

CITY OF SOMERS POINT

**Tier A Municipal Stormwater Regulation Program
Stormwater Pollution Prevention Plan**

Municipality: Somers Point
County: Atlantic
NJPDES#: NJG0148199
PIID# 214270

Effective Date of Permit Authorization (EDPA): April 1, 2004

Plan updated 6/7/10

Plan updated 11/25/10

Plan updated 12/9/10

Plan updated 4/15/11

PLAN UPDATED 1/2/14

PLAN UPDATED 12/31/15

PLAN UPDATED 9/24/16

PLAN UPDATED 12/31/16

PLAN UPDATED 12/29/17

**UPDATED
COPY**

City of Somers Point

Atlantic County

SPPP Form 1 - Team Members

Date of Completion: 4/1/05

Date of Most Recent Update: ~~6/7/10~~ 1/2/14 12/29/17

Stormwater Program Coordinator: Wes Swain, City Administrator

Public Notice Coordinator: ~~Lucy Samuelsen~~
Carol Degrassi, City Clerk

Coordinators: Jason Frost, Asst. City Administrator

~~Guy Martin~~ Richard Gray, Superintendent of Public Works

~~Jim McBrien~~ Burt Federman, Construction Official

~~Jim Matt~~ Roger McLarnon, City Engineer's Office Greg Schneider

~~Jim Franklin~~ Roger Steedle, City Solicitor

Tom Venafro, Safety Coordinator

Jason Frost - Assistant City Administrator

Contact phone number: (609) 927-9088 X 128

Emergency phone number: (609) 927-6161

SPPP Form 2 - Public Notice

City of Somers Point Jason Frost, Asst. City Administrator
Lucy Samuelson Atlantic County

Team Members Carol Degrossi, City Clerk

Date of Completion: ~~4/1/05~~ 9/2/2016

Date of Most Recent Update: 12/29/17

By Lucy Samuelson:

For meetings where public notice is required under the Open Public Meetings Act ("Sunshine" Law, N.J.S.A.10:4-6 et seq) the City of Somers Point provides public notice in a manner that complies with the requirements of that act. Also, in regard to the passage of ordinances, Somers Point provides public notice in a manner that complies with the requirements of N.J.S.A.40:49-1 et seq. In addition, for municipal actions subject to public notice requirements in the Municipal Land Use Law (N.J.S.A 40:55D-1 et seq), Somers Point complies with those requirements.

By Jason Frost:

Per the renewed MS4 Tier A permit which takes effect January 1, 2018 the following are to be posted to the City's web site ~~by~~ and updated as required:

1. The Stormwater Pollution Prevention Plan
2. The Municipal Stormwater Management Plan
3. Ordinances required by the permit
(May be published in ordinance form or as Somers Point Code Sections)
 - a.) Pet Waste Ordinance
 - b.) Litter Ordinance
 - c.) Improper Waste Disposal Ordinance
 - d.) Wildlife Feeding Ordinance
 - e.) Containerized Yard Waste Ordinance
 - f.) Illicit Connection Ordinance
 - g.) Refuse Container / Dumpster Ordinance
 - h.) Private Storm Drain Inlet Retrofitting Ordinance

SPPP Form 3 - New Development and Redevelopment

City of Somers Point

Atlantic County

Team Members

Jim McBrien
Burt Federman, Construction Official

Date of Completion:

4/1/05

Date of Most Recent Update:

~~6/7/10~~ 1/2/14

To control stormwater from new development and redevelopment projects throughout the City of Somers Point we will do the following:

The City of Somers Point already insures that all new residential development and redevelopment projects that are subject to the residential site improvement standards for stormwater management (including the NJDEP stormwater management rules, N.J.A.C. 7:8 referenced in those standards) are in compliance with those standards. Our Planning and Zoning Boards insure such compliance before issuing preliminary or final subdivision or site plan approvals under the Municipal Land Use Law.

Since the E.D.P.A., the City of Somers Point has not constructed any new development or redevelopment projects on City property. If we decide to construct such a project before our municipal stormwater control ordinance takes effect, we will insure adequate long term operation and maintenance of BMPs for that project by requiring a project maintenance plan similar to the maintenance plan described in the draft of that ordinance, and by requiring funding the implementation of that plan. We will also require any storm drain inlets that we install to comply with the design standard and attachment C of our permit. Once that ordinance takes effect, we will insure such operation and maintenance for any new development or redevelopment projects on our property by complying with the maintenance requirements in that ordinance. In addition, any storm drain inlets we install for such projects will comply with that ordinance's standards for such inlets.

The City Engineer has drafted a Municipal Stormwater Management Plan which will be adopted by our Governing Body. That plan will be forwarded to the County Planning Office. Our Planning Board and Municipal Attorney will review the model stormwater control ordinance in the New Jersey Storm water BMP manual and will draft a Municipal Stormwater Control Ordinance similar to that model.

Once approved, the ordinance, which will be administered by our Planning and Zoning Boards and Code Enforcement Officer, will control stormwater from non-residential development and redevelopment projects. Where it is necessary to implement the municipal stormwater management plan, the approved ordinance will also control aspects of residential development and redevelopment projects that are not subject to the residential site improvement standards.

For any BMP that is installed in order to comply with the requirements of our post construction program, Somers Point will insure adequate long-term operation as well as preventative and corrective maintenance, including replacement, of BMPs. For BMP's on private property that we do not own or operate, Somers Point intends to do this by adopting and enforcing a provision in the Municipal Stormwater Control Ordinance that requires the private entity to perform the operation and maintenance, with penalties if the private entity does not comply.

Somers Point will also enforce, through the Municipal Stormwater Control Ordinance, compliance with design standards in Attachment C of our permit to control passage of solid and floatable materials through storm drain inlets. Somers Point expects that, for most projects, such compliance will be achieved either by conveying flows through a trash rack as described in the "alternative device exemptions," or by installation of the NJDOT bicycle safe grate, and, if needed, a curb opening with a clear space no bigger than 2 inches across the smallest dimension.

Somers Point adopted its Municipal Stormwater Plan on 4/14/05.

Somers Point adopted its Stormwater Control Ordinance on 3/20/06.

SPPP Form 4 - Local Public Education Program

City of Somers Point

Atlantic County

Team Members

Wes Swain, City Administrator

Date of Completion:

4/1/05

Date of Most Recent Update:

6/7/10

For our annual distribution, we will mail the DEP brochure to our residents and businesses. The brochure will be distributed during the summer, with our tax bills. Extra copies will be available at the local branch of our County library and at our Municipal Building.

Our annual event will be held each year in coordination with our Bayfest Celebration. We will make the DEP brochure and other educational materials available at our table. This event is held in concert with the Earth Day celebration, and typically occurs at the end of April.

In addition, other environmental groups will be invited to set up their own booths during this event.

Somers Point is aware of the 10 point Local Public Education system instituted with the state's 3/1/09 renewal and will select activities each year accordingly.

SPPP Form 5 - Storm Drain Inlet Labeling

City of Somers Point

Atlantic County

Team Members

Guy Martin,
~~Richard Gray~~, Supt. of Public Works

Date of Completion:

4/1/05

Date of Most Recent Update:

6/2/10 12/31/15
12/31/14

The Somers Point Public Works Department will label all storm drain inlets that are along municipal streets and all storm drain inlets within plazas, parking areas, or maintenance yards that are operated by Somers Point.

The label used is a fish, painted blue, using a stencil.

It is anticipated that all catch basins will be labeled no later than the early fall of 2005.

During our annual catch basin cleaning program, the Department of Public Works will check these labels to insure that they are still visible, and if they are not, the labels will be repainted immediately.

Somers Point has ⁶⁴⁹~~648~~ catch basins. All were stenciled and new medallions will be used to replace the stencils as they are worn away.

