

New Jersey Department of Environmental Protection
Water Quality Management Plan
Wastewater Management Plan/Wastewater Management Plan Update
Application Form

For Office Use Only Project Identification Number

- New Wastewater Management Plan, six copies of the request are attached. 1 printed copy & 4 CD's
Wastewater Management Plan Update, six copies of the request are attached.

PLEASE TYPE

1. NAME OF PROPOSED WASTEWATER MANAGEMENT PLAN: Interim Draft NJDEP Wastewater Management Plan for Morris County

2. MUNICIPALITIES ADDRESSED IN THE WASTEWATER MANAGEMENT PLAN:

A. MUNICIPALITY(IES): 37* of 39 B. COUNTY(IES): Morris
MUNICIPALITY(IES): COUNTY(IES):
MUNICIPALITY(IES): COUNTY(IES):

*Morris Twp. has an approved and current WMP; Florham Park has submitted a draft WMP to NJDEP prior to rule adoption.

3. WASTEWATER MANAGEMENT PLAN AGENCY SUBMITTING REQUEST:

WASTEWATER MANAGEMENT PLAN AGENCY: County of Morris

ADDRESS: 30 Schuyler Place, 4th Floor, PO Box 900
Street Address Suite Number

Morristown New Jersey 07963-0900
City State Zip

CONTACT PERSON: Christine Marion TITLE: Planning Director

PHONE: (973) 829-8120 FAX: (973) 326-9025

E-MAIL ADDRESS: cmarion@co.morris.nj.us

4. PREPARER OF WASTEWATER MANAGEMENT PLAN:

NAME/AGENT/ENGINEER: Same as above TITLE:

AGENCY/COMPANY:

ADDRESS: Street Address Suite Number

City State Zip

PHONE: () _____ FAX: () _____

E-MAIL ADDRESS: _____

CONTACT PERSON (if different from agent): _____ TITLE: _____

PHONE: () _____ FAX: () _____

E-MAIL ADDRESS: _____

5. PLAN INFORMATION:

NAME OF THE AREAWIDE WATER QUALITY MANAGEMENT PLAN(S) [WQMP] TO BE AMENDED: Northeast, Upper Delaware, Upper Raritan
(See map on page 10 to determine which Water Quality Management Planning Area the wastewater management plan is located.)

6. SIGNIFICANT ACTIONS (Check all that apply):

- CHANGES TO SEWER SERVICE AREAS
 - Expansion
 - Reduction
 - Transfers of Sewer Service Areas from _____ to _____
 - Transfer of WMP Responsibility from STP's/WTP's/municipalities to County of Morris

- WASTEWATER TREATMENT FACILITIES (WTF)
 - New or Expanded Discharge to Surface Water
 - New or Expanded Discharge to Ground Water
 - Abandonment of Wastewater Treatment Facility
 - Change in Discharge Location
 - Increase in projected wastewater flow above that approved in the adopted areawide WQM plan for the facility wastewater service area

Golf course

Other _____

7. MAPS AND DRAWINGS

REFER TO THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION INSTRUCTIONS AND GUIDE TO WASTEWATER MANAGEMENT PLAN FORMAT AND CONTENT (Instructions) (see the website at <http://www.nj.gov/dep/watershedmgt/rules.htm>)

8. REGIONAL PLANNING CONSIDERATIONS:

A. ARE ANY PORTIONS OF THE WASTEWATER MANAGEMENT PLANNING AREA WITHIN THE HIGHLANDS PRESERVATION AREA?

Yes No

B. ARE ANY PORTIONS OF THE WASTEWATER MANAGEMENT PLANNING AREA WITHIN THE HIGHLANDS PLANNING AREA?

Yes No

C. ARE ANY PORTIONS OF THE WASTEWATER MANAGEMENT PLANNING AREA WITHIN NJ's REGULATED COASTAL ZONE?

Yes No

IF YES, WHICH PLANNING AREA? _____

D. ARE ANY PORTIONS OF THE WASTEWATER MANAGEMENT PLANNING AREA WITHIN THE PINELANDS AREA OR PINELANDS NATIONAL RESERVE AREA OF JURISDICTION UNDER THE PINELANDS COMPREHENSIVE MANAGEMENT PLAN?

