

Request for Proposals

SFY 2006 Section 604(b) Water Quality Planning Pass-Through Grant Program



State of New Jersey
Department of Environmental Protection
Division of Watershed Management
Statewide Nonpoint Source Program

September 2005

Table of Contents

Section 1: Program Overview

- 1.1 Introduction
- 1.2 Deadlines
- 1.3 Projects Solicited for SFY 2006
- 1.4 Priorities for Funding
- 1.5 Applicant Eligibility

Section 2: Grant Processing Schedule

- 2.1 Schedule
- 2.2 Proposal Submission and Format
- 2.3 Proposal Review

Section 3: Proposal Components

- 3.1 Cover Page
- 3.2 Abstract
- 3.3 Applicant Description
- 3.4 Scope of Work
- 3.5 Project Implementation Schedule
- 3.6 Letters of Resource Commitment
- 3.7 Budget
- 3.8 Other Project Specific Information

Section 4: Requirements of Projects Selected for Funding

- 4.1 Geographic Information System Data
- 4.2 Quality Assurance Project Plan
- 4.3 Quarterly Performance Reports
- 4.4 Final Report

Appendices

Appendix A:	Listing of OWTS Impaired Segments
Appendix B:	Maps of OWTS Impaired Segments by WMA
Appendix C:	Proposal Evaluation Criteria
Appendix D:	Quarterly Reporting Requirements
Appendix E:	Final Reporting Requirements

Acronyms

DWM	Division of Watershed Management
GIS	Geographic Information System
NPS	Nonpoint Source
OWTS	Onsite Wastewater Treatment Systems
QAPP	Quality Assurance Project Plan
RfP	Request for Proposals
SFY	State Fiscal Year
TMDL	Total Maximum Daily Load
WMA	Watershed Management Area
WQP	Water Quality Planning

Section 1: Program Overview

1.1 Introduction

Pursuant to Section 604(b) of the federal Clean Water Act (Act), the New Jersey Department of Environmental Protection's (Department) Division of Watershed Management (DWM) is seeking proposals for Water Quality Planning (WQP) projects for State Fiscal Year (SFY) 2006.

Each year, the State of New Jersey receives funds under Section 604(b) of the Act to carry out planning under Sections 205(j) and 303(e) of the Act¹. Section 604(b) of the Act, as amended, requires, with certain exceptions, that at least 40 percent of the State's funds awarded under Section 604(b) be allocated as pass-through grants to organizations for WQP activities. It is the purpose of this WQP Pass-Through Grant Program to satisfy this requirement.

Prospective applicants are strongly encouraged to carefully read this entire Request for Proposals (RfP) prior to the submission of a grant application.

1.2 Initial Deadline

Project Proposal Must Be Submitted by Wednesday, November 2, 2005 in order to be considered.

1.3 Projects Solicited for SFY 2006

The Department's DWM is requesting proposals for the purpose of developing management plans for onsite wastewater treatment systems (OWTS)². OWTS are systems, such as septic and denitrification systems, that are used to collect, treat, and discharge wastewater from single dwellings or buildings. Approximately 320,000 households in New Jersey are served by OWTS. In its *Voluntary National Guidelines for Management of Onsite and Clustered (Decentralized) Wastewater Treatment Systems* (March 2003), the U.S. Environmental Protection Agency estimates that nationally

¹ Information regarding the Clean Water Act and the above referenced sections of the Act can be found at <http://www.epa.gov/region5/water/cwa.htm#ECWA>

² Information regarding onsite wastewater treatment systems and the development of management programs can be found at <http://cfpub.epa.gov/owm/septic/home.cfm> and http://www.state.nj.us/dep/dwq/sep_site.htm

20% of such systems are malfunctioning to some degree. Failing or poorly maintained OWTS may contribute to various pollutants, including pathogens such as fecal coliform in both surface and ground waters. Fecal coliform is both an environmental and a public health concern, and levels of this pathogen indicator are being monitored in many areas of the State. In accordance with Section 303(d) of the Act, the Department prepares a biennial list of waterbodies that exceed the surface water quality standard criteria. This list of impaired waters is known as Sublist 5 of the *New Jersey Integrated Water Quality Monitoring and Assessment Report (Integrated Report)*³. For the 2004 *Integrated Report*, 2,151 waterbody segments were assessed. Of these segments, 973 segments were placed on Sublist 5; of which approximately 15% were listed for fecal coliform impairments. In addition, 167 segments were placed on Sublist 4 as impaired for fecal coliform. It is the goal of this RfP to develop OWTS management plans which, when implemented, will reduce fecal coliform loadings from OWTS to these impaired waterbodies of the State.

In addition to protecting local water resources and public health, an OWTS management program can protect property values, ensure more efficient use of funds by determining the appropriate level of maintenance for each OWTS, prolong the service life of OWTS by managing them properly, and assist the public in understanding the purpose and operation of OWTS.

All OWTS management plans must contain, at a minimum, the following eight (8) components:

1. An inventory/tracking process to document the type; location; age; and inspection, maintenance, and performance history of OWTS in the planning area.
2. The identification and prioritization of local and/or individual OWTS operation and maintenance concerns that need to be addressed.
3. The determination of the management measures that will need to be implemented to best address the local and/or individual OWTS concerns.
4. A description of how adequate short-term and long-term monitoring, operation, and preventative and corrective maintenance (including replacement) of OWTS will be ensured.
5. An estimate of the amount of technical and financial assistance needed to implement the management program and identification of potential sources of funding.

³ The *New Jersey 2004 Integrated Water Quality Monitoring and Assessment Report* can be found at <http://www.state.nj.us/dep/wmm/sgwqt/wat/>.

6. An education/outreach component that will be used to inform stakeholders, owners of OWTS, and the public about the importance of holistic onsite wastewater management planning and proper local management measures.
7. The designation or establishment of an Onsite Wastewater Management Entity which would administer the local management program with full authorization.
8. A schedule for implementing the management measures identified in the plan.

Each OWTS management plan will then be proposed as an amendment to the areawide water quality management plan, pursuant to the Water Quality Management Planning Rules at N.J.A.C. 7:15⁴.

1.4 Priorities for Funding

Project proposals for all areas of the State are eligible for funding.

Highest Funding Priority: The highest priority for SFY 06 604(b) funds will be given to projects for which the proposed planning area contains waters that have established fecal coliform Total Maximum Daily Loads (TMDLs)⁵ which identify onsite wastewater treatment systems (e.g. septic systems) as sources of this pathogen. A listing of such waters is included as Appendix A of the RfP. Maps displaying these segments by Watershed Management Area (WMA) can be found in Appendix B.

Other Priority Areas: Funding priority will also be given to projects addressing one or more of the following:

- Proposed area contains waters that have, at a minimum, a proposed phosphorus or fecal coliform TMDL which identifies OWTS (e.g. septic systems) as nutrient or pathogen sources;
- Proposed area is located within the Highlands Preservation Area;
- Proposed area includes a lakeshed draining to a public lake;
- Proposed area contains Category One waters; or
- Proposed area contains properties that rely on individual private wells for potable water supply.

⁴ Information regarding water quality management plans and N.J.A.C. 7:15 can be found at <http://www.state.nj.us/dep/watershedmgt/wqmps.htm>.

⁵ Information regarding TMDLs, in addition to individual TMDL documents, can be found at <http://www.state.nj.us/dep/watershedmgt/tmdl.htm>

1.5 Applicant Eligibility

A. Eligible Entities

Regional Public Comprehensive Planning Organizations and Interstate Organizations created for the purpose of carrying out water quality planning activities are eligible to apply for Section 604(b) Pass-Through Grant funds. These government agencies include:

- Designated water quality management planning agencies
- Counties
- Municipalities
- Soil conservation districts
- Other regional or interstate water quality planning agencies

B. Qualifications for Eligibility

Applicants must demonstrate that they possess all of the necessary resources and ability to perform the proposed project. Such qualifications include:

- The capability, expertise, and environmental experience necessary to perform the proposed work,
- An established working relationship with area stakeholders and the public,
- The ability to achieve the goals outlined in the proposal,
- The authority to implement the management program developed as a result of the proposed project,
- The ability to ensure long-term sustainability of the management program developed as a result of the proposed project.

Section 2: Grant Processing Schedule

2.1 Schedule

The following table provides a timeline of events to occur within the SFY 2006 funding cycle.

Action	Responsible Party	Deadline
Project Proposal Submission	Applicant	11/02/05
Administrative Review for Completeness and Notification of Dismissal from Consideration	Department	11/16/05
Regional and Technical Review	Department	12/16/05
Modification Requests and Notification of Dismissal from Consideration	Department	12/16/05
Project Modification Submission	Applicant	01/06
Final Project Review	Department	01/06
Final Funding Decisions	Department	01/06

2.2 Proposal Submission and Format

Three (3) hard copies and one (1) electronic copy (in Microsoft Word or Adobe PDF format) of the complete proposal for Section 604(b) grant projects must be submitted to the following address no later than Wednesday, November 2, 2005, 5:00 P.M. (postmarked, or stamped "received" if hand delivered) in order to be considered for SFY 2006 funds. The electronic copy should be provided on a CD and submitted along with the hard copies of the proposal. Please note: if the proposal package is not prepared by the applicant, the package must include a letter from the applicant stating approval of the package and intent to become the grantee.

PROPOSAL DELIVERY LOCATION:

New Jersey Department of Environmental Protection
Division of Watershed Management
Statewide Nonpoint Source Program
401 East State Street, 6th Floor, East Wing
PO Box 418
Trenton, New Jersey 08625-0418
Attn: Time Sensitive SFY 06 Section 604(b) Grant Proposal

2.3 Proposal Review

Proposals will be reviewed and scored based on completeness, timeliness, and the evaluation criteria provided in Appendix C. Applicants will be informed, in writing, of any project modifications needed and/or funding approval decisions, in line with the schedule presented in Section 2.1 of this RfP.

Section 3: Proposal Components

In order for the grant application to be considered complete, and thus move forward within the funding determination process, the items outlined below must be submitted by the November 2, 2005 deadline.

3.1 Cover Page

The cover page of the grant proposal must contain the following:

- Project Title
- Watershed Management Area (Name and Number)
- Applicant organization's name, address, and phone number
- Contact person's name, address, phone number, fax number, and e-mail address
- Names, addresses, phone numbers, and e-mail addresses of all contact persons and organizations serving as project partners
- Total project cost, including any match contributed by the applicant
- Grant amount requested
- Date of proposal

3.2 Abstract

The proposal must include a brief abstract of the project, including a summary of the information contained in the scope of work (see detailed description below). The abstract should be able to serve as a stand-alone document.

3.3 Applicant Description

The proposal must include a description of the applicant and the applicant's ability to complete the proposed project. Information regarding any projects in the proposed planning area which were funded by the DWM and any related grant or loan applications is to be provided.

3.4 Scope of Work

The proposal must contain a scope of work that includes all of the elements described below and details how each of the eight minimum components will be achieved. Any reference materials or maps should be added as appendices and not be included in the text of the scope of work.

A. Background: Project Justification and Problem Definition

Describe why the project is needed, the scope of the problem, and the current condition of the project area. Define the desired result that this project will achieve.

B. Statement of Need

Identify the causes of, or obstacles contributing to, the gap between the current conditions and the desired results. Explain how this project will address the root cause of the problem and work toward closing the "gap" between the current conditions and the desired outcome. Give background water quality information if available.