SPPP Form 6 - MS for Outfall Pipe Mapping

City of Somers Point

Atlantic County

Team Members

Guy Martin,
Richard Gray, Supt. of Public Works

Date of Completion:

4/1/05

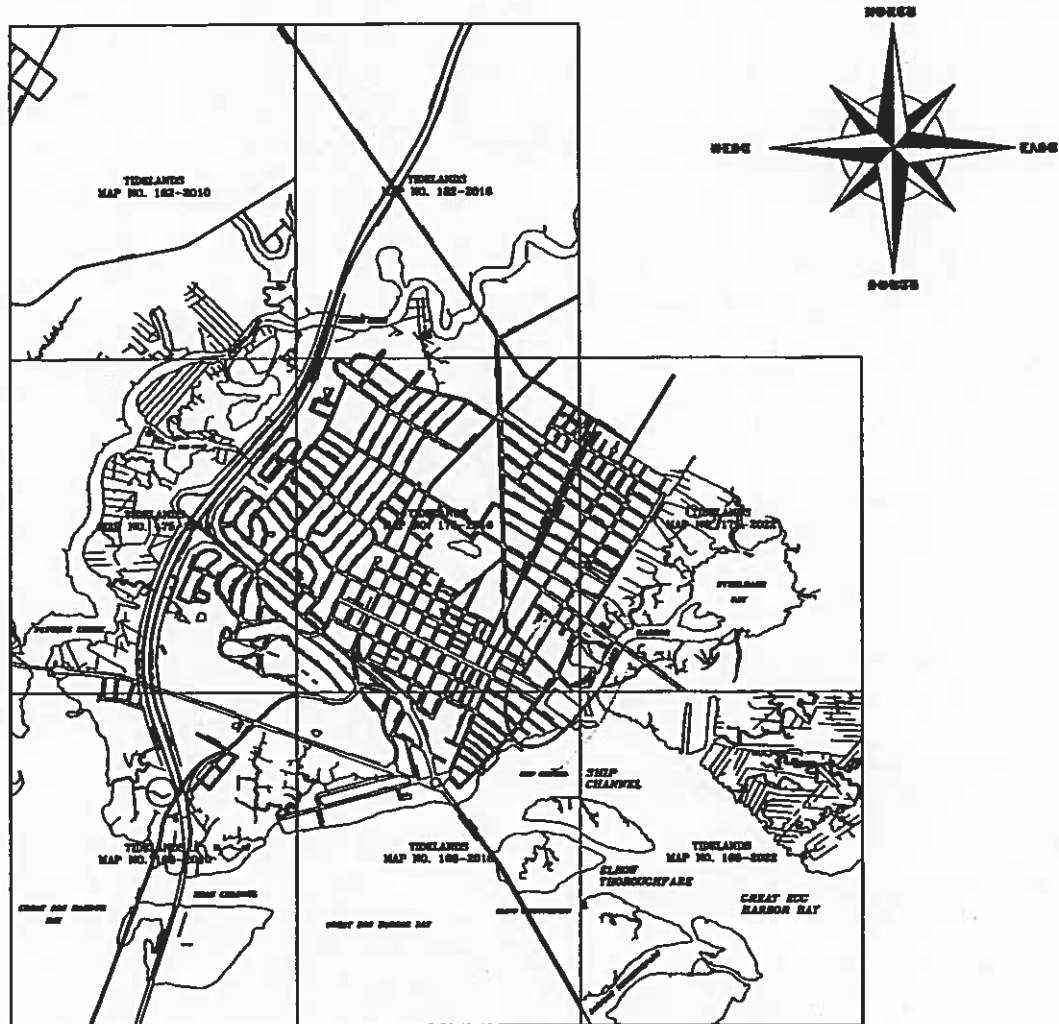
Date of Most Recent Update:

6/7/10

The Somers Point City Engineer has previously developed an outfall pipe map. The outfall locations have been identified by the Department of Public Works using an alpha-numeric numbering system. The scale of the is 1"=200'.

(See attached)

KEY SHEET
OF
TIDELANDS MAPS
SEWERAGE INFRASTRUCTURE IMPROVEMENT ACT
CITY OF SOMERS POINT
PREPARED BY WALKER, PREVITI, HOLMES, & ASSOCIATES
PROJECT NO. 6543.1



KEY MAP SCALE: 1"=1000'

INDIVIDUAL MAP SCALES: 1"=200'

KEY MAP INDICATES POSITION OF INDIVIDUAL MAPS TO ONE ANOTHER

ALL MAPS ARE NORTH ORIENTED

OUTFALLS

- #1 Annie Ave. & Bay Ave.
- #2 Somers Ave. & Bay Ave.
- #3 Delaware Ave. & Bay Ave.
- #4 New Jersey & Bay Ave.
- #5 Higbee Ave. & bay Ave.
- #6 Gibbs Ave. at Bay Ave.
- #7 Decatur Ave. at Bay Ave.
- #8 New York Ave. & Bay Ave.
- #9 Harbor Ave. & Bay Ave.
- #10 Kapella Ave. & Launch Ave. at Bubba Mac Shack
- #11 Groveland Ave. & Bay Ave. southside
- #12 Groveland Ave. & Bay Ave. northside
- #13 Dawes Ave. & Bay Ave. southside
- #14 Dawes Ave. & Bay Ave. northside
- #15 Meyran Ave. & Bay Ave. southside
- #16 Meyran Ave. & Bay Ave. northside
- #17 Harned Ave. & Bay Ave.
- #18 Ocean Ave. & Bay Ave.
- #19 Ocean Ave. & Campbell Ave. -- Deadend. 1- Basin -- manhole behind curb.
- #20 DeFeo Lane & Schoolhouse Dr.
- #21 DeFeo Lane & Edgewood Dr. -- manhole off sidewalk
- #22 Defeo Lane & Edgewood Dr. -- basin

*VOID
see attached*

Page two

OUTFALLS

- #23 Woodlot Court
- #24 Whitman Dr. & DeFeo Lane - dead end house #23
- #25 Whitman Ave. & DeFeo Lane - dead end
- #26 Wilson Ave. & House #29 - manhole
- #27 Wilson Ave. & House #43 - basin
- #28 Foxtail Court - run off
- #29 Cedar Court & Pacific Ave.
- #30 Dartmouth Rd. & Exton Ave. - major
- #31 Bucknell Rd. & House #35 - basin
- #32 Bucknell Rd. & House #51 - basin
- #33 Bucknell Rd. & House #67 - basin
- #34 Yale Blvd. & Exton Rd. - major
- #35 Bala Dr. & House #138
- #36 Bala Dr. & House #126
- #37 Gulph Mill Rd. & House #40
- #38 Gulph Mill Rd. & House #50
- #39 Gulph Mill Rd. & Fresh Spring Cove - House #58 major
- #40 High Bank Park & Ramp

See attached
VOID

PIT OUTFALLS

P1 - 7TH & New Hampshire Ave. at dead end Outfall

P2 - W. Maryland Ave. - Basin apt. #641 Outfall apt. 631 - over fence

Page Three

PIT OUTFALLS

P3 - Marks Rd. & Youth Center

P4 - Third St. & Little League Parking Lot Manhole

P5 - Ramona Court Basin northside

P6 - Sixth St. & Mass. Ave.