Yes No

IF YES, WHICH CATEGORY _____

E. ARE ANY PORTIONS OF THE WASTEWATER MANAGEMENT PLANNING AREA LOCATED WITHIN THE JURISDICTION OF THE NEW JERSEY MEADOWLANDS COMMISSION?

Yes No

F. IDENTIFY THE ADOPTED STATE DEVELOPMENT AND REDEVELOPMENT PLAN PLANNING AREA OR NAME OF APPROVED CENTER

PA 1, PA 2, PA 3, PA 4B, PA 5 - All centers have expired, Dover, Morristown and Netcong are seeking Plan Endorsement

G. IS THE WASTEWATER MANAGEMENT PLANNING AREA IN CONFORMANCE WITH ALL APPLICABLE LOCAL ORDINANCES?

Yes No

IF NO, EXPLAIN Not yet.

H. IS THE WASTEWATER MANAGEMENT PLANNING AREA IN CONFORMANCE WITH THE MUNICIPAL MASTER PLAN?

Yes No

IF NO, EXPLAIN Not yet.

I. IS THE WASTEWATER MANAGEMENT PLANNING AREA IN CONFORMANCE WITH THE MUNICIPAL STORMWATER MANAGEMENT PLAN?

Yes No

IF NO, EXPLAIN _____

J. IS THE WASTEWATER MANAGEMENT PLANNING AREA IN CONFORMANCE WITH THE REGIONAL STORMWATER MANAGEMENT PLAN?

Yes No

IF NO, EXPLAIN N/A

K. HAS A TOTAL MAXIMUM DAILY LOAD (TMDL) BEEN ESTABLISHED FOR ANY LAKES OR STREAMS WITHIN

THE WASTEWATER MANAGEMENT PLANNING AREA?

Yes No

IF YES, EXPLAIN Phosphorus TMDL for the Passaic Basin

L. ARE THERE ANY PROPOSED DEVELOPMENTS WITHIN THE SAME WATERSHED/HUC 14 AS A STREAM/LAKE THAT HAS AN ESTABLISHED TMDL?

Yes No

IF YES, EXPLAIN N/A

9. WATER SUPPLY CONSIDERATIONS:

A. IDENTIFY WATER SUPPLY SOURCE (See attached "Types of Public Water Systems" and check one of the following):

Public Water System (If yes, check one): Existing Proposed

Non-Public Water Systems (Individual Wells)

_____ Number of wells from a confined aquifer
_____ Number of wells from an unconfined aquifer

B. IF YOU CHECKED PUBLIC WATER SYSTEM, COMPLETE THE FOLLOWING. IF YOU CHECKED NON-PUBLIC, SKIP TO ITEM D.

NAME OF PURVEYOR: _____

CHECK APPROPRIATE BOX TO INDICATE TYPE OF WATER SOURCE:

Reservoir Surface Water Intake Confined aquifer

Unconfined Aquifer diversion with a passing flow requirement

Unconfined Aquifer diversion without a passing flow requirement

NAME OF SOURCE WATERBODY OR AQUIFER: _____

LOCATION OF DIVERSION (Municipality and street, if applicable): _____

WATER ALLOCATION PERMIT OR WATER USE REGISTRATION NUMBER ASSOCIATED WITH DIVERSION: _____

C. WILL THE EXISTING WATER ALLOCATION PERMIT OR WATER USE REGISTRATION NEED TO BE MODIFIED TO INCREASE THE ALLOCATION OR WILL A NEW WATER ALLOCATION PERMIT OR WATER USE REGISTRATION BE NEEDED TO MEET THE ANTICIPATED WATER SUPPLY DEMAND FOR ANY DEVELOPMENTS IN THE WASTEWATER MANAGEMENT PLAN DURING THE PLANNING PERIOD? (CHECK APPROPRIATE BOX)

EXISTING WATER ALLOCATION PERMIT WILL NOT REQUIRE MODIFICATION

EXISTING WATER USE REGISTRATION WILL NOT REQUIRE MODIFICATION

INCREASE IN EXISTING WATER ALLOCATION PERMIT

NEW WATER ALLOCATION PERMIT

NEW WATER USE REGISTRATION

D. IS YOUR WASTEWATER MANAGEMENT PLANNING AREA LOCATED IN A WATER SUPPLY PLANNING DEFICIT AREA AS IDENTIFIED IN THE 1996 NEW JERSEY STATEWIDE WATER SUPPLY PLAN? **N/A**

Yes No

E. CHECK THE APPROPRIATE BOX BELOW TO INDICATE WHETHER THE WASTEWATER MANAGEMENT PLANNING AREA IS LOCATED WITHIN AN AREA OF CRITICAL WATER SUPPLY CONCERN.