C. Goals, Objectives, and Tasks Statements

Identify the project goal(s), related objectives, and tasks or steps taken to meet the goal(s) and objectives. This section of the Scope of Work must also detail how each of the eight minimum components will be achieved, and which tasks will be taken to achieve each of these components.

Goals identify the desired outcome(s) related to the identified problem or need and serve as general statements of results.

Objectives describe the outcomes in a measurable way; they are not about the tools which will be used to implement the project.

Objectives specify:

- The results to be achieved, or criteria by which results will be measured;
- The time frame for achieving the objective; and
- The specific target group toward which the service or program is directed.

Tasks are concise statements of the activities that must take place to achieve the desired goal(s) and objectives. Tasks should:

- Provide concrete steps that will be taken to achieve the project goals and objectives;
- Acknowledge who will be responsible for each task (including project partners); and
- Identify the applicant's and project partner's roles in achieving the objective.

D. Measurable Outcomes: Indicators of Success

Explain how project success will be measured. Project outcomes, not outputs, are to be evaluated.

3.5 Project Implementation Schedule

A complete proposal must include a project implementation schedule (that follows the table format provided below), listing the tasks and their associated outputs or deliverables for each project objective. The schedule should also identify the party responsible for each task and the duration of time associated with completing each task. Specific months should not be specified, but instead should be listed by number (e.g., from 1 to 12 for a one-year project).

Project Implementation Schedule

Project Objective # _____ Completion Month # _____					
Task	Responsible Party	Time Frame	Anticipated Start Month	Anticipated Completion Month	Project Deliverable
Task 1	Lead Agency or Partner's Name	# of Months	Month #	Month #	Ex. A and B maps
Task 2	Lead Agency or Partner's Name	# of Months	Month #	Month #	Ex. C and D maps
Task 3	Lead Agency or Partner's Name	# of Months	Month #	Month #	Ex. E and F maps

3.6 Letters of Resource Commitment

The DWM encourages all applicants to seek partners with whom they may join to achieve project goals and objectives. Letters of resource commitment from all partners and project participants must be included in the grant proposal. Letters should reference any tasks for which the partner is identified as the responsible party in the project implementation schedule. These letters should describe their commitment to the project in terms of time, money, and/or effort. Such descriptions of commitment may include, but are not limited to: hours and/or cost of in-kind professional services, assistance in accessing and evaluating data, participation in project-related meetings, development and distribution of educational materials, and assistance with future implementation and maintenance of measures identified in the plan. Letters of resource commitment must be included

with the grant proposal, or the DWM cannot guarantee that the letters will be taken into consideration.

3.7 Budgets

Both a detailed budget describing how **costs per task** will be broken down and a general budget adhering to the following categories must be provided within the project proposal.

General Budget Categories

- Salaries
- Benefits
- Travel (@ 0.31 cents per mile)
- Administration (rent, phone, etc.)
- Contractual Services

Please note: 604(b) funds are provided in reimbursement for services. Exception to this policy will be made only in extenuating circumstances.

3.8 Other Project Specific Information

The following items are also required to be included with the project proposal, if applicable:

- USGS topographic map with project area delineated on it;
- Sketch/site plan or large-scale map showing project area in detail;
- Details of biological and/or chemical monitoring plan, including parameters to be sampled, number of sampling events per location, and a map depicting the locations of sampling sites;
- Description of data source(s), and how, where, and why data will be collected. Existing resources and data must first be assessed to prevent a duplication of effort and to evaluate the sources of, and solutions to, the problems being addressed; and
- Tax lot and block maps of the project area.

Section 4: Requirements of Projects Selected for Funding

4.1 Geographic Information System Data

Any projects that require the use of GIS data or mapping must follow the Department's Mapping and Digital Data Standards (2002)⁶.

4.2 Quality Assurance Project Plan

All selected projects that include environmental monitoring, measurements, or data generation must have a Quality Assurance Project Plan (QAPP)⁷ approved by the Department before any monitoring, measurements, or data generation is initiated. For projects that involve water quality data, the QAPP will include a project specific monitoring plan. Monitoring should be consistent with the requirements of the Verification Protocol and the QA/QC requirements of the Department. QAPPs should not be developed until an applicant has been notified that the project has been selected for funding and the contract has been executed. However, the proposal shall include details of the monitoring plan as specified in Section 3.8 of this RfP.

4.3 Quarterly Performance Reports

Performance reports shall be submitted to the DWM on a quarterly basis. Quarterly performance reports shall provide an update and explanation of the project status. These reports must follow the format outlined in Appendix D.

4.4 Final Report

Three (3) hard copies and one (1) electronic version of the final report must be submitted to the DWM upon completion of the project. The DWM must deem the report acceptable prior to the release of final payment to the grantee. The final report must follow the format outlined in Appendix E.

⁶ The Department's *Mapping and Digital Data Standards (2002)* can be found at www.state.nj.us/dep/gis/njdepstandards02.pdf

⁷ Information regarding QAPPs can be found at www.epa.gov/quality/qs-docs/g5-final.pdf.

Appendix A

Listing of OWTS Impaired Segments

The following are the waterbody segments with established fecal coliform TMDLs which identify onsite wastewater treatment systems as potential pollutant sources. The individual TMDL documents can be found on the DWM's TMDL website at <http://www.state.nj.us/dep/watershedmgt/tmdl.htm>. Maps displaying these segments by WMA can be found in Appendix B.

<u>WMA</u>	<u>Stream Segment Name</u>	<u>Site ID #</u>	<u>Municipalities Draining to Affected Stream Segment (Based on HUC 14 Watersheds)</u>
1	Musconetcong River at Beattystown	01456200	Lebanon, Mansfield, Washington (Morris County), Mount Olive, Allamuchy, Independence, and Byram Townships; Hackettstown Town
1	Musconetcong River near Bloomsbury	01457000	Alexandria, Bethlehem, Franklin, Washington (Warren County), and Lebanon Townships; Hampton and Bloomsbury Boroughs
1	Musconetcong River at Riegelsville	01457400	Holland, Pohatcong, Greenwich, Bethlehem, and Franklin Townships
1	Pequest River at Belvidere	01446400	Belvidere Town; White Township
1	Pequest River at Pequest	01445500	White, Oxford, Liberty, Mansfield, Independence, and Allamuchy Townships
1	Pohatcong Creek at New Village	01455200	Franklin, Greenwich, Harmony, and Washington (Warren County) Townships; Washington Borough
2	Papakating Creek near Sussex	01367860	Wantage and Lafayette Townships
2	Papakating Creek near Wykertown	01367780	Frankford Township
2	West Branch Papakating Creek at McCoys Corner	01367850	Wantage Township

NJ Department of Environmental Protection
Bureau of Watershed Planning
Statewide NPS Program

4	Goffle Brook at Hawthorne	01389850	Wykoff Township; Midland Park Borough; Hawthorne Borough; Ridgewood Village
4	Ramsey Brook at Allendale	01390900	Allendale, Waldwick, Ramsey, and Upper Saddle River Boroughs; Wykoff and Mahwah Townships
4	Hohokus Brook at Mouth at Paramus	01391100	Glen Rock, Ho-Ho-Kus, Midland Park, and Waldwick Boroughs; Ridgewood Village
4	Passaic River below Pompton River at Two Bridges	01389005	Wayne, Little Falls, Cedar Grove, and Fairfield Townships; Prospect Park, West Paterson, Hawthorne, Totowa, and North Caldwell Boroughs; Paterson City
5	Tenakill Brook at Cedar Lane	01378387	Alpine, Demarest, Closter, Dumont, Tenafly, Haworth, and Cresskill Boroughs; Englewood City
6	Beaver Brook at Rockaway	01380100	Rockaway and Denville Townships; Rockaway Borough
6	Passaic River near Chatham	01379500	Millburn, Berkeley Heights, Long Hill, Warren, Livingston, and Chatham Townships; , Florham Park, Chatham, Madison, and New Providence Boroughs; Summit City
6	Passaic River at Two Bridges	01382000	Lincoln Park, Caldwell, and Essex Fells Boroughs; Fairfield, Montville and West Caldwell Townships
6	Rockaway River at Longwood Valley	01379680	Wharton Borough; Jefferson, Roxbury, and Rockaway Townships
6	Whippany River at Morristown	01381500	Hanover, Morris, and Randolph Townships; Morris Plains Borough; Morristown Town
6	Whippany River near Pine Brook	01381800	Hanover, East Hanover, and Parsippany-Troy Hills Townships
8	North Branch Raritan River near Chester	01398260	Mendham Township; Mendham Borough; Randolph Township

NJ Department of Environmental Protection
Bureau of Watershed Planning
Statewide NPS Program

8	South Branch Raritan River Arch Street at High Bridge	01396535	High Bridge Borough; Clinton Town, Clinton Township; Lebanon Township
9	Manalapan Brook at Federal Road near Manalapan	01405340	Monroe, Manalapan, Millstone, and Freehold Townships
9	Manalapan Brook near Spotswood	01405440	Spotswood, Helmetta, and Jamesburg Boroughs; East Brunswick, South Brunswick, and Monroe Townships
9	Raritan River at Queens Bridge	01403300	Franklin, Piscataway, and Bridgewater Townships; Bound Brook, South Bound Brook, and Middlesex Boroughs
10	Duck Pond Run at Clarksville	01401200	West Windsor Township
10	Millstone River at Blackwells Mills	01402000	Montgomery, Franklin, South Brunswick, and Hillsborough Townships; Millstone Borough
10	Millstone River at Grovers Mill	01400640	Millstone, Monroe, Cranbury, East Windsor, Plainsboro, and West Windsor Townships; Hightstown Borough
10	Millstone River near Manalapan	01400540	Millstone, Hillsborough, and Monroe Townships
10	Millstone River at Weston	01402540	Franklin Township; Manville Borough
10	Pike Run near Rocky Hill	01401700	Montgomery and Hillsborough Townships
10	Stony Brook at Princeton	01401000	Hopewell, Lawrence, and Princeton Townships; Princeton Borough
11	Copper Creek near Frenchtown	01458710	Kingwood Township; Frenchtown Borough
11	Jacobs Creek at Bear Tavern	01462739	Hopewell Township
11	Miry Run at Route 533 at Mercerville	01463850	Hamilton, Washington, and West Windsor Townships
11	Nishisakawick Creek near Frenchtown	01458570	Kingwood and Alexandria Townships; Frenchtown Borough
11	Plum Brook near Locktown	01461262	Raritan and Delaware Townships

NJ Department of Environmental Protection
Bureau of Watershed Planning
Statewide NPS Program