DATED: June 25, 2001

*Void
See Attached*

April 2006

Municipal Storm water-City of Somers Point

Storm Drain Outfalls – Sector A (east of rt.9)

51-Annie Ave & Bay Ave.
52-Somers Ave. & Bay Ave.
223-Delaware Ave. & Bay Ave.
3-New Jersey & Bay Ave.
4-Higbee Ave. & Bay Ave.
222-Gibbs Ave. (dead end)
5-Decatur Ave. (dead end)
8-Bay Ave. (across from Hosp. parking lot)
6-New York Ave. & Bay Ave.
15-Harbor Ave & Bay Ave.
!7-Kapella Ave. & Launch Ave.
24-Groveland Ave. & Bay Ave. (southside)
25-Groveland Ave. & Bay Ave. (northside)
27-Dawes Ave. & Bay Ave. (southside)
28-Dawes Ave. & Bay Ave. (northside)
29-Meyran Ave. & Bay Ave. (bayside)
30-Meyran Ave. & Bay Ave. (westside)
31-Harned Ave. & Bay Ave.
32-Ocean Ave. & Bay Ave.
33-34-Campbell Ave. (dead end)
203-New Hampshire Ave. (dead end)(pit outfall)
45-Maryland Ave. & apt. 631 over fence (pit outfall)

April 2006

Municipal Storm water-City of Somers Point

Storm Drain Outfalls – Sector B (west of rt.9)

38-Woodlot Court
39-Whitman Dr. & Defeo (a)
39-Whitman Dr. & Defeo
40-Wilson Ave.& House # 29 (manhole)
216-Wilson Ave & House # 43
41- Foxtail Court (run off)
42- Cedar Court & Pacific Ave.
43- Dartmouth Rd. & Exton
53-Bucknell Rd. & House # 35
54-Bucknell Rd. & House # 51
55-Bucknell Rd. & House # 67
56-57-Yale Blvd. & Exton Rd.
58-Bala Dr. & House # 138
64-Gulph Mill Rd. & House #40
65-Gulph Mill Rd. & House # 50
66-Gulph Mill Rd. & Fresh Spring Cove & House # 58
35-Defeo Lane & Schoolhouse Dr.
36-Defeo Lane & Edgewood Dr. (manhole-sidewalk)
37-Defeo Lane & Edgewood Dr.

SPPP Form 7 - Illicit Connection Elimination Program

City of Somers Point

Atlantic County

Team Members

Guy Martin,
~~Richard Gray~~, Supt. of Public Works

Date of Completion:

4/1/05

Date of Most Recent Update:

6/7/10

Somers Point will complete its initial physical inspection of all outfall pipes before the end of year 2005. We will use the DEP illicit connection inspection report form to conduct these inspections, and each of these forms will be kept with our SPPP records. Outfall pipes that are found and have dry weather flow or evidence of an intermittent non-storm water flow will be rechecked to locate the illicit connection. If we are able to locate the illicit connection the responsible party will be cited for being in violation of the illicit connection ordinance, and we will have the collection eliminated immediately. If, after the appropriate amount of investigation, we are unable to locate the source of the illicit connection, we submit the closeout investigation form with our annual inspection and recertification. If an illicit connection is found to originate from another public entity, Somers Point will report the illicit connection to the department.

Somers Point has completed its Illicit Connection inspection of all its outfall pipes. No illicit connections were found. Somers Point will continue to investigate any complaints.

SPPP Form 8 - Illicit Connection Records

City of Somers Point

Atlantic County

Team Members

Guy Martin,
Richard Gray, Supt. of Public Works

Date of Completion:

4/1/05

Date of Most Recent Update:

6/7/10

Prior to May 2, 2006 <i>Note: Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow.</i> Total number of inspections performed this year? _____ Number of outfalls found to have a dry weather flow? _____ Number of outfalls found to have an illicit connection? _____ How many illicit connections were eliminated? _____ Of the illicit connections found, how many remain? _____
May 2, 2006 – May 1, 2007 <i>Note: Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow.</i> Total number of inspections performed this year? _____ Number of outfalls found to have a dry weather flow? _____ Number of outfalls found to have an illicit connection? _____ How many illicit connections were eliminated? _____ Of the illicit connections found, how many remain? _____
May 2, 2007 – May 1, 2008 <i>Note: Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow.</i> Total number of inspections performed this year? _____ Number of outfalls found to have a dry weather flow? _____ Number of outfalls found to have an illicit connection? _____ How many illicit connections were eliminated? _____ Of the illicit connections found, how many remain? _____
May 2, 2008 – May 1, 2009 <i>Note: Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow.</i> Total number of inspections performed this year? _____ Number of outfalls found to have a dry weather flow? _____ Number of outfalls found to have an illicit connection? _____ How many illicit connections were eliminated? _____ Of the illicit connections found, how many remain? _____

SPPP Form 9 - Yard Waste Ordinance/Collection Program

City of Somers Point

Atlantic County

Team Member

Guy Martin,
Richard Gray, Supt. of Public Works

Date of Completion:

4/1/05

Date of Most Recent Update:

6/7/10

Solid waste collection, including yard waste, is regulated by Chapter 216 of the Codes of the City of Somers Point.

Brush is collected the first full week of each month except November and December. At the appropriate collection times, loose leaves are collected between July and December and bagged leaves are collected between January and June.

Somers Point has well established collection schedules for solid waste, including yard waste. Schedules are sent to all residents twice a year and cover the months from January to June and July through December. These schedules contain other pertinent information regarding rules and regulations for solid waste collection. A copy of a recent schedule is attached to this form.

Somers Point is reviewing its current yard waste regulations, and will modify those regulations, as necessary.



Richard S. Gray
Superintendent
Allen Carney
Assistant Superintendent
Recycling Coordinator

Volume 16, Issue 1 Point of Information January 2005

RESIDENTIAL SANITATION AND RECYCLING SCHEDULE

CALENDAR OF EVENTS FOR RECYCLING, TRASH, BULK & METAL COLLECTION

JANUARY 2005

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
3 CITY Route 1	4 WIDE Route 2	5 BRUSH Route 3	6 COLLECTION Zone 1 Bulk	7 County PROGRAM Zone 2 Bulk
10 Route 1	11 Route 2	12 Route 3	13 Zone 1 Metal Zone 1 Bulk	14 Zone 2 Metal Zone 2 Bulk
17 Martin Luther King Day City Dept's CLOSED	18 Route 1	19 Route 2	20 Route 3	21 County Zone 1 & 2 Bulk
24 Route 1	25 Route 2	26 Route 3	27 Zone 1 Metal Zone 1 Bulk	28 Zone 2 Metal Zone 2 Bulk
31 Route 1				

MARCH 2005

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	1 Route 2	2 Route 3	3 Zone 1 Bulk	4 County Zone 2 Bulk
7 CITY Route 1	8 WIDE Route 2	9 BRUSH Route 3	10 COLLECTION Zone 1 Metal Zone 1 Bulk	11 PROGRAM Zone 2 Metal Zone 2 Bulk
14 Route 1	15 Route 2	16 Route 3	17 Zone 1 Bulk	18 County Zone 2 Bulk
21 Route 1	22 Route 2	23 Zone 1 Metal Route 3	24 Zone 1 & 2 Bulk Zone 2 Metal	25 Good Friday City Dept's CLOSED
28 Route 1	29 Route 2	30 Route 3	31 Zone 1 Bulk	

MAY 2005

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
2 CITY WIDE Route 1	3 BAGGED Route 2	4 LEAF & BRUSH Route 3	5 COLLECTION Zone 1 Metal Zone 1 Bulk	6 PROGRAM Zone 2 Metal Zone 2 Bulk
9 CITY Route 1	10 WIDE Route 2	11 BAGGED LEAF Route 3	12 COLLECTION Zone 1 Bulk	13 County PROGRAM Zone 2 Bulk
16 CITY Route 1	17 WIDE Route 2	18 BAGGED LEAF Route 3	19 COLLECTION Zone 1 Metal Zone 1 Bulk	20 PROGRAM Zone 2 Metal Zone 2 Bulk
23 CITY Route 1	24 WIDE Route 2	25 BAGGED LEAF Route 3	26 COLLECTION Zone 1 Bulk	27 County PROGRAM Zone 2 Bulk
30 Memorial Day City Dept's CLOSED	31 Route 1			

JUNE 2005

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
		1 Route 2	2 Zone 1 Metal Route 3	3 Zone 1 & 2 Bulk Zone 2 Metal
6 CITY Route 1	7 WIDE Route 2	8 BRUSH Route 3	9 COLLECTION Zone 1 Bulk	10 County PROGRAM Zone 2 Bulk
13 Route 1	14 Route 2	15 Route 3	16 Zone 1 Metal Zone 1 Bulk	17 Zone 2 Metal Zone 2 Bulk
20 Route 1	21 Route 2	22 Route 3	23 Zone 1 Bulk	24 County Zone 2 Bulk
27 Route 1	28 Route 2	29 Route 3	30 Zone 1 Metal Zone 1 Bulk	

This is important information, which you should save and refer to, as necessary.