Critical Area 1 Critical Area 2 Not Applicable

F. HAS AN ORDINANCE BEEN ADOPTED BY THE MUNICIPALITY/MUNICIPALITIES COVERED WASTEWATER MANAGEMENT PLAN IS THAT LIMITS OUTDOOR WATER USE (OTHER THAN DURING TIMES OF DROUGHT WARNING OR DROUGHT EMERGENCY)? **N/A**

Yes No

IF YES, ATTACH A COPY OF THE ORDINANCE.

10. RIPARIAN CORRIDOR CONSIDERATIONS (refer to the Instructions for the Riparian Corridor Analysis):

A. What is/are the stream classification(s) of waterbodies in wastewater management planning area?
ALL TYPES.

B. Are any portions of the wastewater management planning area within 300 feet of Category One (C1) waters or any Highlands waterbodies?

Yes No

C. Are any portions of the wastewater management planning area within 150 feet of Fresh Water 1 (FW1) or Fresh Water 2-Trout Production (FW2-TP waters)?

Yes No

D. Are any portions of the wastewater management planning area within 75 feet of other Fresh Water 2 (FW-2) designated waters?

Yes No

11. THREATENED AND ENDANGERED SPECIES HABITAT CONSIDERATIONS:

ARE THERE LANDSCAPE PROJECT RANKED THREATENED AND/OR ENDANGERED SPECIES HABITAT WITHIN THE PROPOSED PROJECT SITE OR PLANNING AREA

Yes No

A. If yes, please describe the rank and species as per the Landscape Project. _____

B. Are there any Natural Heritage Database designated areas within the wastewater management planning area?

Yes No

If yes, please provide a copy of the description.

12. CERTIFICATION:

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS ACCURATE, TO THE BEST OF MY KNOWLEDGE.

SIGNATURE: _____ DATE _____

Additional information, analyses or assessments may be required upon review by the NJDEP

SEND COMPLETED FORM WITH REQUIRED ATTACHMENTS TO:

**NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATERSHED MANAGEMENT
BUREAU OF WATERSHED REGULATION
401 E.STATE ST. 7TH FLOOR W. WING
PO BOX 418
TRENTON, NJ 08625-0418**

WASTEWATER MANAGEMENT PLAN CERTIFICATION

NAME OF WASTEWATER MANAGEMENT PLAN:

Interim Draft NJDEP Wastewater Management Plan for Morris County

DATE OF WASTEWATER MANAGEMENT PLAN: 12/31/2009

The signature of an authorized Wastewater Management Planning Agency representative below certifies that the WMP is being submitted on behalf of the Wastewater Management Planning Agency.

WMP AGENCY NAME: County of Morris

REPRESENTATIVE NAME: Christine Marion

TITLE: Planning Director

SIGNATURE: _____ DATE: _____

ADDRESS: 30 Schuyler Place, 4th floor, P.O. Box 900

Street Address

Suite Number

Morristown

New Jersey

07963-0900

City

State

Zip

PHONE: (973) 829-8120 FAX: (973) 326-9025

E-MAIL ADDRESS: cmarion@co.morris.nj.us

LISTING OF AREAWIDE WATER QUALITY MANAGEMENT PLANNING DESIGNATED PLANNING AGENCIES

- (1) Indicates Agency also has WMP Responsibility
(2) Indicates Agency has Adopted WQMP Procedures

Atlantic County Board of Chosen Freeholders for the Atlantic County WQM planning area (1)(2)
C/O Atlantic County Department of Regional Planning and Development
P.O. Box 719
New Road and Dolphin Avenue
Northfield, NJ 08225-0719
(609) 645-5898