12	Barren Neck Brook at Long Bridge Road in Colts Neck	56	Colts Neck, Middletown, and Holmdel Townships
12	Big Brook at Laurelwood Drive in Colts Neck	57	Colts Neck Township; Marlboro Township
12	Big Brook at Maywood Drive in Marlboro	21	Marlboro and Colts Neck Townships
12	Mingamahone Brook near Earle	01408009	Howell and Colts Neck Townships; Farmingdale Borough
12	Long Brook at Wykoff Mills	01407868	Howell and Freehold Townships; Freehold Borough
12	Willow Brook at Willow Brook Road in Holmdel	52	Colts Neck, Holmdel, and Marlboro Townships
13	South Branch Metedeconk River near Laurelton	01408152	Lakewood, Jackson, and Freehold Townships
13	Toms River near Toms River	01408500	Jackson, Lakewood, Berkeley, Dover, and Manchester Townships; South Toms River and Lakehurst Boroughs
15	Great Egg Harbor River at Weymouth	01411110	Buena Vista, Hamilton, Monroe, and Mullica Townships; Hammonton Town; Folsom Borough
15	Hospitality Branch at Blue Bell Road near Ceci	01411035	Monroe Township; Franklin Township
17	Cohansey River at Seeley	01412800	Upper Pittsgrove, Alloway, Upper Deerfield, Hopewell, and Stow Creek Townships; Shiloh Borough
17	Indian Branch near Malaga	01411466	Franklin Township
17	Little Ease Run at Porchtown	01411458	Washington, Monroe, Glassboro, Franklin, Elk, and Pittsgrove Townships; Clayton Borough
17	Maurice River at Norma	01411500	Pittsgrove, Franklin, and Deerfield Townships; Vineland City
17	Salem River at Courses Landing	01482537	Pilesgrove, Mannington, Carneys Point, Pennsville Townships; Woodstown Borough
17	Salem River at Woodstown	01482500	Pilesgrove and Upper Pittsgrove Townships; Woodstown Borough

NJ Department of Environmental Protection
 Bureau of Watershed Planning
 Statewide NPS Program

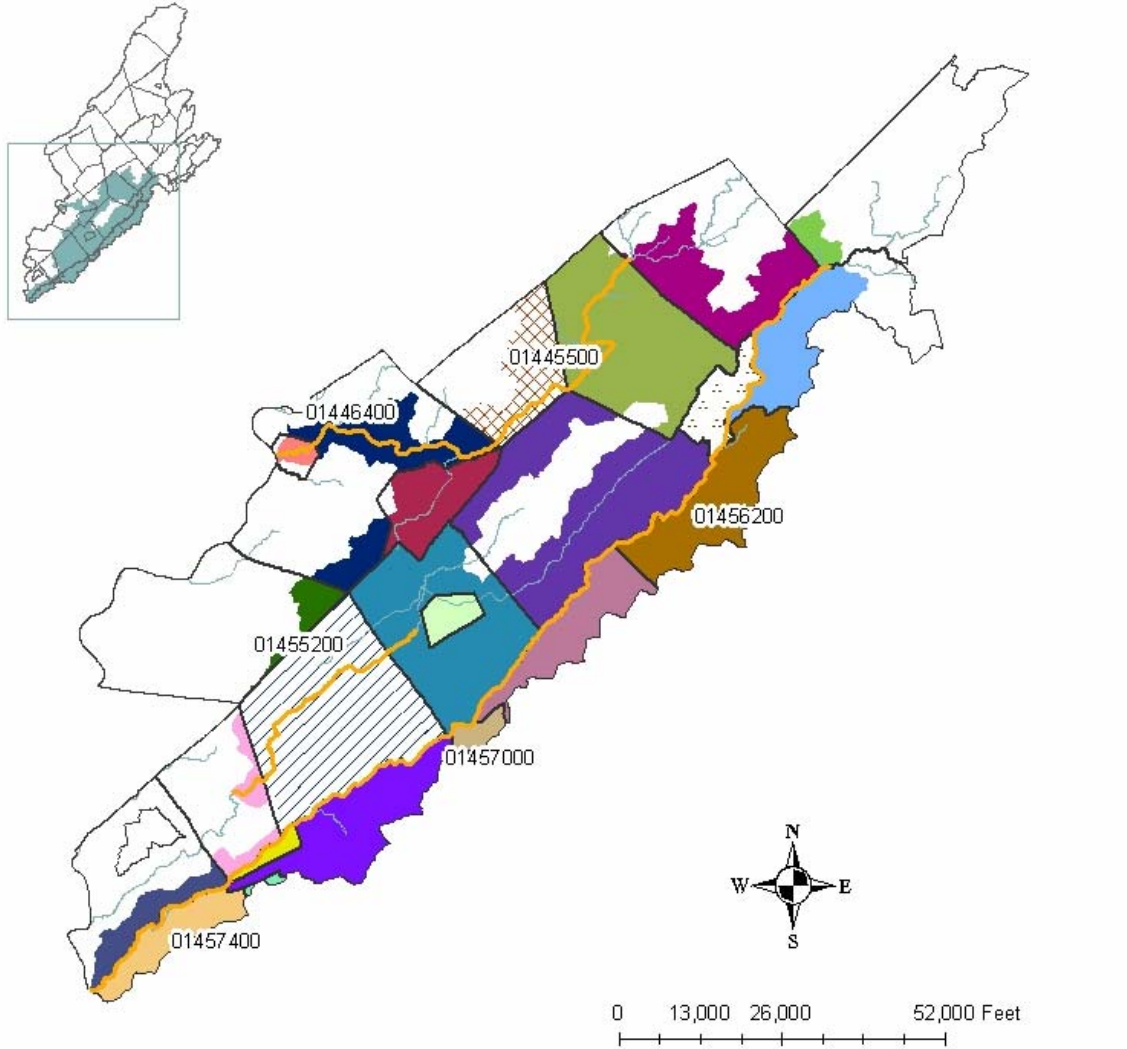
17	Two Penny Run near Danceys Corner	01482560	Pilesgrove, Oldmans, and Carneys Point Townships
18	Oldmans Creek at Jessups Mill	01477440	Upper Pittsgrove, Elk, South Harrison, and Pilesgrove Townships
18	Oldmans Creek at Porches Mill	01477510	Woolwich, South Harrison, Pilesgrove, Oldmans, and Logan Townships
18	Still Run near Mickelton	01476600	Greenwich, East Greenwich, and Mantua Townships
19	North Branch Rancocas Creek at Pine Street at Mt. Holly	01467005	Springfield, Pemberton, New Hanover, Mount Holly, Westampton, Hainesport, Eastampton, Southampton, and Lumberton Townships; Wrightstown and Pemberton Boroughs
20	Bacons Creek near Mansfield Square	01464529	Chesterfield Township; Mansfield Township

Appendix B

Maps of OWTS Impaired Segments by WMA

The following pages present one map for each Watershed Management Area containing stream segments with established fecal coliform TMDLs which identify onsite wastewater treatment systems as potential pollutant sources. The maps depict the sections of municipalities which drain to these segments, as listed in Appendix A.

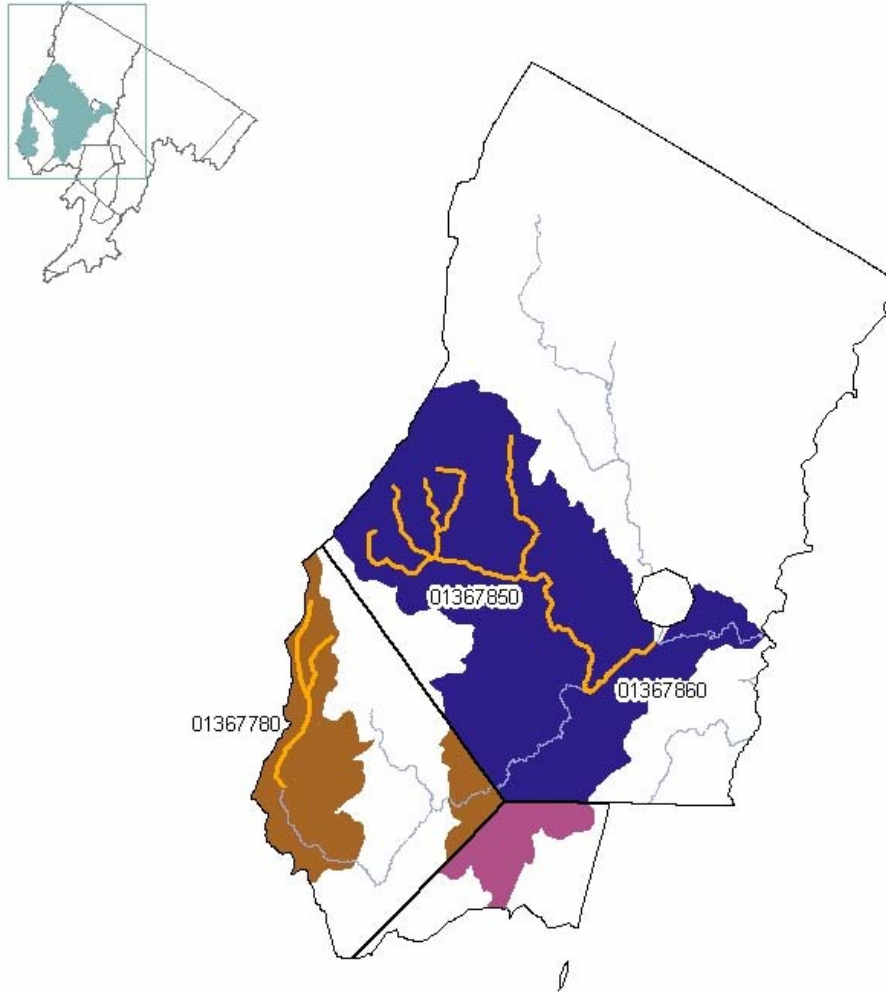
Watershed Management Area 1



Legend

- | | | |
|---|---|---|
| <ul style="list-style-type: none"> OWTS Impaired Segment Major Streams Municipal Boundaries | <p>Sections of Municipalities within Affected HUC 14 Watersheds</p> <ul style="list-style-type: none"> ALEXANDRIA TWP ALLAMUCHY TWP BELMADERETOWN BETHLEHEM TWP BLOOMSBURY BORO BYRAM TWP FRANKLIN TWP | <ul style="list-style-type: none"> GREENWICH TWP HACKETTSTOWN TOWN HAMPTON BORO HARMONY TWP HOLLAND TWP INDEPENDENCE TWP LEBANON TWP LIBERTY TWP MANSFIELD TWP MOUNT OLIVET TWP OXFORD TWP POHATCONG TWP WASHINGTON BORO WASHINGTON TWP; MORRIS CO WASHINGTON TWP; WARREN CO WHITETWP |
|---|---|---|