It is important that you follow the guidelines indicated in this newsletter, so that all sanitation and recycling collections can be made in an orderly fashion. That way, our sidewalks and streets will not be cluttered with items which are not on the collection schedule.

"Brush must be tied and bundled or it will not be picked up."

***If any materials are placed out before the 24 hours of your normal scheduled pickup, you may be issued a Summons and subject to a fine!**

If you have any questions about the collection schedule, please contact the Public Works Department at 927-4048, before you have placed the materials out for collection. Collection information is available at www.Somerspoint-nj.com.

FEBRUARY 2005

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	1 Route 2	2 Route 3	3 Zone 1 Bulk	4 County Zone 2 Bulk
7 CITY Route 1	8 WIDE Route 2	9 BRUSH Route 3	10 COLLECTION Zone 1 Metal Zone 1 Bulk	11 PROGRAM Zone 2 Metal Zone 2 Bulk
14 Route 1	15 Route 2	16 Route 3	17 Zone 1 Bulk	18 County Zone 2 Bulk
21 President's Day Observed City Dept's CLOSED	22 Route 1	23 Route 2	24 Zone 1 Metal Route 3	25 Zone 1 & 2 Bulk Zone 2 Metal
28 Route 1				

APRIL 2005

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
				1 County Zone 2 Bulk
4 CITY Route 1	5 WIDE Route 2	6 BRUSH Route 3	7 COLLECTION Zone 1 Metal Zone 1 Bulk	8 PROGRAM Zone 2 Metal Zone 2 Bulk
11 Route 1	12 Route 2	13 Route 3	14 Zone 1 Bulk	15 County Zone 2 Bulk
18 CITY Route 1	19 WIDE Route 2	20 BAGGED LEAF Route 3	21 COLLECTION Zone 1 Metal Zone 1 Bulk	22 PROGRAM Zone 2 Metal Zone 2 Bulk
25 CITY Route 1	26 WIDE Route 2	27 BAGGED LEAF Route 3	28 COLLECTION Zone 1 Bulk	29 County PROGRAM Zone 2 Bulk

This schedule is a public service communication to all residents of the City of Somers Point. We believe that keeping city residents informed is important. This publication was designed and produced by the Department of Public Works. Any comments may be addressed to the Department of Public Works, 830 Center Street, Somers Point, NJ 08244.

Carrier Route Pre-Sort
Postal Customer

1 West Jersey Avenue
Somers Point, New Jersey 08244

City of Somers Point
RESIDENTIAL SANITATION AND
RECYCLING SCHEDULE

BULK RATE
U.S. POSTAGE
PAID
Somers Point, NJ
Permit #25

City of Somers Point
City Hall • 1 West New Jersey Avenue
Daniel Reilly, Mayor
City Council Members
David Parker • Gregg Clayton
John Walsh • Kirk Gerehy
Harvey Smith • Dennis Tapp • Carmen Marotta
www.SomersPoint-nj.com
City Administrator's Office: 927-8938, Ext. 128
City Clerk's Office: 927-9123, Ext. 123
Public Works and Sewerage Department: 927-4048
Atlantic County Recycling Department: 272-6960

KEEP OUR OCEAN AND BAYS CLEAN AND KEEP ALL AND ANY POLLUTANTS OUT OF STORM DRAINS

Zone 1 = East of Route 9

Zone 2 = West of Route 9

Shaded dates indicate that City Offices & Departments are closed.

Routes 1, 2 & 3 - GARBAGE COLLECTION - Monday's, Tuesday's, and Wednesday's - There are no changes in present routes - No person shall place on the curb or mix with household trash or anywhere else at any given time, for purposes of collection any explosive or highly flammable materials or hazardous waste, inclusive of, but not limited to, benzene, gasoline, petroleum, explosive powder, nitrocellulose film or unbroken fluorescent tubes - Route areas can be confirmed by calling the Public Works Department at 927-4048, ext. 140.



County - RECYCLING COLLECTION - Every other Friday - This service is provided and regulated by the Atlantic County Utilities Authority. Items can be commingled and can include aluminum, aerosol cans, beverage and food cans, tin and steel cans; clear, green, or brown glass including jars and plastic bottles. Newspapers and cardboard must be flattened, tied and bundled. Aerosol cans must be emptied - DO NOT include plastic tops. Call 272-6960 for information.



BULK COLLECTION - Every Thursday and Friday - Items include furniture, rugs, non-metal, wood, etc. Any excessive amounts contact the Public Works Department. No: Automobile or Truck Tires and No Automobile Batteries.

Zone
1 & 2
Bulk

METAL COLLECTION - Every other Thursday or Friday depending upon zone - Items include metal and metal goods such as washers, dryers, refrigerators, etc. **REFRIGERATOR AND FREEZER DOORS MUST BE REMOVED FOR SAFETY PURPOSES.**
No: Propane tanks, gas or liquid tanks.

Zone 1 & 2
Metal

BRUSH COLLECTION - Important rules to follow:

1. Brush should be placed at the curbside prior to the beginning of your brush collection schedule. It should not be placed at curbside any sooner than 24 hours prior to the beginning of your brush collection schedule.
2. Amount of brush to be placed at curbside for any collection shall be no more than three feet long and two feet in diameter, weighing less than 50 lbs. Each individual limb, branch or other tree parts must not exceed eight inches in diameter.
3. Limbs and branches must be bundled with string for handling purposes. Bundles must be secured and shall not impede pedestrian or vehicular traffic. Smaller branches, weeds and leaves must be bundled shall be placed in a plastic or metal trash container, and shall weigh less than 25 lbs.
4. Homeowners will be responsible for removing brush from their premises and placing it at the curbside that the city will collect.

HOMEOWNERS ARE REQUESTED TO REMOVE BRUSH FROM THE STREET UNTIL IT IS TIME TO PLACE BRUSH AT CURBSIDE ACCORDING TO ZONE SCHEDULE.

City Wide Leaf Collection - Begins during the first week in November.



Only raked leaves will be collected during November and December. Bagged leaves are not permitted at curbside during these months, and will not be collected. Residents should comply with normal schedule and have leaves at curbside during normal published times.

*No Branch Collection During Leaf Season. *NOTE - Do not mix Branches with Leaves

LANDSCAPERS

Ordinance 18-88 Sec. 10: Any material resulting from commercial landscapers, lawn contractors, tree surgeons and the like must be disposed of by the vendor.

SPPP Form 10 - Ordinances

City of Somers Point

Jim Franklin

Atlantic County

Team Members

Roger Steadte, City Solicitor

Date of Completion:

4/1/05

Date of Most Recent Update:

6/7/10
12/9/10

1. Pet waste: Somers Point Code Chapter 120 (existing)
(Information sheets regarding pet wastes are distributed with pet licenses)
Adopted 11/21/85
2. Litter: Somers Point Code Chapters 169, 120-7, and 85-1 (all existing)
Adopted 3/9/89
3. Improper Waste Disposal: Somers Point Code Chapter 216 (existing)
Adopted 11/10/88
4. Wildlife Feeding: Somers Point Code Chapter 120 (existing)
Adopted 11/21/85
5. Yard Waste: Somers Point Code Chapter 216 (existing)
Adopted 11/10/88
6. Illicit Connections: Pending review of the NJDEP model ordinance and adoption by the governing body.
Adopted 9/8/05

All existing codes are being reviewed at this time in order to ascertain their conformance with the NJDEP model ordinances. Any required changes will be effective on or before October 1, 2005.