Cape May County Board of Chosen Freeholders for the Cape May County WQM planning area (1)(2)
C/O Cape May County Health Department
DN 601
4 Moore Road
Cape May Court House, NJ 08210-1601
(609) 465-1187

Mercer County Board of Chosen Freeholders for the Mercer County WQM planning area (2)
C/O Mercer County Planning Division
McDade Administration Building
Room 412
640 South Broad Street
P.O. Box 8068
Trenton, NJ 08650
(609) 989-6545

Middlesex County Board of Chosen Freeholders for the Lower Raritan/Middlesex County WQM (1)(2)
planning area (which includes portions of Somerset and Union Counties)
C/O Middlesex County Planning Board
40 Livingston Avenue
New Brunswick, NJ 08901
(732) 745-3016

Monmouth County Board of Chosen Freeholders for the Monmouth County WQM planning area (1)(2)
C/O Monmouth County Planning Board
Hall of Records Annex
One East Main Street
Freehold, NJ 07728
(732) 431-7460

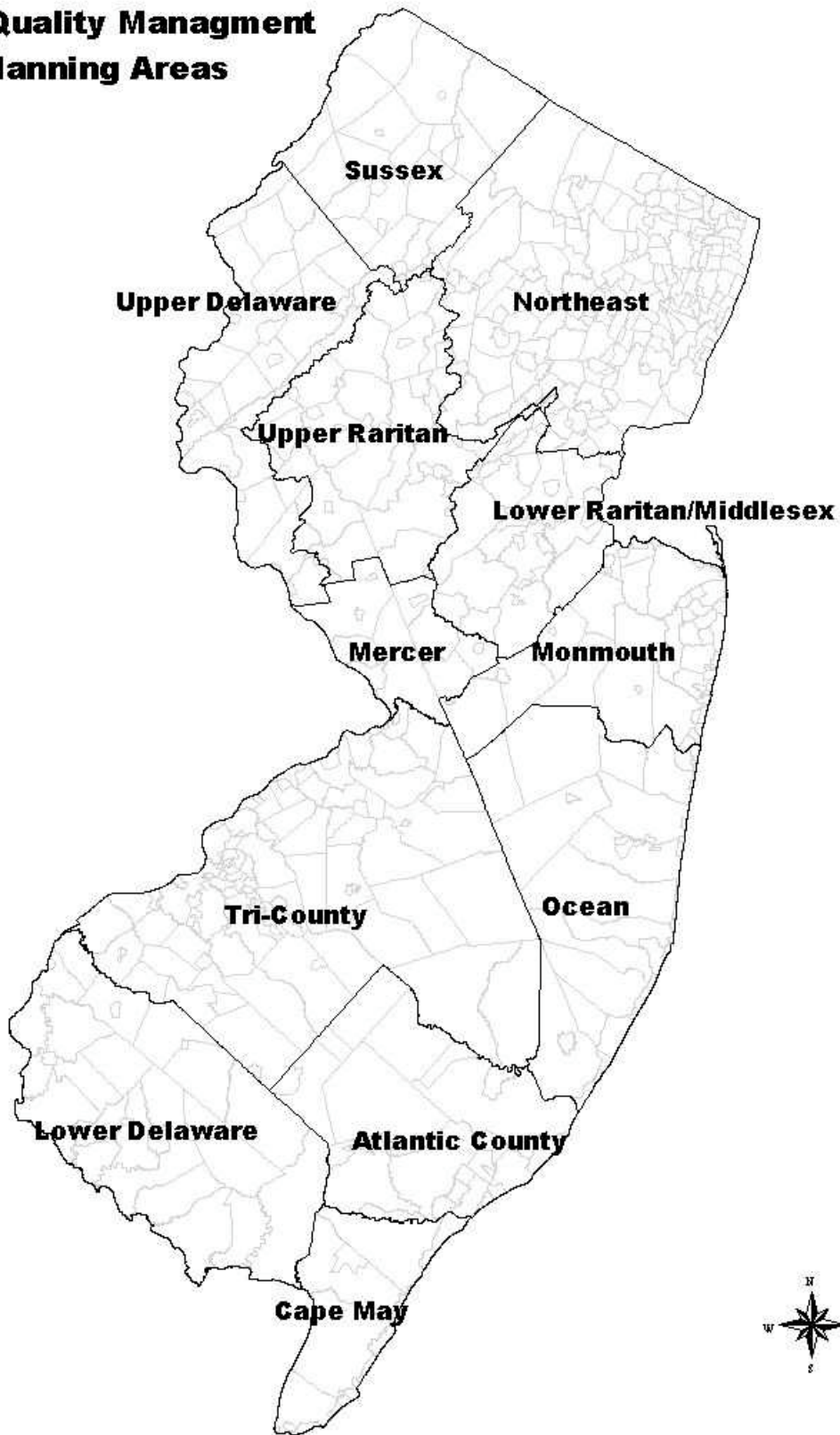
Ocean County Board of Chosen Freeholders for the Ocean County WQM planning area (1)
(which includes portions of Monmouth County)
C/O Ocean County Planning Board
Court House Square
P.O. Box 2191
Toms River, NJ 08754
(732) 929-2054