Watershed Management Area 2

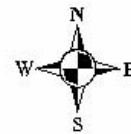


Legend

- OWTS Impaired Segment
- Major Streams
- ▭ Municipal Boundaries

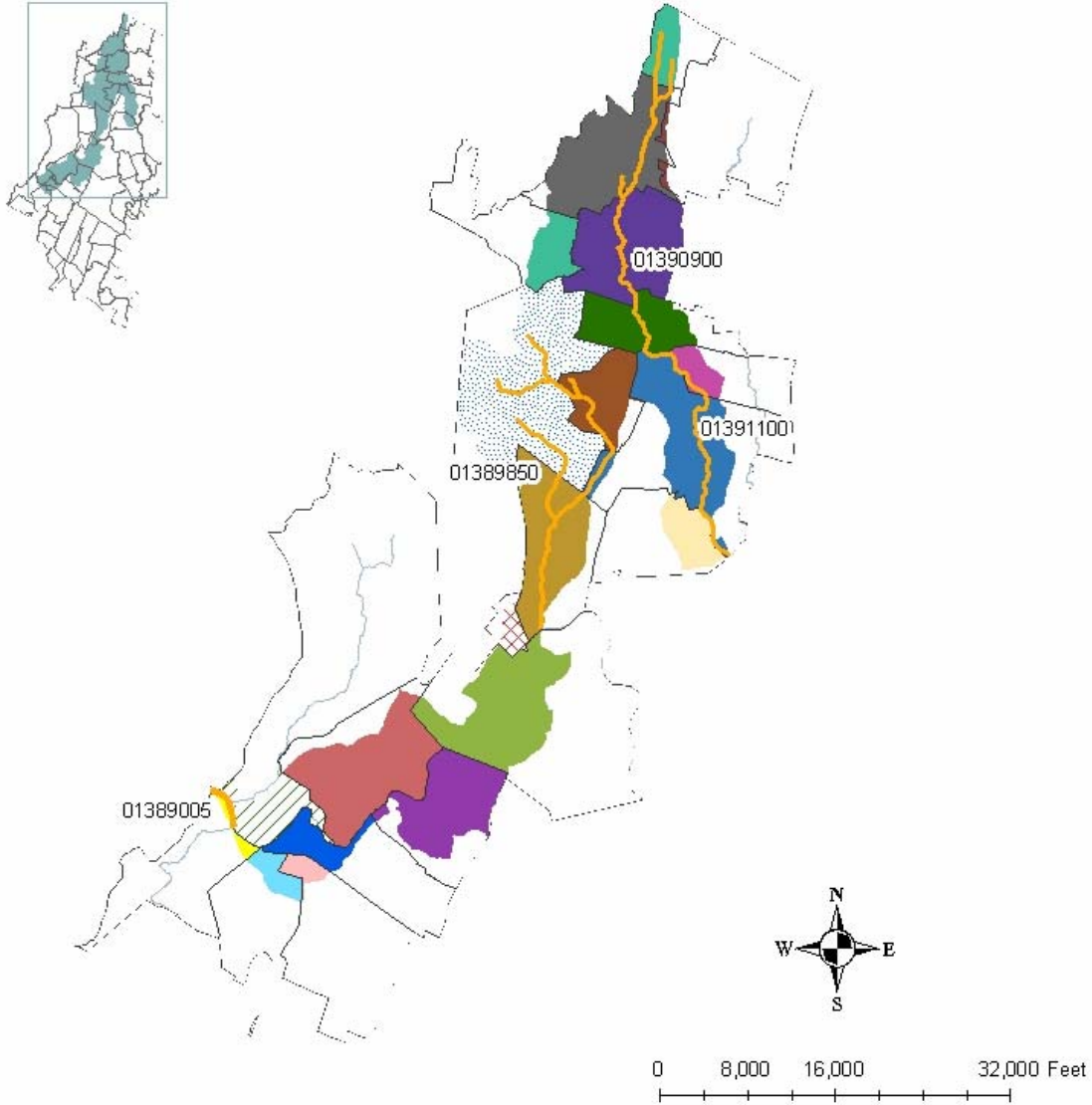
Sections of Municipalities within Affected HUC14 Watersheds

- FRANKFORD TWP
- LAFAYETTE TWP
- WANTAGE TWP



0 7,500 15,000 30,000 Feet

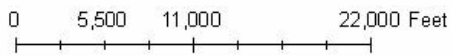
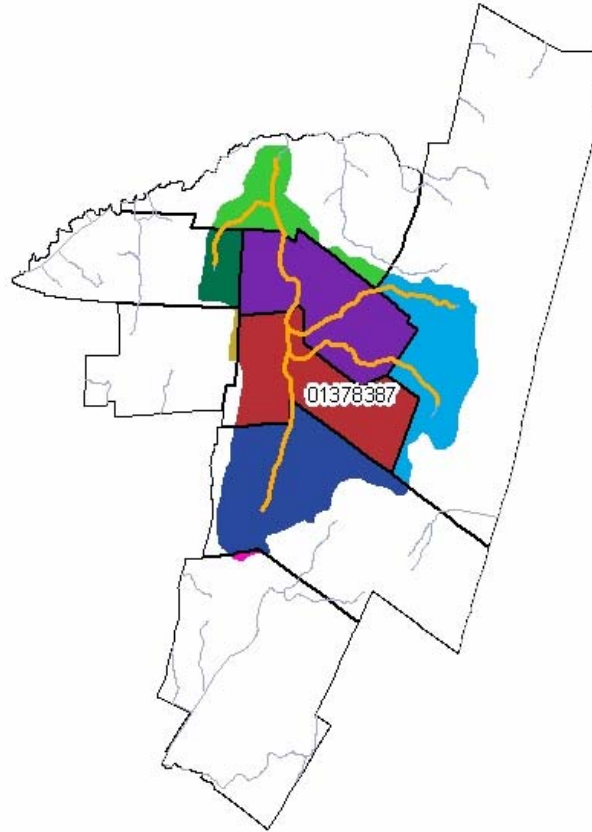
Watershed Management Area 4



Legend

CWTS Impaired Segment	Municipal Boundaries	ALLENDALE BORO	LITTLE FALLS TWP	RIDGEWOOD VILLAGE
Major Streams	CEDAR GROVE TWP	MAHWAH TWP	MDLAND PARK BORO	TOTOWA BORO
	FAIRFIELD TWP	NORTH CALDWELL BORO	PATERSON CITY	UPPER SADDLE RIVER BORO
	GLEN ROCK BORO	PROSPECT PARK BORO	WALDWICK BORO	WAYNE TWP
	HAWTHORNE BORO	RAMSEY BORO	WEST PATERSON BORO	WYCKOFF TWP
	HO-HO-KUS BORO			

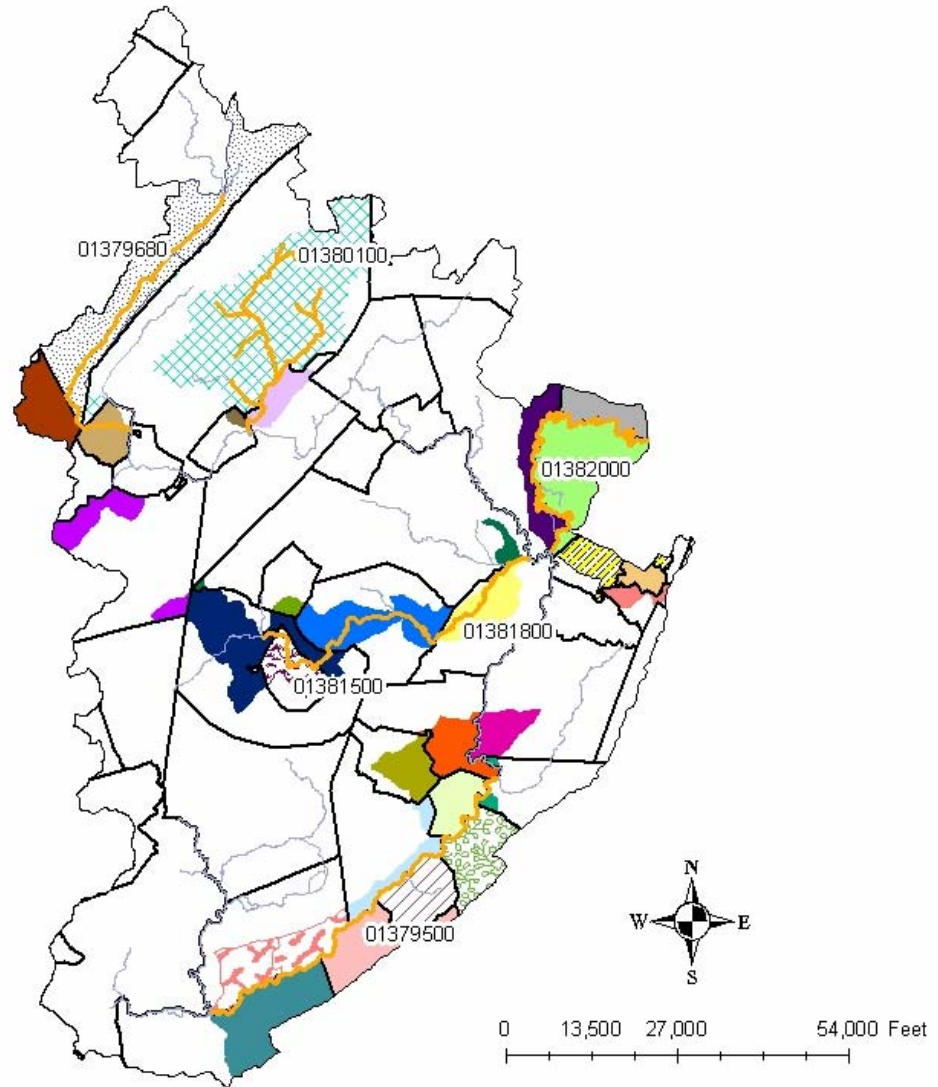
Watershed Management Area 5



Legend

- | | | |
|-----------------------|--|----------------|
| OWTS Impaired Segment | Sections of Municipalities within Affected HUC14 Watersheds | DUMONT BORO |
| Major Streams | ALPINE BORO | ENGLEWOOD CITY |
| | CLOSTER BORO | HAWORTH BORO |
| | CRESSKILL BORO | TENAFLY BORO |
| | DEMAREST BORO | |

