	SCMET	PS	2906	15	1.143	BRICK TWP	28142	NORTHERN STP	2906	OB		1.143
5181	HIGHLAND LAKES IMP CO	SPPNK	PS	3722	3	0.043	VERNON TWP	N/A	SEPTICS/VERNON	3722	WAOS		
5187	TRENTON WATER DEPT.	SDDDEL	PS	2111	14	30.388	TRENTON CITY	20923	TRENTON STP	2111	WAIS		
							HAMILTON TWP	26301	HAMILTON TWP STP	2103	WAIS		
							EWING TWP	24759	ELSA STP	2102	WAIS		
							LAWRENCE TWP	24759	ELSA STP	2102	WAIS		
5196	HALEDON BORO WD	SPPUP	PS	3106	5	1.033	HALEDON BORO	21016	PASSAIC VALLEY STP	1314	OB		1.033
5211	LAMBERTVILLE WC	SDDDEL	PS	1917	9	0.288	LAMBERTVILLE CITY	20915	LAMBERTVILLE STP	1917	WAIS		
5225	NEWTON TOWN WD	SHWAL	PS	3718	3	0.895	NEWTON TOWN	20184	NEWTON STP	3715	WAIS		
5243	HIGH BRIDGE BORO WD	SRSBR	PS	1914	10	0.117	HIGH BRIDGE BORO	20389	CLINTON STP	1906	WAIS		
5268	JERSEY CITY DEPT WATER	SPROC	PS	2701	4	1.150	WEST CALDWELL BORO	20427	CALDWELL STP	1303	WAIS		
5268	JERSEY CITY DEPT WATER	SPROC	PS	2701	4	8.000	HOBOKEN CITY	26085	HOBOKEN STP	1705	OAS	6	8.100
5268	JERSEY CITY DEPT WATER	SPROC	PS	2701	4	1.950	LYNDHURST BORO	21016	PASSAIC VALLEY STP	1314	OB	5	1.950
5268	JERSEY CITY DEPT WATER	SPROC	PS	2701	4	38.510	JERSEY CITY	27014	JERSEY CITY STP #1	1706	OB	6	38.511
							JERSEY CITY	27022	JERSEY CITY STP #2	1706	OB	6	
5290	SALEM CITY WD	SDALL	PS	3311	20	1.268	SALEM CITY	24856	SALEM STP	3312	WAIS		
5292	SUSSEX BORO WD	SH PAP	PS	3724	3	0.211	SUSSEX BORO	21857	SUSSEX BORO STP	3721	WAIS		
5293	MIDDLESEX WC	D & R	PS	2305	10	0.500	WOODBRIIDGE TWP	24643	RAHWAY VALLEY STP	3913	OB	5	0.500
							CLARK TWP						