Sussex County Board of Chosen Freeholders for the Sussex County WQM planning area (which includes portions of
Morris County) (1)(2)
C/O Sussex County Department of Engineering and Planning, Division of Planning
Sussex County Administrative Building
One Spring Street
Newton, NJ 07860
(973) 579-0500

Delaware Valley Regional Planning Commission for the Tri-County WQM planning area (which includes Burlington, Camden and Gloucester Counties)
Delaware Valley Regional Planning Commission
The Bourse Building
111 South Independence Mall East
Philadelphia, PA 19106-2515
(215) 592-1800

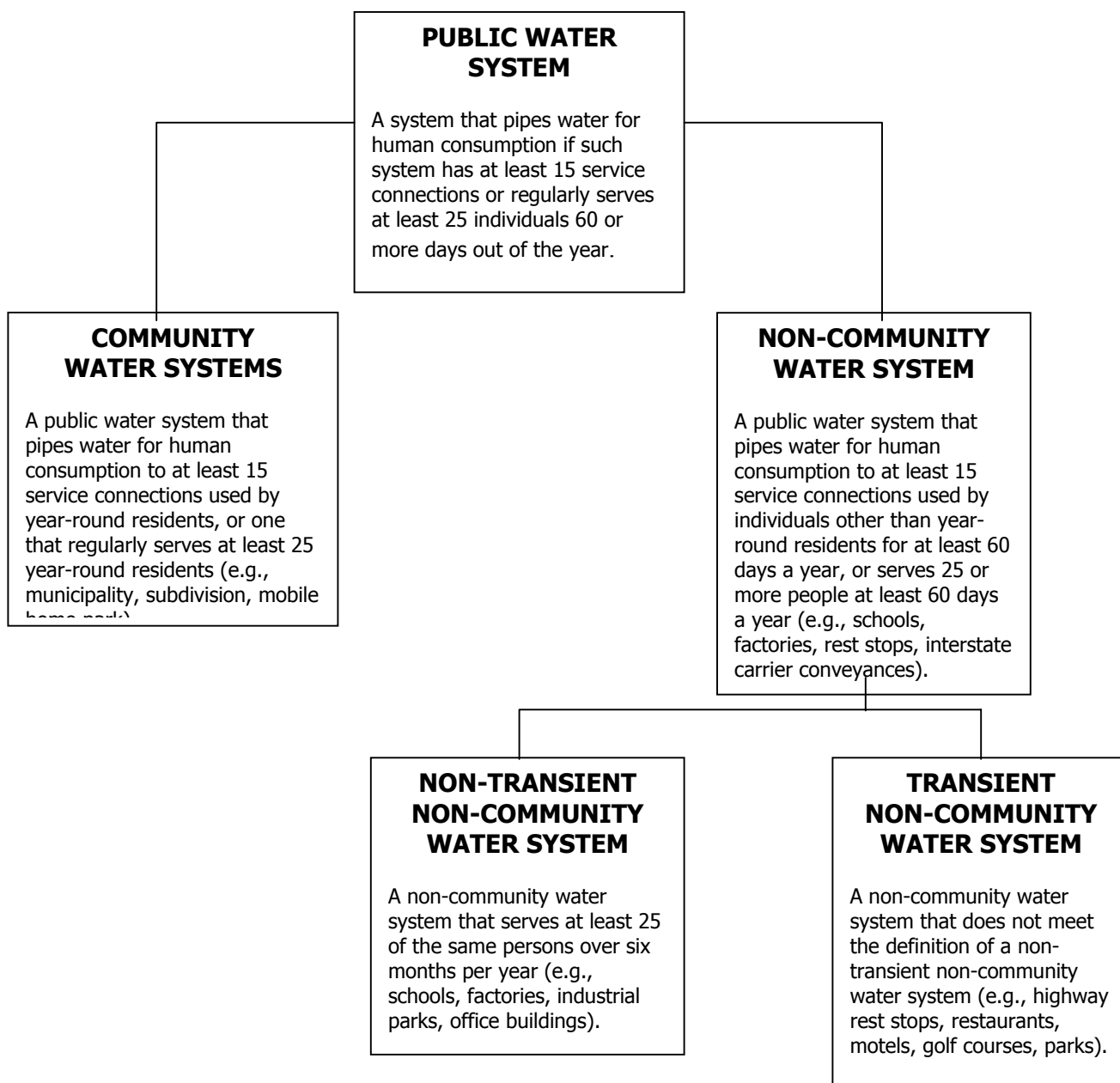
New Jersey Department of Environmental Protection for the Northeast, Upper Raritan, Upper Delaware and Lower Delaware WQM Planning Areas