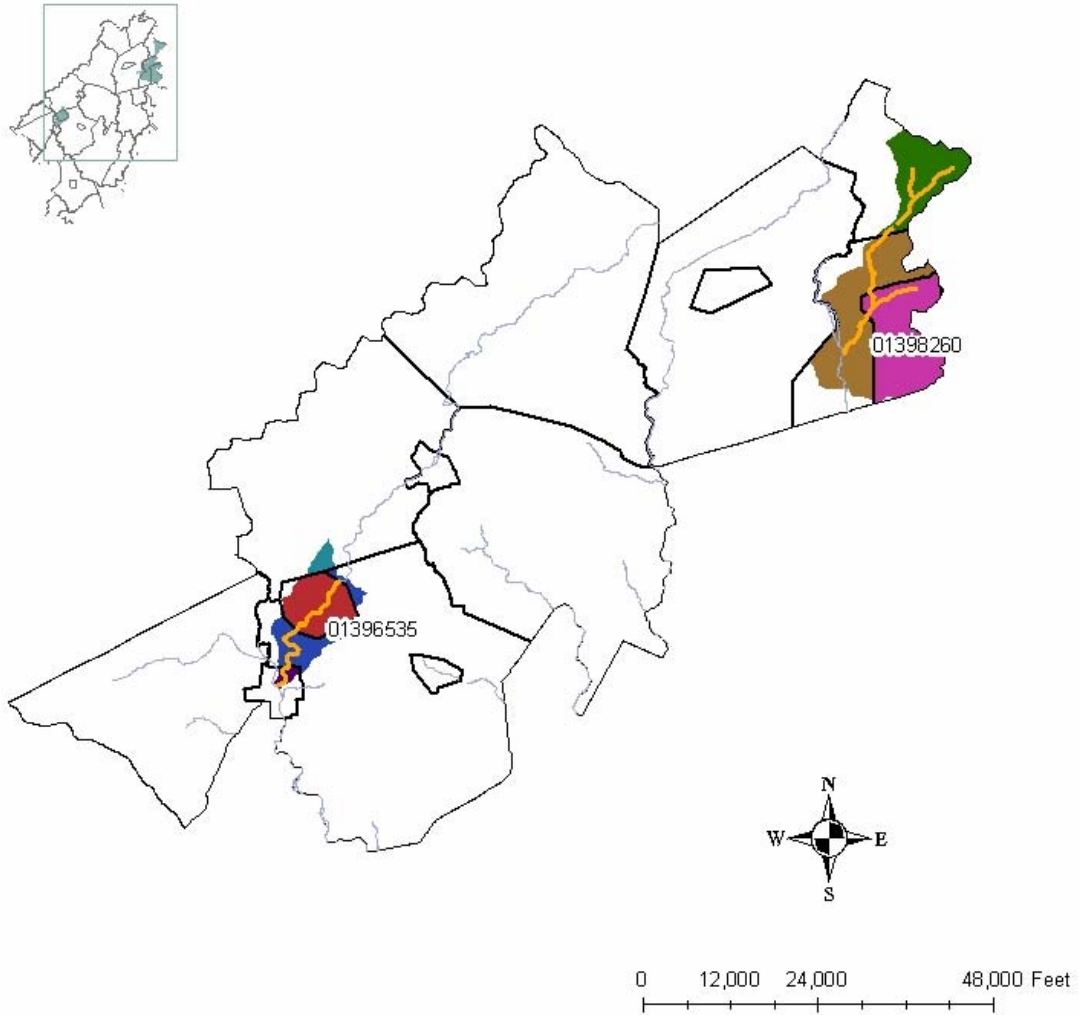
Watershed Management Area 6



Legend

- | | | | | |
|---|---|---|---|---|
| <ul style="list-style-type: none"> OWTS Impaired Segment Major Streams Municipal Boundaries | <ul style="list-style-type: none"> BERKELEY HEIGHTS TWP CALDWELL BORO CHATHAM BORO CHATHAM TWP DENVILLE TWP EAST HANOVER TWP ESSEX FELLS BORO FAIRFIELD TWP FLORHAM PARK BORO | <ul style="list-style-type: none"> HANOVER TWP JEFFERSON TWP LINCOLN PARK BORO LIVINGSTON TWP LONG HILL TWP MADISON BORO MILLBURN TWP MONTVILLE TWP MORRIS PLAINS BORO MORRIS TWP | <ul style="list-style-type: none"> MORRISTOWN TOWNSHIP NEW PROVIDENCE BORO PARSIPPANY-TROY HILLS TWP RANDOLPH TWP ROCKAWAY BORO ROCKAWAY TWP ROXBURY TWP SUMMIT CITY WARREN TWP WEST CALDWELL TWP | <ul style="list-style-type: none"> WHARTON BORO |
|---|---|---|---|---|

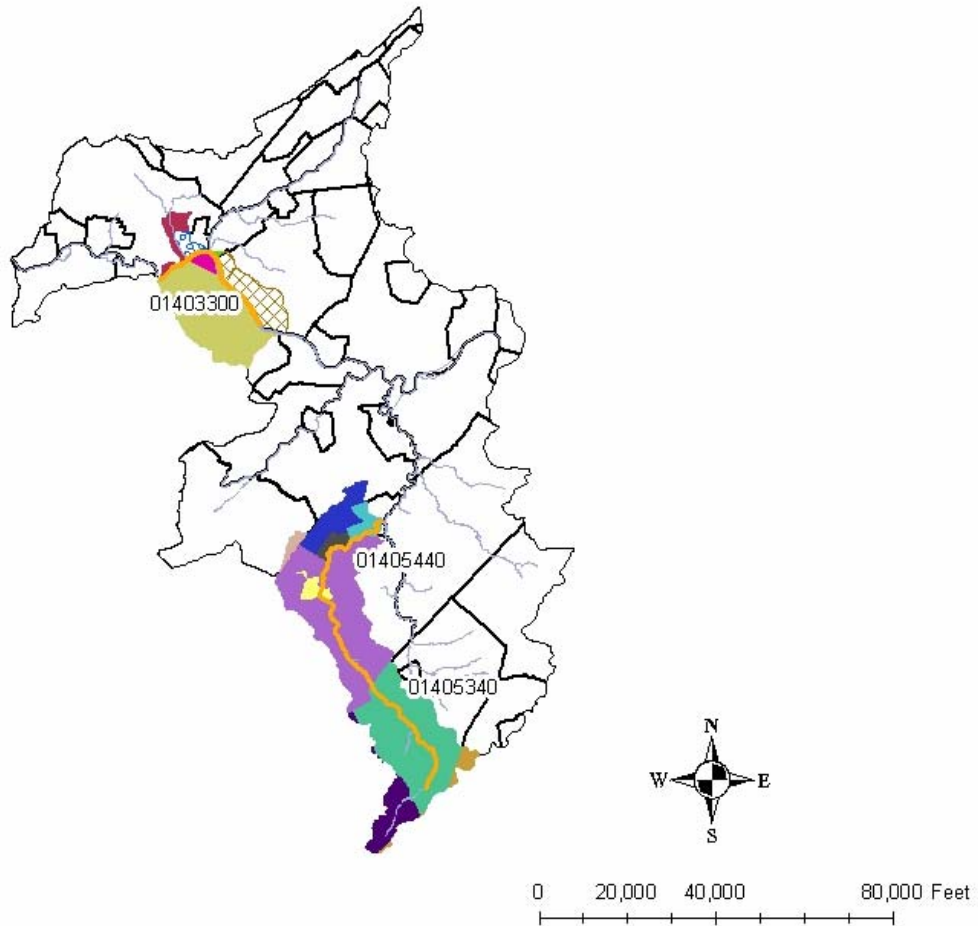
Watershed Management Area 8



Legend

- | | |
|-----------------------|---|
| OWTS Impaired Segment | Sections of Municipalities within Affected HUC 14 Watersheds |
| Major Streams | CLINTON TOWN |
| Municipal Boundaries | CLINTON TWP |
| | HIGH BRIDGE BORO |
| | LEBANON TWP |
| | MENDHAM BORO |
| | MENDHAM TWP |
| | RANDOLPH TWP |

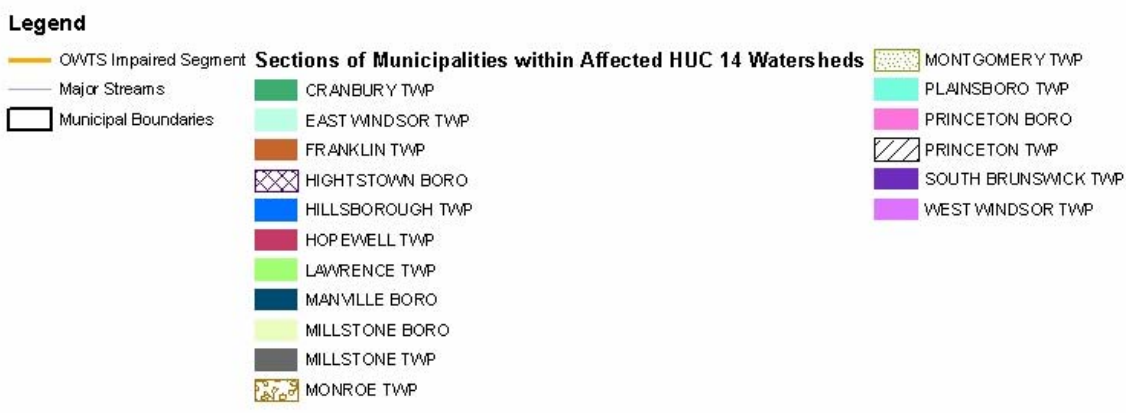
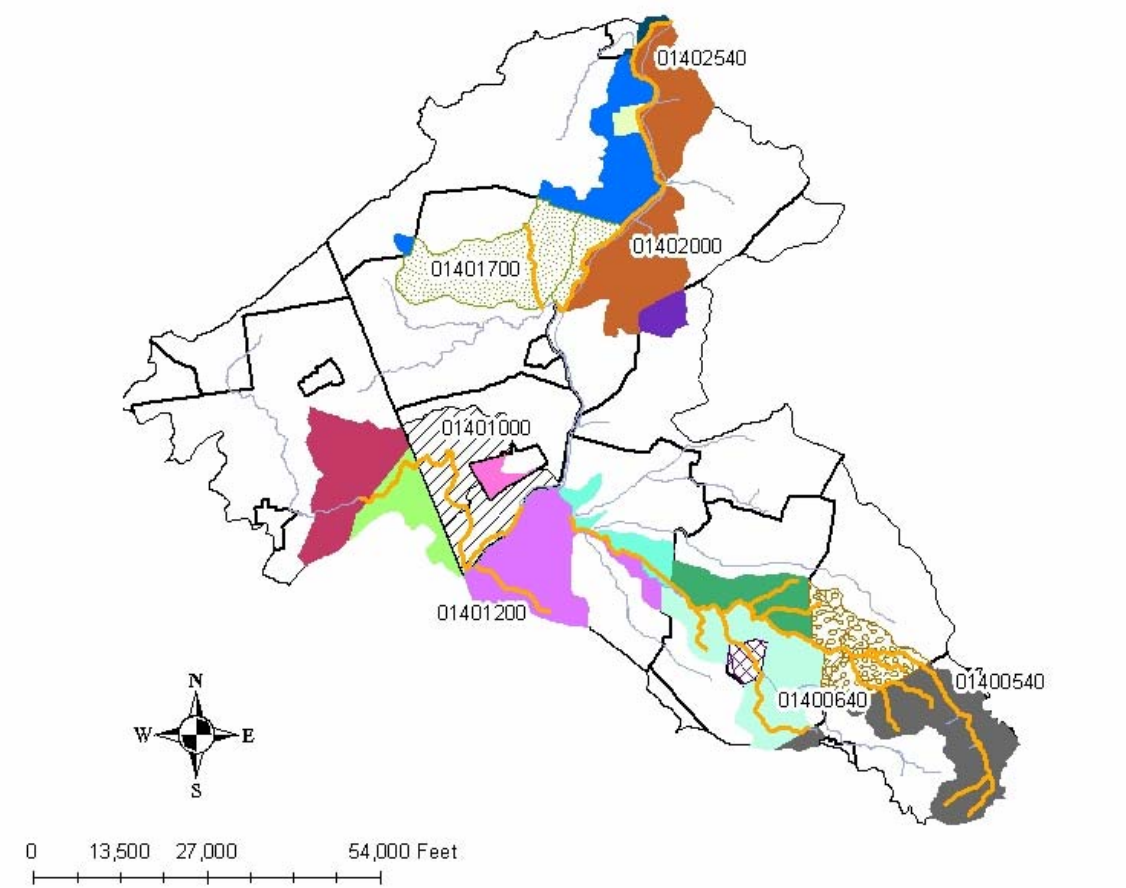
Watershed Management Area 9