Appendix F Surface Water Diversion Purveyors with Municipalities Served

WATER ALLOCATION PERMIT NUMBER	PURVEYOR NAME (1)	SOURCE DIVERSION* multiple sources (2)	CATEGORY & TYPE DIVERSION (3)	DIVERSION LOCATION (4)	RWRPA NO. (5)	ACTUAL AVERAGE ANNUAL WITHDRAWAL (MGD) (6)	UTILIZATION AREA (6)	NJPDES PERMIT NUMBER (7)	WASTE WATER TREATMENT PLANT (WWTP)	DISCHARGE LOCATION (8)	SPECIFIC DISCHARGE LOCATION (9)	(10)	TOTAL DEPLETIVE WATER USE (MGD) (10)
5293	MIDDLESEX WC	D & R	PS	2305	10	0.163	OLD BRIDGE TWP	20141	MIDDLESEX CTY STP	2319	OB	11	0.163
5293	MIDDLESEX WC	D & R	PS	2305	10	18.350	SOUTH PLAINFIELD BORO METUCHEN BORO	20141	MIDDLESEX CTY STP	2319	OB	11	18.350
5293	MIDDLESEX WC	D & R	PS	2305	10	0.113	PERTH AMBOY CITY	23213	PERTH AMBOY STP	2316	WAIS		
5293	MIDDLESEX WC	D & R	PS	2305	10	0.101	HIGHLAND PARK BORO	20141	MIDDLESEX CTY STP	2319	OB	11	0.101
5293	MIDDLESEX WC	D & R	PS	2305	10	0.514	EDISON TWP	20141	MIDDLESEX CTY STP	2319	OB	11	0.514
5293	MIDDLESEX WC	D & R	PS	2305	10	3.080	CARTERET BORO	24571	CARTERET STP	2301	OB	5	3.080
5293	MIDDLESEX WC	D & R	PS	2305	10	4.016	EAST BRUNSWICK TWP	20141	MIDDLESEX CTY STP	2319	OB	11	4.016
5308	ATLANTIC CITY MUA	SCATL	PS	0102	18	3.302	ATLANTIC CITY	24473	ATLANTIC CITY STP	0102	OB		3.302
5310	SE MORRIS CTY MUA	SPWHI	PS	2718	10	1.488	MORRISTOWN TOWN	25496	MORRISTOWN STP	2724	OAS	4	1.488
5313	SAYREVILLE WD	SRSRV	PS	2319	11	0.722	SAYREVILLE BORO	20141	MIDDLESEX CTY STP	2319	OB		0.722
5329	NO. JERSEY DWSC	SPWAN	PS	3113	4	2.799	WAYNE TWP	28002	MT. VIEW STP	3114	WAIS		
								28841	SHEFFIELD HILLS STP	3114	WAIS		
5329	NO. JERSEY DWSC	SPWAN	PS	3113	4	5.506	MONTCLAIR TOWN	21016	PASSAIC VALLEY STP	1314	OB	5	5.506
5329	NO. JERSEY DWSC	SPWAN	PS	3113	4	35.157	PASSAIC CITY PATERSON CITY CLIFTON CITY	21016	PASSAIC VALLEY STP	1314	OB	5	35.157
5329	NO. JERSEY DWSC	SPWAN	PS	3113	4	0.769	CEDAR GROVE TWP	25330	CEDAR GROVE STP	1304	OAS	5	0.769
5329	NO. JERSEY DWSC	SPWAN	PS	3113	4	7.903	KEARNY TOWN	22161	KEARNY STP	1707	OAS	5	7.903
5329	NO. JERSEY DWSC	SPWAN	PS	3113	4	9.659	BAYONNE CITY	25836	BAYONNE STP	1701	OB	5	9.659
								21016	PASSAIC VALLEY STP	1314	OB	5	
5329	NO. JERSEY DWSC	SPWAN	PS	3113	4	0.362	JERSEY CITY	27014	JERSEY CITY STP #1	1706	OB	6	0.362
								27022	JERSEY CITY STP #2	1706	OB	6	
5329	NO. JERSEY DWSC	SPWAN	PS	3113	4	0.746	GLEN RIDGE BORO	21016	PASSAIC VALLEY STP	1314	OB	5	0.746
5329	NO. JERSEY DWSC	SPWAN	PS	3113	4	29.541	NEWARK CITY	21016	PASSAIC VALLEY STP	1314	OB	5	29.541
5337	NEW BRUNSWICK CITY WD	SRLAW/D & R	PS	2314	10	1.027	EAST BRUNSWICK TWP MILLTOWN BORO	20141	MIDDLESEX CTY STP	2319	OB	11	1.027
5337	NEW BRUNSWICK CITY WD	SRLAW/D & R	PS	2314	10	7.907	NEW BRUNSWICK CITY	20141	MIDDLESEX CTY STP	2319	OB	11	7.907
5339	RAHWAY CITY WD	SYRAH	PS	3913	5	5.488	RAHWAY CITY	24643	RAHWAY VALLEY STP	3913	OB		5.488

Appendix F

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5359	FRANKLIN BORO WD	SHWAL	PS	3706	3	0.405	FRANKLIN BORO	N/A	FRANKLIN STP	3706	WAIS	