Somers Point codes are enforced as designated in the individual ordinances. The enforcement is provided by either the Department of Public Works Superintendent, Code Enforcement Officer, or Police, or a combination thereof.

7. Dumpster ordinance Adopted 11/25/10

8. Storm Drain Retrofit Ordinance Adopted 12/9/10

SPPP Form 11 - Storm Drain Inlet Retro Fitting

City of Somers Point

Atlantic County

Team Members

Guy Martin,

~~Jim Moty,~~

~~Richard Gray, DPW Supt. :~~

~~Roger McInnon~~

Road Engineer

Date of Completion:

4/1/05

Greg Schneider

Date of Most Recent Update:

~~6/7/10~~ 1/2/14

For most projects the City of Somers Point will use the NJ DOT bicycle grate style and, if needed, a curb opening with a clear space no bigger than two inches across the smallest dimension.

The City of Somers Point does not operate any alternative devices within the municipality. At this time, we do not plan to install any such devices for repaving, repairing, reconstruction or alteration projects. Also, we do not plan to claim any historic place exemptions.

Repaving Project Data

Project Name	Projected start date	Start Date	Completion date	# of storm drain inlets	# of storm drains with hydraulic exemptions
2004 Road Program (various streets) Lashley Ave. Cleveland Ave. Pleasant Ave. Ninth St. Jefferson Ave.	9/2/04	9/2/04	summer 2005	19	0

Note that records on Storm Drain Inlet Retro Fitting are kept by the City Administrator and are available upon request.

**SPPP Form 12 - Street Sweeping and Road Erosion Control
Maintenance**

City of Somers Point

Atlantic County

Team Members

Guy Martin,
~~Richard Gray~~, D/W Supt.

Date of Completion:

4/1/05

Date of Most Recent Update:

6/7/10

Street Sweeping

Streets that are:

- (1.) Owned or Operated by Somers Point,
- (2.) Curbed and have Storm Drains,
- (3.) Have a Posted Speed Limit of 35 MPH or Less,
- (4.) Are Not Entrance or Exit Ramps,
- (5.) Are in Predominately Commercial Areas

will be swept on monthly basis.

The affected streets are: Bethel Road, Bay Ave. (south of Maryland) and West Laurel Drive.

Somers Point will maintain its existing street sweeping program for all other streets which includes sweeping all streets at least once per year.

A street sweeping log is attached to this form.

Road Erosion Control Maintenance

The Somers Point Public Works Department will monitor all roads and streets for erosion problems during normal patrols. All identified road erosion problems will be reported to the Superintendent of Public Works. The Superintendent of Public Works will prioritize repairs and, if necessary, discuss the repair priority with the City Administrator. Road erosion problems will be repaired in accordance with the standards for soil erosion and sediment control in New Jersey. Maintenance personnel will maintain an inspection log and the Superintendent of Public Works will maintain a list of all repairs and the dates completed. The status of the road erosion control maintenance program will be included in the annual report and recertification.

STREET SWEEPING LOG FOR DEP 2005

THE STREETS LISTED ARE TO BE SWEEP ON A MONTHLY BASIS:
BETHEL, BAY, LAUREL AS PART OF THE MUNICIPAL STORMWATER
REGULATIONS.

	BETHEL	BAY	LAUREL
JAN.	X	X	
FEB.			
MAR.		X	X
APR.			
MAY			
JUN.			
JUL.			
AUG.			
SEP.			
OCT.			
NOV.			
DEC.			

ROAD ERROSION CONTROL MAINTENANCE 2005

INSPECTION LOG

DATE	LOCATION	ACTION TAKEN
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SPPP Form 13 - Storm Water Facility Maintenance

City of Somers Point

Atlantic County

Team Members

Guy Martin,
~~Richard Gray~~, DEP Supt.

Date of Completion:

4/1/05

Date of Most Recent Update:

6/7/10

Somers Point will maintain its existing catch basin cleaning program to maintain catch basin function and efficiency. All catch basins are inspected at least once per year. If, at the time of inspection, no sediment, trash or debris is observed in the catch basin, then the catch basin is not cleaned. At the time of cleaning, the catch basin is also inspected for proper function. Maintenance will be scheduled for those catch basins that are in disrepair.

Somers Point will continue its stormwater facility maintenance program to insure that all stormwater facilities operated by the City function properly. Somers Point operates catch basins, storm drains, infiltration basins, buffer strips, and swales.

These stormwater facilities are inspected at least annually to insure that they are functioning properly. Preventative maintenance is performed on all stormwater facilities to make sure that they do not begin to fail.

Attached is a maintenance log containing information on repairs/maintenance performed on stormwater facilities.

STORMWATER FACILITY MAINTENANCE PROGRAM 2005

NOTE: ALL BASINS ARE INSPECTED AT LEAST ONCE PER YEAR.

MAINTENANCE/CLEANING

BASIN#	DATE
19	1/10
18	1/10
17	1/10
16	1/10
15	1/10
14	1/10
13	1/10
12	1/10
11	1/10
10	1/10
9	1/10
20	2/15

BASIN#	DATE
21	2/15
22	2/15
23	2/15
E-185	2/22
E-186	2/22
34	2/23
36	2/23
37	2/23
38	2/23
39	2/23
24	2/23
25	2/23

SPPP Form 14 - Outfall Pipe Stream Scouring Remediation

City of Somers Point

Atlantic County

Team Members

Guy Martin,
~~Richard Gray~~, DPW Supt.

Date of Completion:

4/1/05

Date of Most Recent Update:

6/7/10

Outfall pipes will be checked for signs of scouring at the same time inspections are done for illicit connection.

Any sites showing signs of scouring will be placed on a prioritized list and repairs will be made in accordance with the standards for soil erosion and sediment control in New Jersey. In addition, repairs that do not need NJDEP permits for those repairs may be done first. Any sites showing scouring will be inspected annually to insure that scouring has not resumed.

At this time there are no indications of any sites with outfall pipe stream scouring.

SPPP Form 15 - Deicing Material and Sand Storage

City of Somers Point

Atlantic County

Team Members

Guy Martin,
~~Richard Gray, DPW Supt.~~

Date of Completion:

4/1/05

Date of Most Recent Update:

6/7/10

Somers Point stores its deicing salt and stock piles contained in a "salt shed". This shed is a wooden building, constructed over a concrete slab of floor. This facility is inspected at least monthly, to ascertain that the integrity of the storage facility is maintained.

The City of Somers Point does not store sand for use in deicing operations.

SPPP Form 16 - Standard Operating Procedures

City of Somers Point

Atlantic County

Team Members

Guy Martin,
Richard Gray, DPW Supt.

Date of Completion:

4/1/05

Date of Most Recent Update:

~~6/7/10~~ 4/15/11

FUELING OPERATIONS - Effective date of SOP - April 1, 2005

Diesel fuel and gasoline fueling facilities are located at the Public Works facility at 830 Center Street. These fueling facilities will be inspected once per month.

VEHICLE MAINTENANCE - Effective date of SOP - April 1, 2005

Monthly inspections will be held to insure that this SOP is being met.

GOOD HOUSEKEEPING PRACTICES - Effective date of SOP - April 1, 2005

Monthly inspections of all municipal maintenance yards and ancillary operations will be held.

See list of vehicles stored outside, attached.
(updated - 4/15/11)

CITY OF SOMERS POINT

Standard Operating Procedures Vehicle Maintenance

Introduction and Purpose

This SOP contains the basic practices of vehicle maintenance to be implemented by the City of Somers Point. The purpose of this SOP is to provide a set of guidelines for Somers Point vehicle maintenance activities.

Scope

This SOP applies to all maintenance yards, including maintenance activities at ancillary operations within the City of Somers Point.