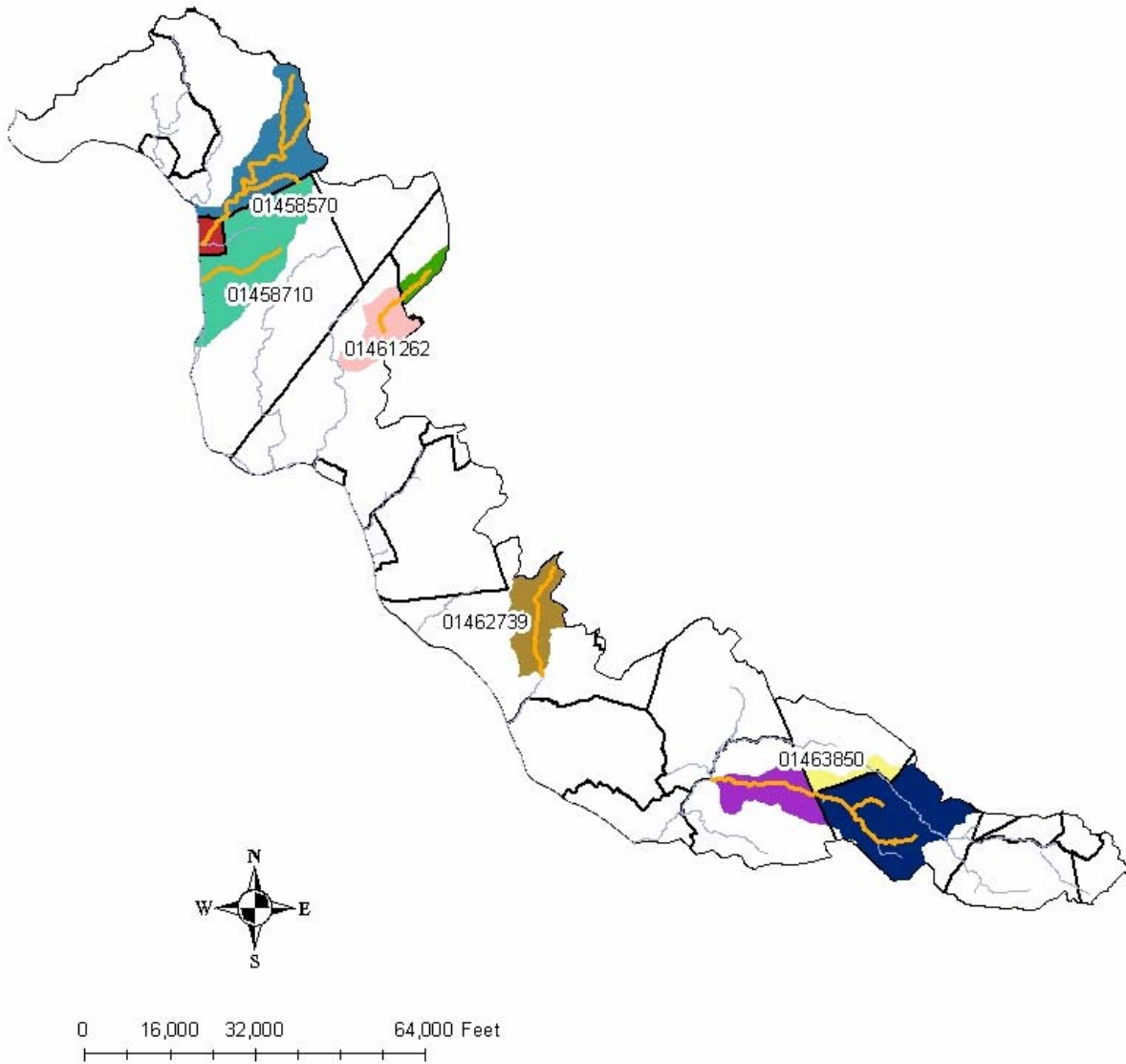
Legend

DWTS Impaired Segment	Sections of Municipalities within Affected HUC 14 Watersheds	MILLSTONE TWP
Major Streams	BOUND BROOK BORO	MONROE TWP
Municipal Boundaries	BRIDGEWATER TWP	PISCATAWAY TWP
	EAST BRUNSWICK TWP	SOUTH BOUND BROOK BORO
	FRANKLIN TWP	SOUTH BRUNSWICK TWP
	FREEHOLD TWP	SPOTSWOOD BORO
	HELMETTA BORO	
	JAMESBURG BORO	
	MANALAPAN TWP	
	MIDDLESEX BORO	

Watershed Management Area 10



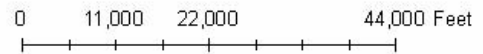
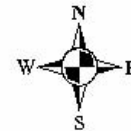
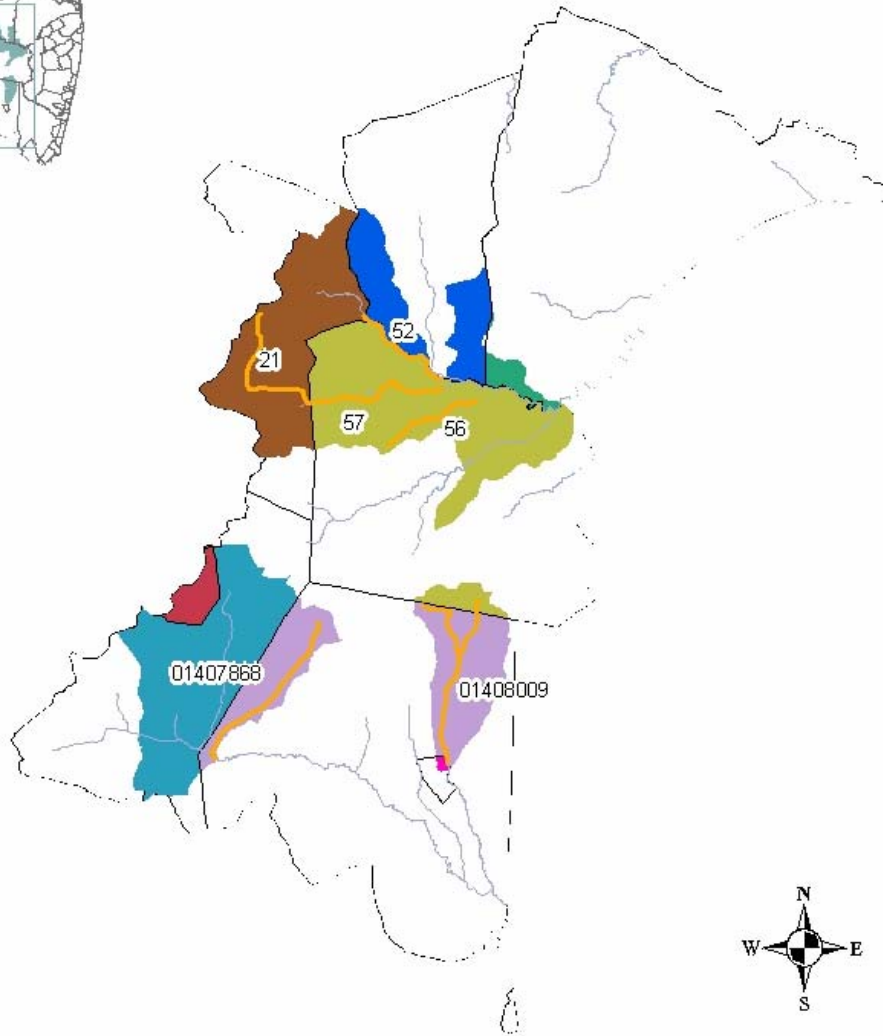
Watershed Management Area 11



Legend

- | | | |
|-----------------------|---|------------------|
| OWTS Impaired Segment | Sections of Municipalities within Affected HUC 14 Watersheds | KINGWOOD TWP |
| Major Streams | ALEXANDRIA TWP | RARITAN TWP |
| Municipal Boundaries | DELAWARE TWP | WASHINGTON TWP |
| | FRENCHTOWN BORO | WEST WINDSOR TWP |
| | HAMILTON TWP | |
| | HOPEWELL TWP | |