**Water Quality Management
Planning Areas**



Types of Public Water Systems

A “public water system” has 15 or more service connections or regularly serves at least 25 people 60 or more days a year. A System that serves water 60 or more days a year is considered to “regularly serve” water. Public water systems can be publicly or privately owned. Public water systems are subdivided by regulation into two major categories: **community** and **non-community** water systems. The division is based on the type of consumer served and the frequency the consumer uses the water. Basically, a **community system** serves water to a residential population, whereas a **non-community system** serves water to a non-residential population. The **non-community** category is further broken down into two categories: **non-transient non-community** water systems and transient **non-community** water systems.



From: Public Notification Handbook for Public Water Systems, USEPA Office of Water, USEPA Publication 570/9-89-002 September 1989

**New Jersey Department of Environmental Protection
Instructions for Completing the
Wastewater Management Plan/Wastewater Management Plan Update
Application Form**

1. NAME OF WASTEWATER MANAGEMENT PLAN:

Provide name by which the wastewater management plan is or will be commonly known. For example: Atlantic County Wastewater Management Plan.

2. MUNICIPALITIES ADDRESSED IN THE WASTEWATER MANAGEMENT PLAN:

Identify the municipality(ies) and county(ies) that the wastewater management plan covers.

3. WASTEWATER MANAGEMENT PLAN AGENCY SUBMITTING REQUEST:

Provide name, contact person and title, address, telephone number, facsimile number and e-mail address of the wastewater management plan agency.

4. PREPARER OF THE WASTEWATER MANAGEMENT PLAN:

Provide name and title, agency or company name, address, telephone number, facsimile number and e-mail address of the company, agency or individual which/who has prepared this application for the wastewater management plan. Provide a contact person and title, telephone number, facsimile number and e-mail address, if different than the preparer. The contact person will be responsible to answer questions or make changes to the application form. If the preparer of the application form is the same as the wastewater management plan agency submitting the request, write "same as above".

5. PLAN INFORMATION:

There are twelve areawide Water Quality Management (WQM) plans in New Jersey. The purpose of the areawide WQM plans is to identify areas within the State to evaluate water quality control issues, identify factors contributing to the water quality problems, and identify measures for addressing those problems. Areawide wastewater treatment areas were designated pursuant to the provisions of the Water Quality Planning Act and section 208 of the Federal Water Pollution Control Act and to the maximum extent practicable conformed to county boundaries, with appropriate modifications made to take account of the major watersheds. There were seven agencies designated by the Governor to prepare areawide WQM plans; in addition, the NJDEP prepared another five areawide WQM plans. Since their adoption by the Governor in 1980, and conditional approval by EPA shortly thereafter, one additional agency was designated in the late 1990's. See the map on page 10 to determine which WQM plan area the wastewater management plan affected.