Standards and Specifications

- Conduct vehicle maintenance operations only in designated areas.
- When possible, perform all vehicle and equipment maintenance at an indoor location with a paved floor.
- Always use drip pans.
- Absorbent spill clean up material shall be available in the maintenance areas and shall be disposed of properly after use.
- Maintenance area shall be protected from stormwater run on and run off, and shall be located at least 50 ft. downstream of drainage facilities and watercourses.
- Use portable tents or construct a roofing devise over long-term maintenance areas and for projects that must be performed outdoors.
- Do not dump or dispose oils, grease, fluids and lubricants onto the ground.
- Do not dump or dispose batteries, used oils, antifreeze and other toxic fluids into a storm drain or watercourse.
- Do not bury tires.
- Collect waste fluids in properly labeled containers and dispose of them properly.

Spill Response and Reporting

- Provide spill containment dikes for secondary containment around stored oils and other fluid storage drums.
- Conduct cleanups of any fuel spills immediately after discovery.
- Spills are to be cleaned up using dry cleaning methods only. Spills shall be cleaned up with a dry, absorbent material and the rest of the area is to be swept.
- Collected waste is to be disposed of properly.
- Contact the Somers Point spill response team (Fire Department) at 927-6161.

Maintenance and Inspection

- Periodically check for leaks and damaged equipment and make repairs as necessary

CITY OF SOMERS POINT

Standard Operating Procedures Vehicle and Equipment Fueling

The City of Somers Point maintenance yard with fueling operations, both diesel and gasoline, is the yard at 830 Center Street.

Introduction and Purpose

Vehicle and equipment fueling procedures and practices are designed to minimize surface or ground water contamination. Understanding the procedures for delivery fuel into vehicles, mobile fuel tanks and storage tanks is critical for this purpose. Safety is always the priority.

Scope

These procedures are to be implemented at the gasoline and diesel fueling facilities, and include any mobile fueling operation.

Standards & Specifications for Vehicle and Equipment Fueling

- Shut the engine off
- Insure that the fuel is the proper type of fuel
- Absorb and spill clean up materials and spill kits shall be available in fueling areas and shall be disposed of properly after use.
- Nozzles used in vehicle and equipment fueling shall be equipped with an automatic shut off to prevent overfill.
- Fuel tanks shall not be "topped off".
- Mobile fueling shall be minimized. Whenever practical, vehicles and equipment shall be transported to the designated fueling area in the maintenance yard.
- Clearly post, in a prominent area of the facility, instructions for safe operation of fueling equipment, and appropriate contact information for the persons responsible for spill response.

Standards & Specifications for Bulk Fueling

- Drip pans or absorbent pads shall be used under all hose and pipe connections and other leak prone areas during bulk fueling.
- Block storm sewer inlets, or contained tank trucks used for bulk transfer, with temporary burms or temporary absorbent booms during the transfer process. If temporary burms are being used instead of blocking the storm sewer inlets, all hose connection point associated with the transfer of fuel must be within the temporary burms during the loading/unloading of bulk fuels.
- Protect fueling areas with burms and/or dikes to prevent run on, run off, and to contain spills.

Spill Response

- Conduct clean ups of any fuel spills immediately after discovery.
- Uncontained spills are to be cleaned using dry chemical methods only. Spills should be cleaned up with a dry, absorbent material and absorbent materials shall be swept up.
- Collected waste is to be disposed of properly.
- Contact the Somers Point spill response team, which is the Fire Department, at 927-6161.

Maintenance & Inspection

- Areas and storage tanks shall be inspected monthly.
- Keep an ample supply of spill cleanup material on the site.
- Any equipment, tanks, pumps, piping and fuel dispensing equipment found to be leaking or in disrepair must be repaired or replaced immediately.

CITY OF SOMERS POINT

Standing Operating Procedure

Good Housekeeping

Introduction and Purpose

This SOP contains the basic practices of good housekeeping to be implemented by the City of Somers Point. The purpose of this SOP is to provide a set of guidelines for employees of the City of Somers Point for good housekeeping practices.

Scope

This SOP applies to all maintenance yards including maintenance activities at ancillary operations in Somers Point.

Standards and Specifications (General)

- All containers should be properly labeled and marked, and the labels must remain clean and visible.
- When practical, chemicals, fluids and supplies should be kept indoors.
- If containers are stored outside, they must be covered and placed on spill platforms.
- Keep storage areas clean and well organized.
- Spill kits and drip pans must be kept near any liquid transfer areas, protected from rainfall.
- Absorbent spill cleanup materials must be available in maintenance areas and shall be disposed of properly after use.
- Place trash, dirt and other debris in the proper containers.
- Collect waste fluids in properly labeled containers and dispose of them properly.
- Maintain a recycling program by disposing of papers, cans, bottles and trash in designated bins.

Standards and Specifications (Salt & Deicing Material Handling)

- During loading and unloading of salt and deicing materials, prevent and/or minimize spills. If salt or deicing materials are spilled, remove the materials using dry chemical cleaning methods. All collected materials shall be either reused or properly discarded.
- Sweeping should be conducted once a week to get rid of dirt and other debris. Sweeping should also be conducted immediately following loading/unloading activities, when practical.
- Minimize the tracking of materials from storage and loading/unloading areas.
- Minimize the distance that salt and deicing materials are transported during loading/unloading activities.
- Any materials that are stored outside must be tarped when not actively being used.
- If interim seasonal tarping must be implemented, deicing materials may be stored outdoors only between October 15th through April 30th.

Spill Response and Reporting

- Conduct cleanup of any spills immediately after discovery.
- Spills are to be cleaned up using dry cleaning methods only.
- Contact the Somers Point spill response team (Fire Department) at 927-6161.

Maintenance and Inspection

- Periodically check for leaks and damaged equipment and make repairs as necessary.
- Perform monthly inspections of all indoor and outdoor storage locations.

City of Somers Point
Municipal Stormwater

Re: Inventory Requirements

- Municipal Maintenance Yard Operations

AS OF 4/15/11

Truck

#7 F-800

#5 F-700

#51 Chevy Pickup

#2 F-350

#14 F-700

(4) 710 Leaf Loader

#31 Sterling Knuckleboom

F-250 Pickup

#6 F-800

#18 Mack Trash Truck

#4 International Dump

Dodge Pickup

#3 Ford Pickup

#20 Peterbuilt Roll Off

(3) Leaf Loaders (Machinery)

(1) Waste Oil Temporary Holding Tank

City of Somers Point
Municipal Stormwater

Re: Vehicles parked outside

<u>Truck</u>	<u>Status</u>
Chevy Pickup	to be sold
#10	to be sold
#7 F-800	
#5 F-700	
# 51 Chevy Pickup	
#2 F-350	
#13 F-150	to be sold
#14 F-700	
(4) 710 Leaf Loader	
#31 Sterling Knuckleboom	
Chevy C-20 Pickup	to be sold
F-250 Pickup	
#6 F-800	
#18 Mack Trash Truck	
#16 Scania Trash Truck	to be sold
#8 F-700	to be sold
#4 International Dump	to be sold
Dodge Pickup	
#3 Ford Pickup	
#20 Peterbuilt Roll Off	
Vactor Truck Ford	to be sold

VOID
AS OF
4/15/11

City of Somers Point
Police Impounded

Re: Vehicles parked outside

OKay as
of 4/15/11

Vehicle Description

Status

Cadillac

police auction

Lincoln

police auction

Pontiac Grand Am

police auction

Ford Focus

police auction

SPPP Form 17 - Employee Training

City of Somers Point

Atlantic County

Team Members

Nes Swain, City Administrator

Tom Venafro, Safety Coordinator

Date of Completion:

4 / 1 / 05

Date of Most Recent Update:

6 / 7 / 10

Guy Martin, Supt. of Public Works

At this time, the employee-training program has not been developed. An employee-training program will be developed by the Superintendent of Public Works and City Administrator for implementation in the fall or early winter of 2005.

Somers Point has "Tool Box Meetings" for training and is aware of the DEP Training Video that can be viewed on-line.