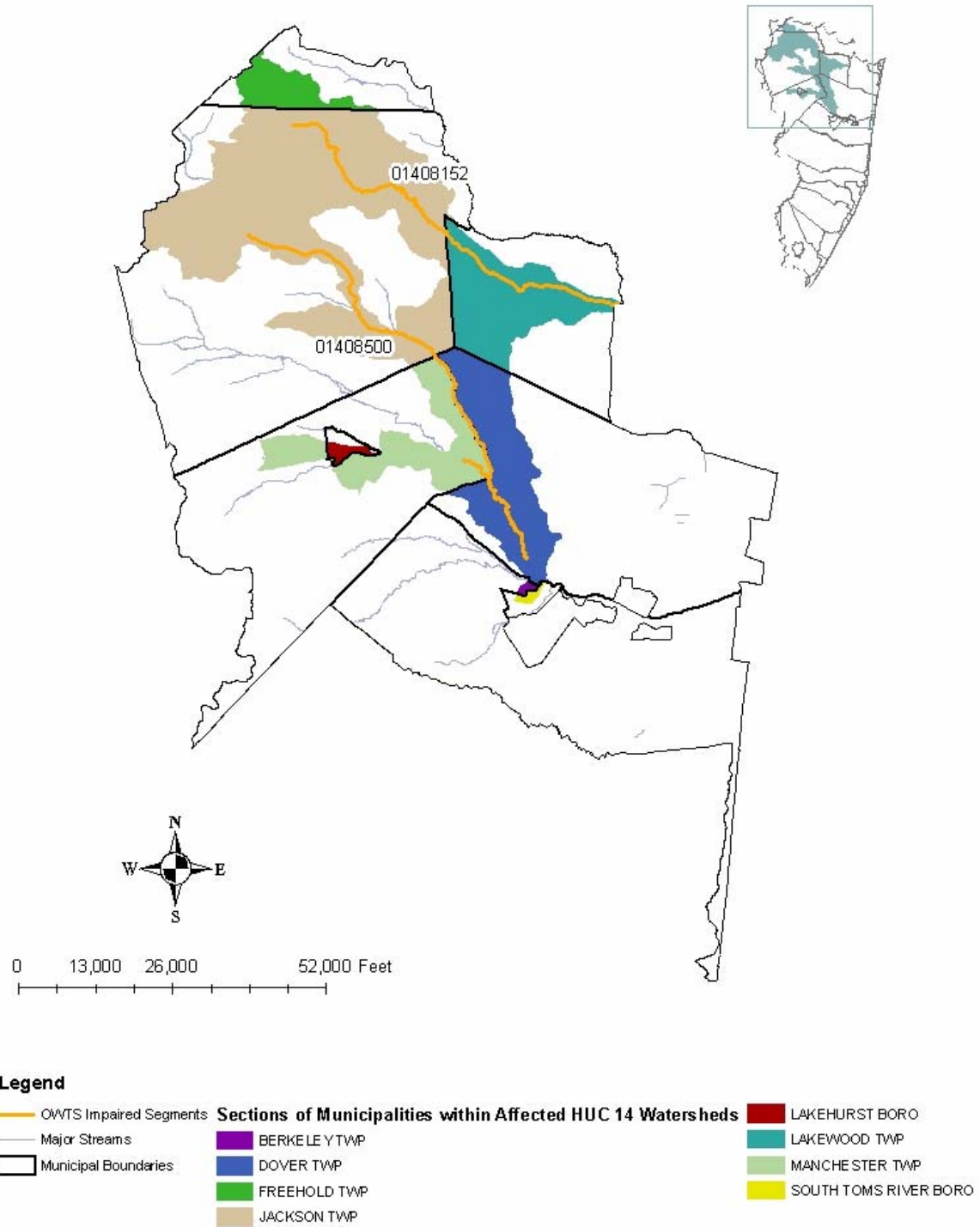
Watershed Management Area 12



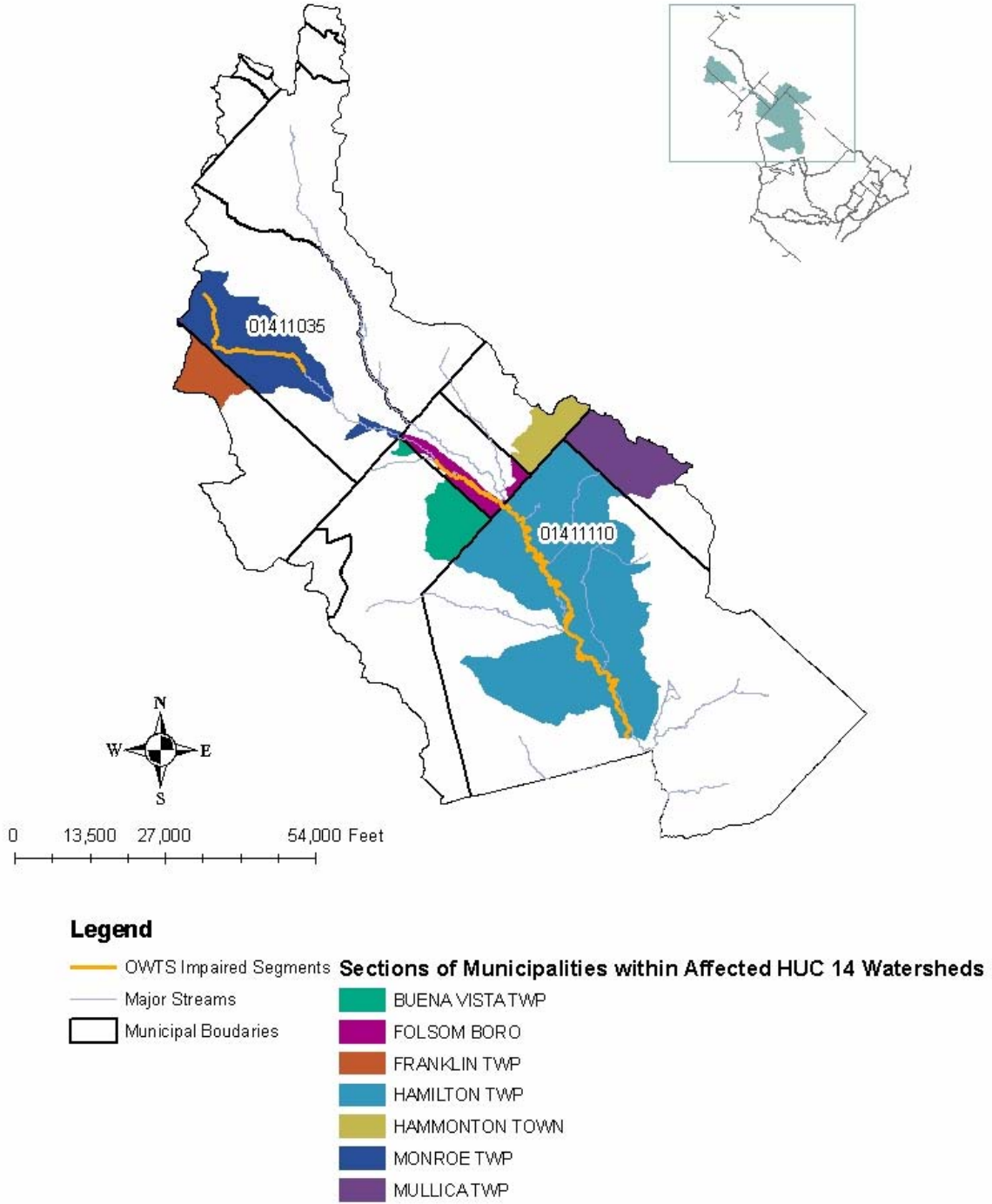
Legend

OWTS Impaired Segments	Sections of Municipalities within Affected HUC 14 Watersheds	HOLMDEL TWP
Major Streams	COLTS NECK TWP	HOWELL TWP
Municipal Boundaries	FARMINGDALE BORO	MARLBORO TWP
	FREEHOLD BORO	MIDDLETOWN TWP
	FREEHOLD TWP	

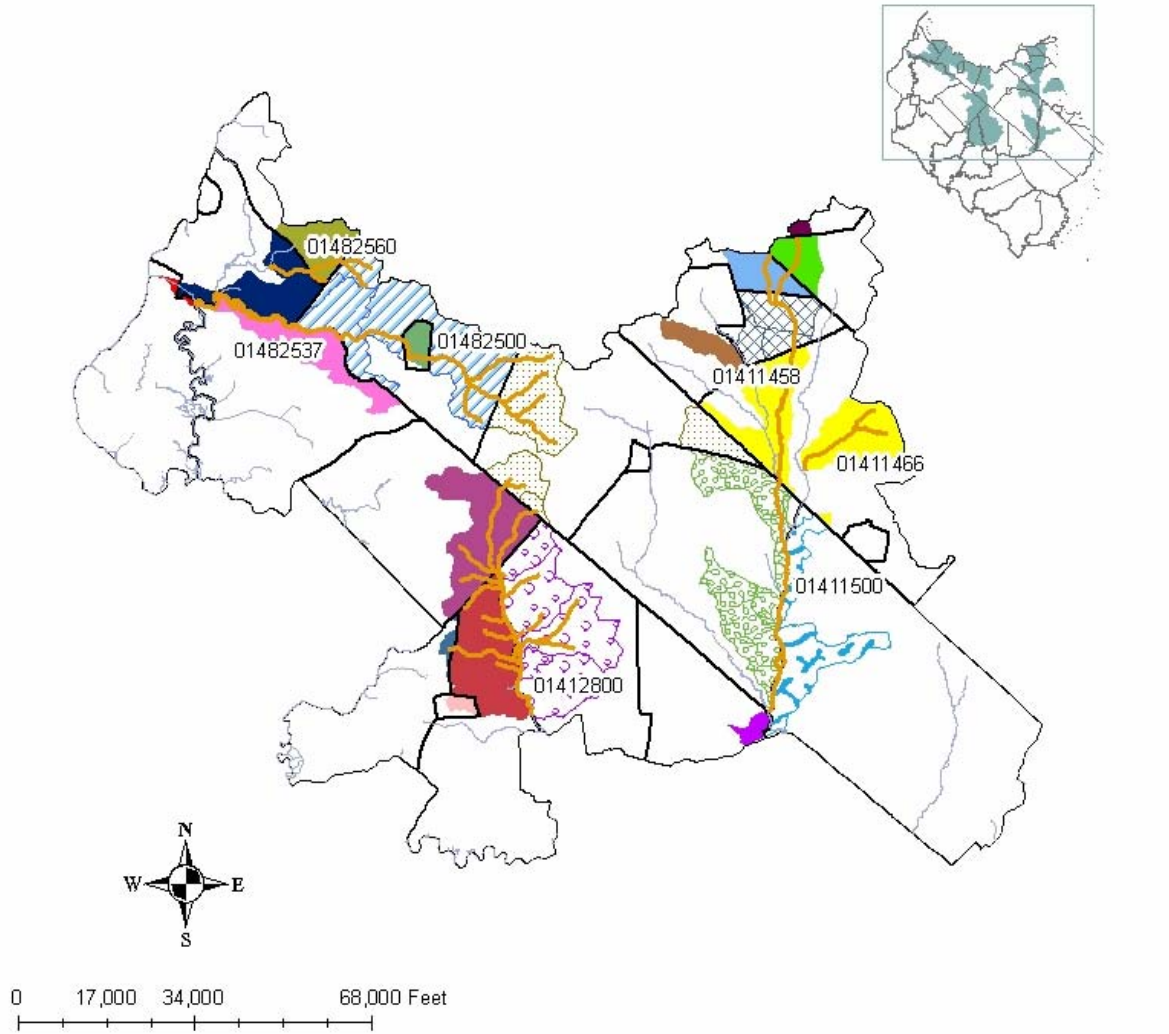
Watershed Management Area 13



Watershed Management Area 15



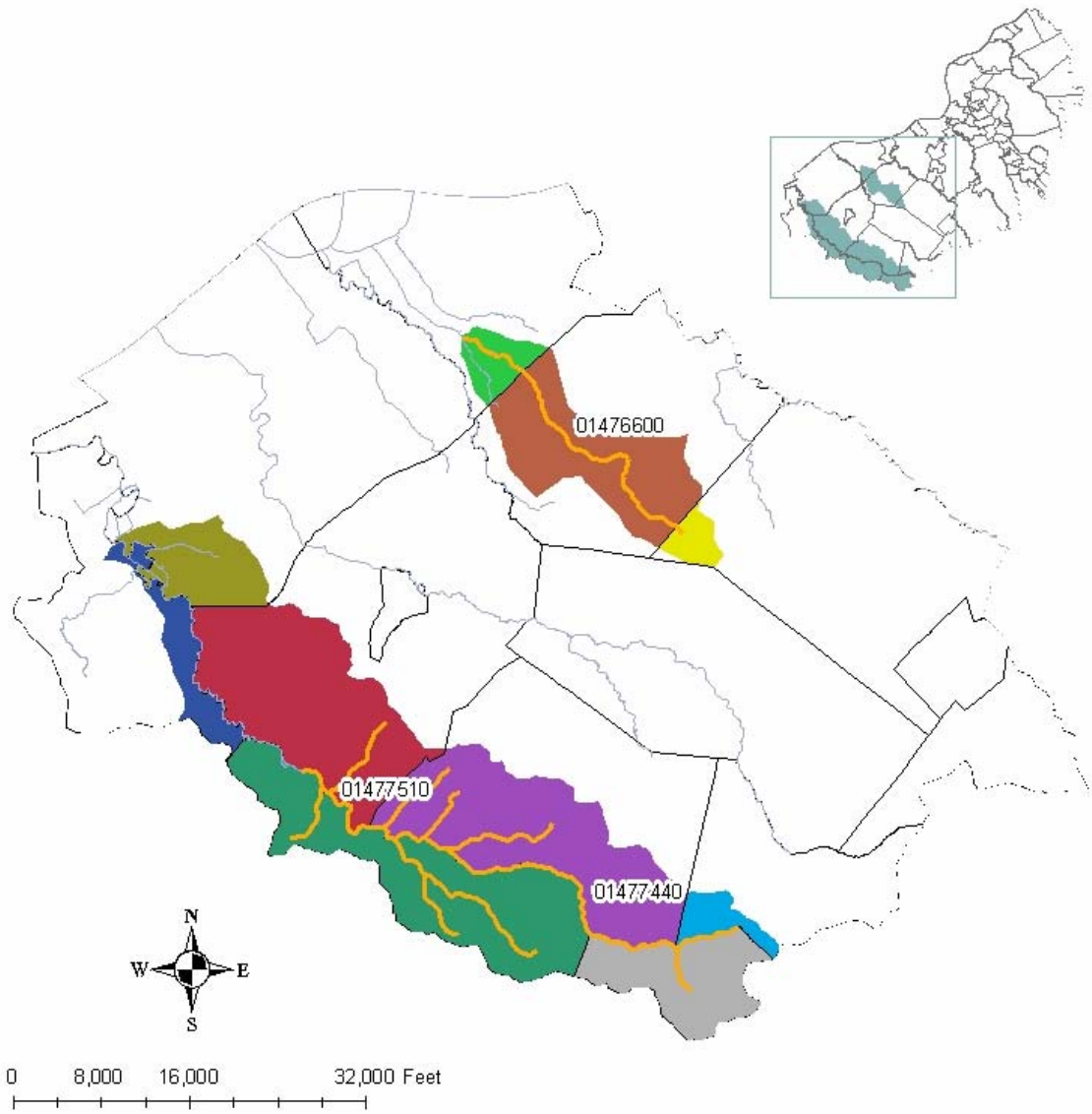
Watershed Management Area 17



Legend

- | | | |
|---|---------------------|---------------------|
| OWTS Impaired Segments | GLASSBORO BORO | UPPER PITTSBORO TWP |
| Major Streams | HOPEWELL TWP | VINELAND CITY |
| Municipal Boundaries | MANNINGTON TWP | WASHINGTON TWP |
| Sections of Municipalities within Affected HUC 14 Watersheds | | |
| ALLOWAY TWP | MONROE TWP | WOODSTOWN BORO |
| CARNEYS POINT TWP | OLDMANS TWP | |
| CLAYTON BORO | PENNSVILLE TWP | |
| DEERFIELD TWP | PILESGROVE TWP | |
| ELK TWP | PITTSBORO TWP | |
| FRANKLIN TWP | SHILOH BORO | |
| | STOW CREEK TWP | |
| | UPPER DEERFIELD TWP | |