6. SIGNIFICANT ACTIONS (Check all that apply):

Indicate if any of the following are being proposed as part of the wastewater management plan:

Sewer Service Areas

- Expansion of a sewer service area (e.g. by adding parcels),
- Reduction of a sewer service area (e.g. by removing parcels)
- Transfer of approved sewer service area from one wastewater treatment facility to another. The affected entities should be identified.
- Transfer of WMP planning responsibility from one agency to another. The affected entities should be identified.

Wastewater Treatment Facilities

- Any new or expanded wastewater treatment facilities (including the type of discharge proposed)
- Changes to approved wastewater flows
- The abandonment of existing wastewater treatment facilities

- Change in discharge location (e.g. changing from discharge to surface water to a discharge to ground water or from a discharge to surface water to a tributary to discharge to the mainstream)
- A golf course
- Other (describe the wastewater activity if it is not addressed by the categories provided)

7. MAPS AND DRAWINGS:

Mapping should not include excessively thick lines for delineating boundaries, or excessively dark graphic shading which obscures the base map details. Provide mapping information in the form of digital GIS data (disk) or a USGS quadrangle map delineating the proposed sewer service area boundary and location of the proposed new or expanded wastewater treatment facility and discharge location, if applicable. Include site plans if applicable.

Mapping information should be submitted in the form of digital GIS data, whenever possible. The digital maps shall be accurate, at a minimum, to a scale of 1:12,000. The NJDEP will provide its GIS theme coverage, associated meta-data and the digital data transfer standards at N.J.A.C. 7:1D Appendix A at the request of the applicant. The creation of new GIS data layers shall be prepared in a format which is consistent with the NJDEP's digital data transfer standards at N.J.A.C. 7:1D, Appendix A.

The NJDEP's 1991/92 quarterquad basemap series may be used to prepare the amendment or revision. Maps shall be in New Jersey State Plane Feet using the North American Datum of 1983 (NAD83). Maps shall meet United States National Map Accuracy Standards for a scale of 1:12,000. Other maps at other scales may be submitted as supplements to the base mapping, such as an overview map for a regional or county WMP area to define the overall pattern of wastewater facilities and service areas.

The paper copies of the USGS quadrangle maps being submitted must use the 1:24,000 scale.

All Maps must be clear and easily readable. Each map must have a complete and readily understandable legend.

For clarity, if a WMP planning area includes numerous USGS quadrangles, an 8 1/2" x 11" "key map" showing the WMP planning area and the outlines and names of the quadrangles should also be included.

Guidance for preparing wastewater management plan mapping is contained in the attachment labeled "Mapping Information" in the Water Quality Management Plan Amendment & Revision Application form. All maps must use the proper scale, except Map #4, the Zoning/Master Plan mapping. No enlargement or reduction to this base should be made. Supplemental maps may be used to clarify the same information (i.e., lot line or tax maps providing a more detailed delineation of service areas), however, both maps must clearly indicate which is to take precedence in case of service area discrepancy.

Two service area maps must be submitted - one depicting the existing wastewater facilities and service areas and one depicting the future wastewater facilities and service areas (this includes existing facilities and service areas which will remain). Other features may be combined on maps as long as the mapping remains clear and is not confusing. (Example: planning area and existing wastewater facilities and service areas mapping could be combined). Much of this decision depends on the particular area. If in doubt, use separate maps.

Copies of USGS quadrangle maps are available from the NJDEP Bureau of Revenue, Maps and Publications located at 428 East State Street, Trenton, NJ, 08625. They may be contacted at (609) 777-1038.

8. REGIONAL PLANNING CONSIDERATIONS:

A. and B. For information on the Highlands Preservation and Planning Areas, please refer to the Department's website at <http://www.nj.gov/dep/highlands/> or the Highlands Council website at <http://www.highlands.state.nj.us/>. A complete copy of the application and submission for amendments, revisions and WMPs in the Highlands Preservation and/or Planning Area must be submitted to the Highlands Council at 100 North Road (Route 513), Chester, New Jersey 07930.