A sign-in sheet is maintained for each training.

City of Somers Point Resolution

No. 67 of 2005

Subject: Adopting Stormwater Mangement Plan

Introduced By: Councilman Tapp

WHEREAS, the New Jersey Department of Environmental Protection has promulgated statewide basic requirements in connection with Tier A Municipal Stormwater Permit NJ0141852; and

WHEREAS, one of these requirements which affect the City of Somers Point include the adoption of a Stormwater Management Plan; and

WHEREAS, the creation of this plan is required by N.J.A.C. 7:14A-25 and the elements of this plan are specified by N.J.A.C. 7:8-4; and

WHEREAS, this Stormwater Management Plan documents the strategy for the City of Somers Point to address Stormwater-related impacts.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Somers Point hereby adopts the Stormwater Management Plan attached hereto and made a part hereof.

I Carol L. Degrassi, City Clerk of the City of Somers Point, New Jersey, hereby certify that the foregoing Resolution is a true copy, duly adopted by the City Council of said City at a Regular meeting held on the 14th day of April, 2005.

In Witness Whereof, I have hereunto set my hand and seal of my Office this 14th day of April, 2005.


Carol L. Degrassi, RMC/CMC, City Clerk

City of Somers Point

Stormwater Management Plan

Prepared in accordance with N.J.A.C. 7:8-4.2

Draft

INTRODUCTION

This Stormwater Management Plan (MSWMP) documents the strategy for the City of Somers Point to address stormwater-related impacts. The creation of this plan is required by N.J.A.C. 7:14A-25 Municipal Stormwater Regulations as promulgated by the New Jersey Department of Environmental Regulations. The elements of this plan are specified by N.J.A.C. 7:8-4 Municipal Stormwater Management Planning. The plan addresses groundwater recharge, stormwater quantity, and stormwater quality impacts by incorporating stormwater design and performance standards for new development, defined as projects that disturb one or more acre of land. These standards are intended to minimize the adverse impact of stormwater runoff on water quality and water quantity. The plan describes long-term operation and maintenance measures for existing and future stormwater facilities

These regulations on a statewide basis also intend to minimize the adverse impact of development on the recharge of groundwater that provides base flow in receiving water bodies. The State regulations promote the use of open channel flow and groundwater recharge. The use of open channel flow within the City is limited as most of the developable land is already developed. However, opportunities will occur during redevelopment to provide for additional stormwater recharge and the improvement of water quality.

A build-out analysis has not been included in this plan as the only district with land that, if redeveloped, would create additional impervious surface is the recreational golf course district. The golf course district encompasses 168 Acres.

The plan also addresses the review and update of existing ordinances, the City Master Plan, and other documents to allow for project designs that include development consistent with this plan. The final component of this plan is a mitigation strategy for when a variance or exemption of the design and performance standards is sought. As part of the mitigation section of the stormwater plan, specific stormwater management measures are identified to lessen the impact of existing development.

GOALS

The goals required by N.J.A.C. 7:8-2.2 requires the stormwater management plan goals as follows:

1. Reduce flood damage, including damage to life and property;
2. Minimize, to the extent practical, any increase in stormwater runoff from any new development;
3. Reduce soil erosion from any development or construction project;
4. Assure the adequacy of existing and proposed culverts and bridges, and other in-stream structures;
5. Maintain groundwater recharge;
6. Prevent, to the greatest extent feasible, an increase in nonpoint pollution;
7. Maintain the integrity of stream channels for their biological functions, as well as for drainage;
8. Minimize pollutants in stormwater runoff from new and existing development in order to restore, enhance and maintain the chemical, physical, and biological integrity of the waters of the State, to protect public health, to safeguard fish and aquatic life and scenic and ecological values, and to enhance the domestic, municipal, recreational, industrial and other uses of water; and
9. Protect public safety through the proper design and operation of stormwater management basins.

This plan outlines specific stormwater design and performance standards for new development. Additionally, the plan proposes stormwater management controls to address impacts from existing development. Preventative and corrective maintenance strategies are included in the plan to ensure long-term effectiveness of stormwater management facilities. The plan also outlines safety standards for storm water infrastructure to be implemented to protect public safety.

Development can result in the accumulation of pollutants on the land surface that runoff can mobilize and transport to the receiving waters. New impervious surfaces and disturbed areas created by development can accumulate a variety of pollutants from the atmosphere, fertilizers, hydrocarbons, pathogens, and nutrients.

In addition to increased pollutant loading, land development can also adversely affect water habitat by altering the water temperature and/or alter the natural food chain.

STORMWATER DISCUSSION

Alteration of ground surface elevations and changes to the surface materials can dramatically alter the hydrologic cycle of a site and, ultimately, an entire watershed. In uplands areas with continuous unconsolidated surfaces rainfall and snow melt seep into the soil. The ground water recharge descends through the spaces between soil particles in the unsaturated zone to the water table at the start of the saturated zone. The elevation of the water table surface is sloped down hill and eventually emerges at the ground surface as a lake, stream or other surface body. Soils that conduct water and extend to the surface are called unconfined aquifers.

The unconfined aquifer upon which Somers Point is situated drains to the adjacent tidal bodies of the Great Egg Harbor Bay/River, Patcong Creek and Steelman Bay. The water table surface near the shoreline is held nearly constant by the Ocean's tides. The salt content of the groundwater near the shoreline and the slope of the water table downwards towards the shoreline is controlled by groundwater recharge and withdraws.

The highest water table elevations are located at the watershed boundary between the Patcong Creek and the Great Egg Harbor Bay. The approximate location of the watershed boundary has been mapped by the U.S. Geological Service as a Hydrological Unit Boundary and is shown on Figure 5.

The water levels within the stormwater flood plan areas of Somers Point are controlled by tidal events rather than rain events. This fact places water quality as more significant than quantity when evaluating the stormwater flow at the outfall of Somers Point's 125 drainage systems. The conveyance capacity of each of these drainage systems and the upstream impervious surface control the presence or absence of stormwater flooding in locations away from the shoreline.

BACKGROUND

The City of Somers Point encompasses approximately 4.88 square miles (3125 acre) in Atlantic County, New Jersey. This includes 325 acres of open water and 1062 acres of land within the Flood District (wetlands). Somers Point is located within Coastal Management Zone and with the exception of the flood district is a suburban planning area. A portion of the municipality is occupied by the Garden State Parkway, which is subject of a separate stormwater permit. The Garden State Parkway occupies 259 acres of land or 9% of the land within Somers Point.

A survey of the existing land uses within Somers Point conducted in 1989 as part of the Sewage Infrastructure Improvement Act Program. That survey found 2880 acres of land within the corporate limits of Somers Point of which 37% (1062 acres) are within the Flood District. The survey at that time found only 257 acres (0.4 square Miles) of land with potential for new development. The developed land includes the Recreational Golf Course District and occupies 168 acres.

The City of Somers Point has approximately 3,723 residential properties and a census population of 11,614 individuals. An estimates of the maximum number of residential properties at upon redevelopment is 6,100 based upon 5.8 dwelling units per acre in the single family district and 12 dwelling units per acre in multifamily districts.

The municipality occupies the end of a peninsula situated between estuaries of the Great Egg Harbor Bay. The named bodies of water include Patcong Creek, Mill Creek, Drag Channel, The Great Egg Harbor Bay, Bass Harbor and Steelman's Bay. These are shown on Figure 3 of this document. The state Geographic database indicates that Steelman Bay is a class one body of water. All of which are subject to tidal flow and are saltwater bodies.

The ground surface elevations within the City are from 0 feet to 30 feet above sea level (NGVD 1929).

The United State Geological Service has established for planning purposes a divide between the Tuckahoe and Middle River water sheds. This divide is for regional planning purposes and should not be used for stormwater design, and is shown in Figure 5.

The public water supply wells within the City of Somers Point do not draw from the surface aquifer and rely upon deep to provide required separation distances.