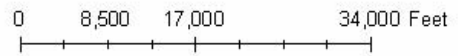
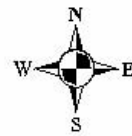
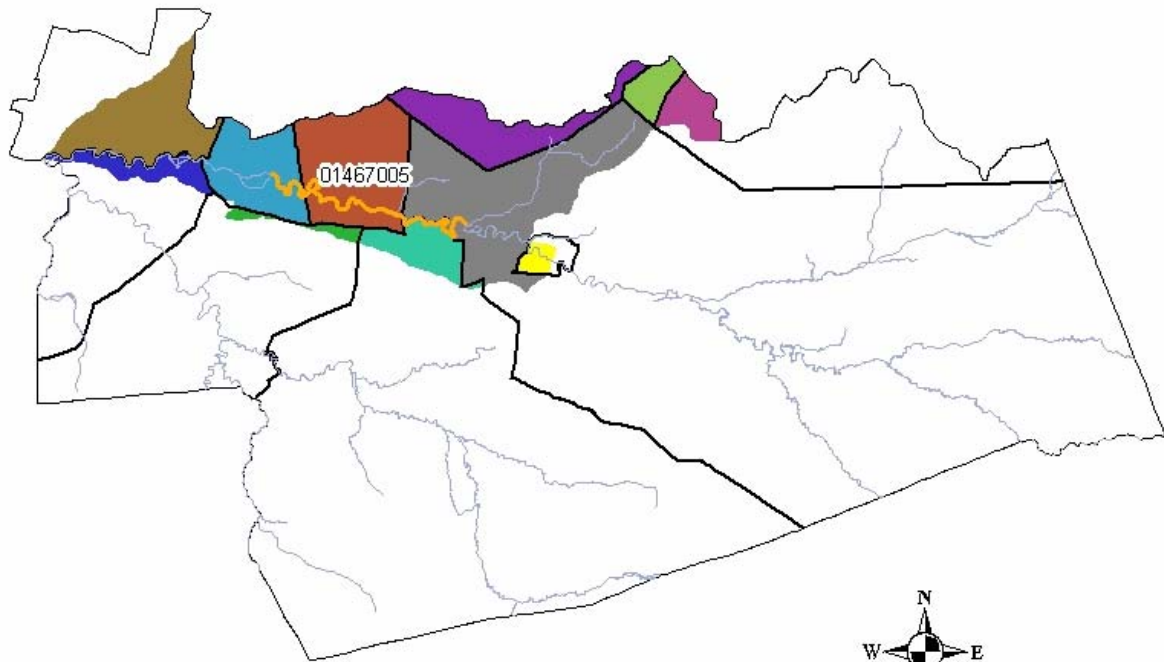
Watershed Management Area 18



Legend

- | | | |
|-----------------------|---|----------------------|
| OWTS Impaired Segment | Sections of Municipalities within Affected HUC 14 Watersheds | PILESGROVE TWP |
| Major Streams | EAST GREENWICH TWP | SOUTH HARRISON TWP |
| Municipal Boundaries | ELK TWP | UPPER PITTSBURGH TWP |
| | GREENWICH TWP | WOOLMICH TWP |
| | LOGAN TWP | |
| | MANTUA TWP | |
| | OLDMANS TWP | |

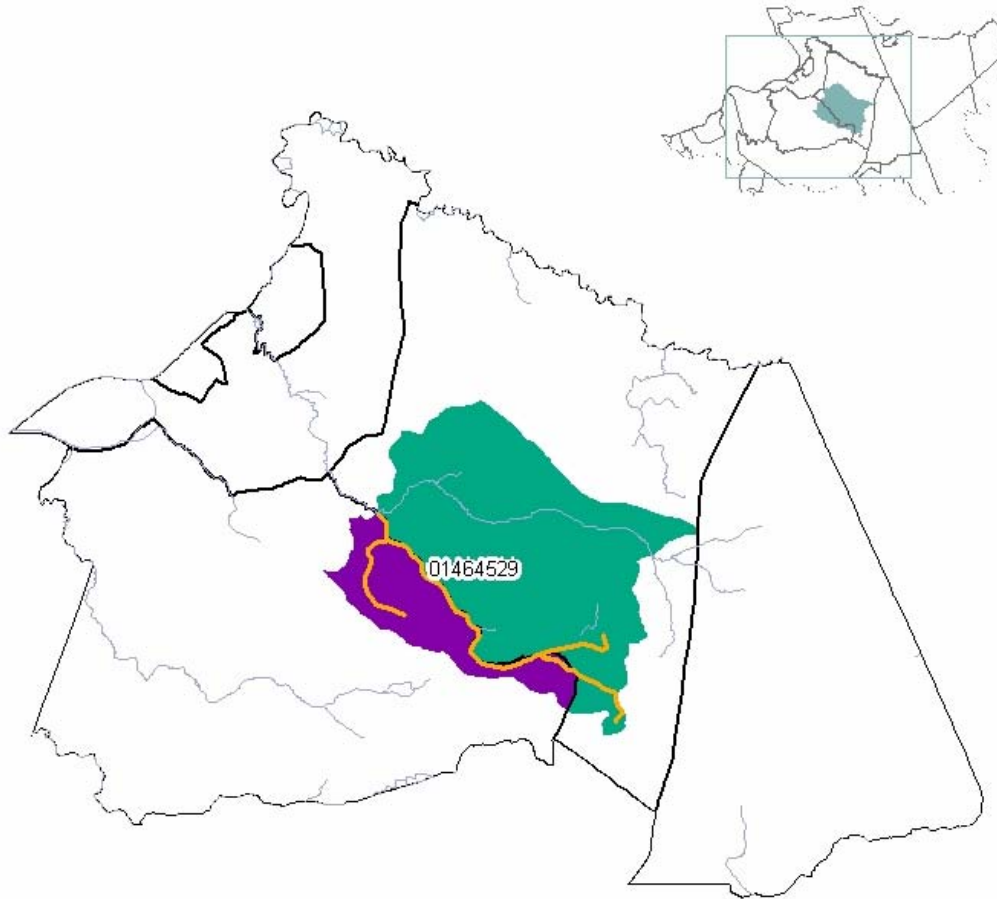
Watershed Management Area 19



Legend

- | | | |
|-----------------------|---|------------------|
| OWTS Impaired Segment | Sections of Municipalities within Affected HUC 14 Watersheds | PEMBERTON TWP |
| Major Streams | EASTAMPTON TWP | SOUTHAMPTON TWP |
| Municipal Boundaries | HAINESPORT TWP | SPRINGFIELD TWP |
| | LUMBERTON TWP | WESTAMPTON TWP |
| | MOUNT HOLLY TWP | WRIGHTSTOWN BORO |
| | NEW HANOVER TWP | |
| | PEMBERTON BORO | |

Watershed Management Area 20



Legend

- | | |
|---|--|
|  OWTS Impaired Segment | Sections of Municipalities within Affected HUC 14 Watersheds |
|  Major Streams |  CHESTERFIELD TWP |
|  Municipal Boundaries |  MANSFIELD TWP |

Appendix C

Proposal Evaluation Criteria

A. Priority

Projects will be assessed based on the funding priorities outlined in Section 1.4 of this RfP.

B. Project Design

Consideration will be given to the description, nature, and extent of the planning activities, as well as how the activities will address the goals and objectives outlined in the scope of work.

C. Project Viability

Projects will be assessed based on their ability to achieve the goals outlined in the proposal, as well as the long-term sustainability of the project goal. Projects should be designed to achieve the project goal, be presented in the proper sequence of events (goal/objective/task), and display well thought out, long-term commitment.

D. Cost Effectiveness

Project costs will be evaluated for overall cost effectiveness (i.e., the maximum product output per dollar spent), as well as the average costs of products and services proposed.

E. Applicant Resources, Ability, and Past Performance

The applicant's demonstration that they possess the resources and ability necessary to perform the proposed project and the capability and authority to implement the plan developed as a result of the project. If the applicant has previously received funding from the DWM, regardless of funding source, past and current performance will be taken into consideration. Timeliness, cooperation with Department staff and partners, and goal achievement will all factor into this evaluation.

F. Other Funding/In-Kind Services

Although a match is not required for projects to be funded, in-kind services demonstrate a long-term commitment to overall project success.

Appendix D

Quarterly Reporting Requirements

Title Page or Cover

Project Title

Project Identification Number

Contact person or project manager, address/telephone number of grantee

Reporting Period

Summary of Progress to Date

The summary must include major project activities implemented, progress in attainment of project objectives, timelines, percentage of task complete, etc.

Slippage Report

The slippage report must describe any deviation from the project timeline or budget, along with an explanation and revised timetable, budget, and completion schedule. Project no cost time extensions must be applied for through the project manager and will only be granted when the grantee has experienced unforeseeable project setbacks. No project will be granted more than one no cost time extension unless an exception is given from the Director of the DWM.

Problems/Issues

This section must describe any problems encountered in project implementation, such as unanticipated events and their consequences, along with a description of the solutions applied (which should cross-reference the slippage report, as applicable).

Expenditure Report:

An expenditure report, also known as Attachment C in the executed grant agreement, must be submitted with every quarterly report. If there are no expenditures for the work period, the expenditure report must be submitted indicating \$0 in the total. Fiscal information should include time sheets, phone logs, mileage logs, bills, and receipts for expenditures related to the project.

Additional Information:

Additional information to be submitted with each quarterly report includes, but is not limited to:

- Summary of activities planned in next project period;
- Surveys;
- Monitoring data and/or results, if applicable; and
- Attendance sheets, if applicable.

Appendix E

Final Reporting Requirements

Title Page or Cover

Project Title

Project Identification Number

Watershed Management Area

Grantee's name, address, and phone number

Consultant's name, address, and phone number (if applicable)

Date of project completion

Date of final report

Grant source: SFY 2006 Section 604(b) Water Quality Planning Grant

Grantee's Signature

The signature of the grantee must be provided, attesting to completion and accuracy of the final report and authorizing its publication and submission/release to the Department for the Department's use.

Identification and Disclaimer

Identification of funding sources and disclaimer (if required)

Executive Summary

A brief summary of the final report, which can also serve as a stand-alone document, must be provided. This summary should include the following:

- A description of the project area;
- A brief summary of the project scope and methodology used;
- Highlights of major results and conclusions; and
- Project implications and recommendations

Results of Project and Evaluation

Applicants must explain, in sufficient detail, the results of the project, including a conclusion and recommendations for action. The results should contain sufficient documentation of the sources of information and methodology used, basis for assumptions and projections, and any other information relevant to or supporting the conclusion and recommendations. The project evaluation should include the following information:

- A summary of the results;
- A detailed evaluation of findings, including relevant tables, graphs, etc.;
- A breakdown of findings by relevant variables;
- A detailed citation of all data sources;
- Implications and recommendations for future action; and
- A description of strategies for assuring utilization of project results.

Appendices

The report is to include any and all report documents developed as a result of the grant as well as a copy of Attachment D of the grant contract.