C. Mapping information necessary to complete this section can be found through the NJDEP Division of Watershed Management web site at <http://www.state.nj.us/dep/watershedmgt/gis.htm> or the NJDEP Geographic Information Systems (GIS) web site at <http://www.state.nj.us/dep/gis> and by contacting the Office of Policy, Planning, and Science at (609) 341-5311 or the Office of Coastal Planning at (609) 292-2662 for NJ's regulated Coastal Zone.

D. Mapping information necessary to complete this section can be found through the Pinelands Commission web site at <http://www.state.nj.us/pinelands/lcm.htm> or at (609) 894-7300 for Pinelands information.

E. Mapping information necessary to complete this section can be found through the New Jersey Meadowlands Commission at <http://njmeadowlands.gov/>.

F. Mapping information necessary to complete this section can be found through the NJ Office of State Planning at (609) 292-7156 for State Development and Redevelopment Plan Planning Area or Name of Approved Center information.

G.-J. Mapping information for local ordinances, stormwater management plans, and master plans, can be determined by contacting your local municipal planning office.

K.-L. For mapping information on TMDLs, go to the NJDEP Division of Watershed Management web site at <http://www.state.nj.us/dep/watershedmgt/gis.htm> or the NJDEP Geographic Information Systems (GIS) web site at <http://www.state.nj.us/dep/gis>

9. WATER SUPPLY CONSIDERATIONS:

A. Public water systems can generally be defined as a system that pipes water for human consumption if such system has at least 15 service connections or regularly services at least 25 individuals for 60 or more days out of the year. (See attached "Types of Public Water Systems"). Existing water systems are those water systems that have a currently valid water allocation permit or water use registration issued by the Department. Confined aquifer means "an aquifer which contains groundwater confined under pressure between relatively impermeable or significantly less permeable material so that its groundwater surface rises above the top of the aquifer." (NJ Statewide Water Supply Plan, 1996) Unconfined (or semi-confined) aquifer means "an aquifer close to the land surface with continuous layers of materials with permeabilities in the high to low range, extending from the land surface to the base of the aquifer." (NJ Statewide Water Supply Plan, 1996)

B. AND C. To complete this information, contact the water purveyor or local water department. The Location of the Diversion (Item B) should include the name of the municipality with street address, if applicable. The Department will consider the location of the diversion relative to the location of wastewater discharge in its assessment of the need for a consumptive water use analysis.

D. Information necessary to complete this item is located in the 1996 New Jersey Statewide Water Supply Plan. If necessary, contact the NJDEP's Maps and Publications Office at (609) 777-1038.

E. Information necessary to complete this item is available on the NJDEP web site at <http://www.state.nj.us/dep/gis> or by contacting the NJDEP Water Supply Administration at (609) 292-2957.

F. Contact the municipal government(s) within which the project/activity is located to answer this question and obtain a copy of the ordinance.

10. RIPARIAN CORRIDOR CONSIDERATIONS:

The classification of all waterbodies located within wastewater management plan should be identified. The information necessary to complete this section can be found through the NJDEP Division of Watershed Management web site at <http://www.state.nj.us/dep/watershedmgt/gis.htm> or through the NJDEP Geographic Information Systems (GIS) web site at <http://www.state.nj.us/dep/gis> or within the New Jersey Surface Water Quality Standards at N.J.A.C. 7:9B.

11. THREATENED AND ENDANGERED SPECIES HABITAT CONSIDERATIONS:

The Department's Division of Fish and Wildlife (DFW), Endangered and Non-Game Species Program has developed the "Landscape Project" which identifies state and federally listed endangered or threatened species habitat. Please utilize the Landscape Project Maps to assist in the determination of the specified endangered and/or threatened species habitat within the wastewater management plan. Undeveloped land within Landscape Project Areas 3, 4 and 5 must be designated as, "General service areas for wastewater facilities with planning flows of less than 2,000 gallons per day which discharge to ground water."

12. CERTIFICATION: The person authorizing that the information on the application form is accurate shall sign and date the application form in this area. This person can be the agency submitting the request or preparer of the wastewater management plan.