DESIGN AND PERFORMANCE STANDARDS

The City will adopt revised design and performance standards for stormwater and tidal flood management that are consistent with the goals of NJAC 7:8-4.

The recharge and runoff quantity standards will be consistent with NJAC 7:8-5.4(a)3iv. The Stormwater quality standards will be in accordance with NJAC 7:8-5.5. The design standards will include language for the maintenance of stormwater management measures consistent with the stormwater management rules at NJAC 7:8-5.8. Maintenance requirements and language for safety standards consistent with NJAC 7:8-6 Safety Standards for Stormwater Management Basins. The ordinances will be submitted to the county for review within 24 months of the effective date of the Stormwater management rules.

Municipal roadway and drainage projects implemented during the last eight years have included bicycle safe grates that conformed to the Departments standards with regards to inlet design and groundwater recharge. The incorporation in to the Developmental Standards of the design criteria used by the City in its perforated pipe systems for recharge and conveyance is recommended.

Independently, State and County agencies control 17 percent of the roadways within Somers Point. The adoption of the Department's design standards by other governmental units is beyond the control of the City. Public elementary and secondary institutions are also independent of Municipal Planning Boards controls.

PLAN CONSISTANCY

The City is not located within a Regional Stormwater Management Planning (RSWMP) Area and no Total Maximum Daily Load (TMDL) requirements have been developed for waters within the City. If any RSWMPs or TMDIs are developed in the future, this Municipal Stormwater Management Plan will be reviewed for consistency. The Municipal Stormwater Management Plan will be updated to be consistent with future updates of the Residential Site Improvement Standards (RSIS) as applicable to achieve the goals of the program.

DEVELOPMENTAL ORDINANCE REVISIONS

A review of the Land Development Ordinance of the City of Somers Point has identified several areas that may be revised to provide consistency between the Storm Water Regulations and the Residential Site Improvement Standards (RSIS). The topics are as follows:

- The applicability of the RSIS rules to development will be further defined in the Ordinance,
- The use of permeable parking lot surfaces for overflow parking will be reviewed and revised if deemed appropriate,
- The rules regarding stormwater runoff calculations will be reviewed by the Municipal Engineer for consistency with other regulations and the City Flood Mitigation Strategy.
- The developmental ordinance does not specify with requirements or applicability of perforated pipe systems.
- The developmental ordinance does not specify impact limitations for new development with respect to upstream and down stream alterations of the groundwater table.
- The development ordinance does not yet include reference to storm water quality standards,
- The development ordinance does not yet include provisions for stormwater mitigation in lieu of struck compliance.

LAND USE/BUILD-OUT ANALYSIS

The City is located within two HUC-14 areas and has a total area of 3125 Acres (4.88 square miles) including open water. The Re-Development Build-Out analysis has not been performed as less than ½ square mile of undeveloped land with developmental potential exists within the City. A survey of land use performed in 1989 is summarized as provided below.

Developed Land all Districts (excluding FD)	1221 Acres
Undeveloped Land all Districts (excluding FD)	257 Acres
Garden State Parkway	259 Acres
Flood District	1062 Acres
Open Water	<u>325 Acres</u>
Total Municipal Area	3125 Acres

The as the developable lands within and subject to this plan comprise 58% of land. The maximum aggregate impervious coverage within the City is 58% of the individual site requirements. This would allow development to occur with an average 50% impervious lot coverage while achieving 30% coverage city.

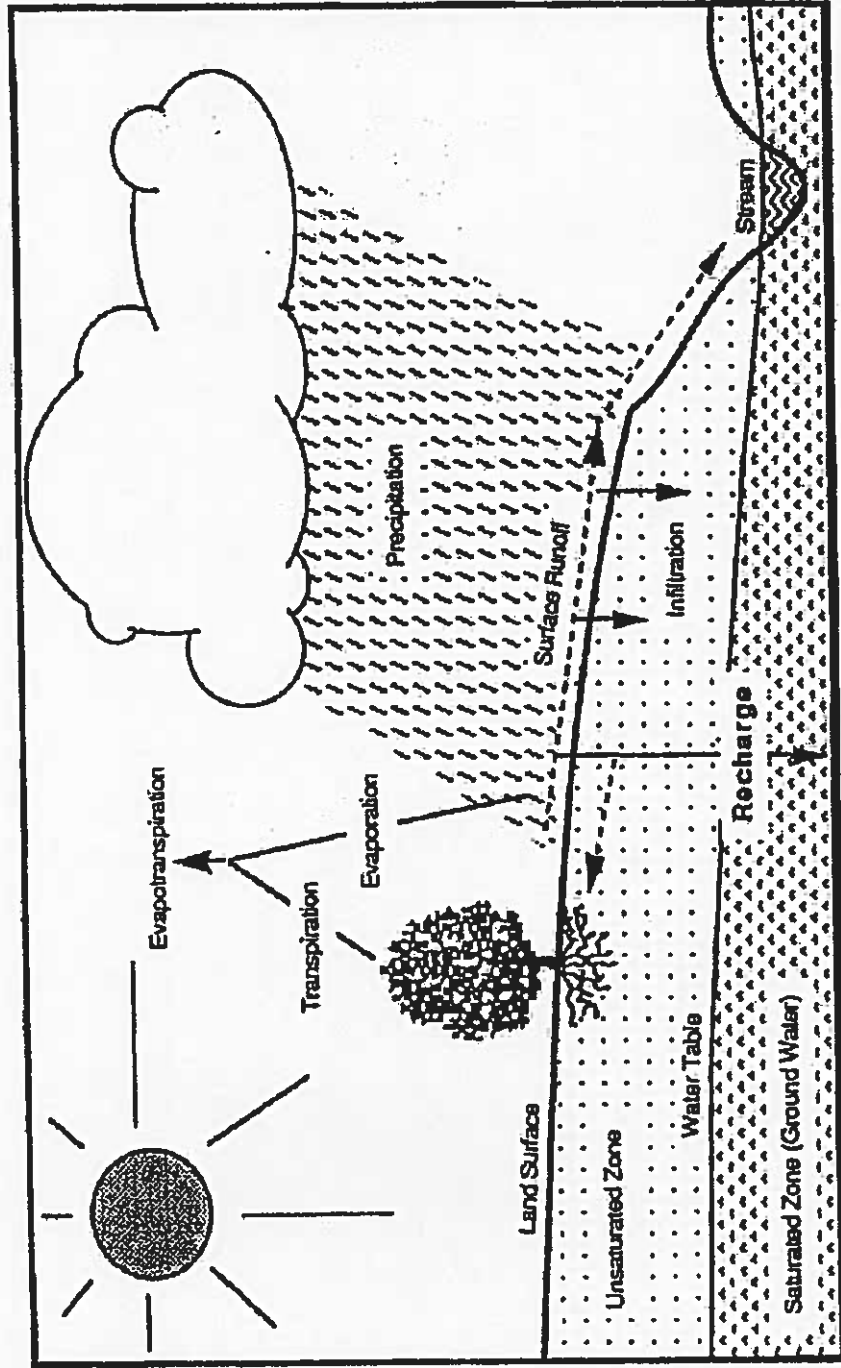
MITIGATION PROJECTS

The City of Somers Point has identified several projects directly related to stormwater quantity and quality that could be undertaken as mitigation projects. These projects include:

- The construction of salt dome at the municipal public works yard.
- The construction of a covered area for drying of materials collected from storm system cleaning and street sweeping.
- The construction of a municipal vehicle wash down facility.
- The construction of Drainage Improvements at Kern Field.
- The video inspection and cleaning of municipal stormwater sewer mains.
- The video inspection of storm sewer systems within the City, to verify the absence of illegal connections.

MUNICIPAL STORMWATER MANAGEMENT PLAN

FIGURE 1 – INTRODUCTION - WATER CYCLE



Source: New Jersey Geological Survey Report GSR-32.

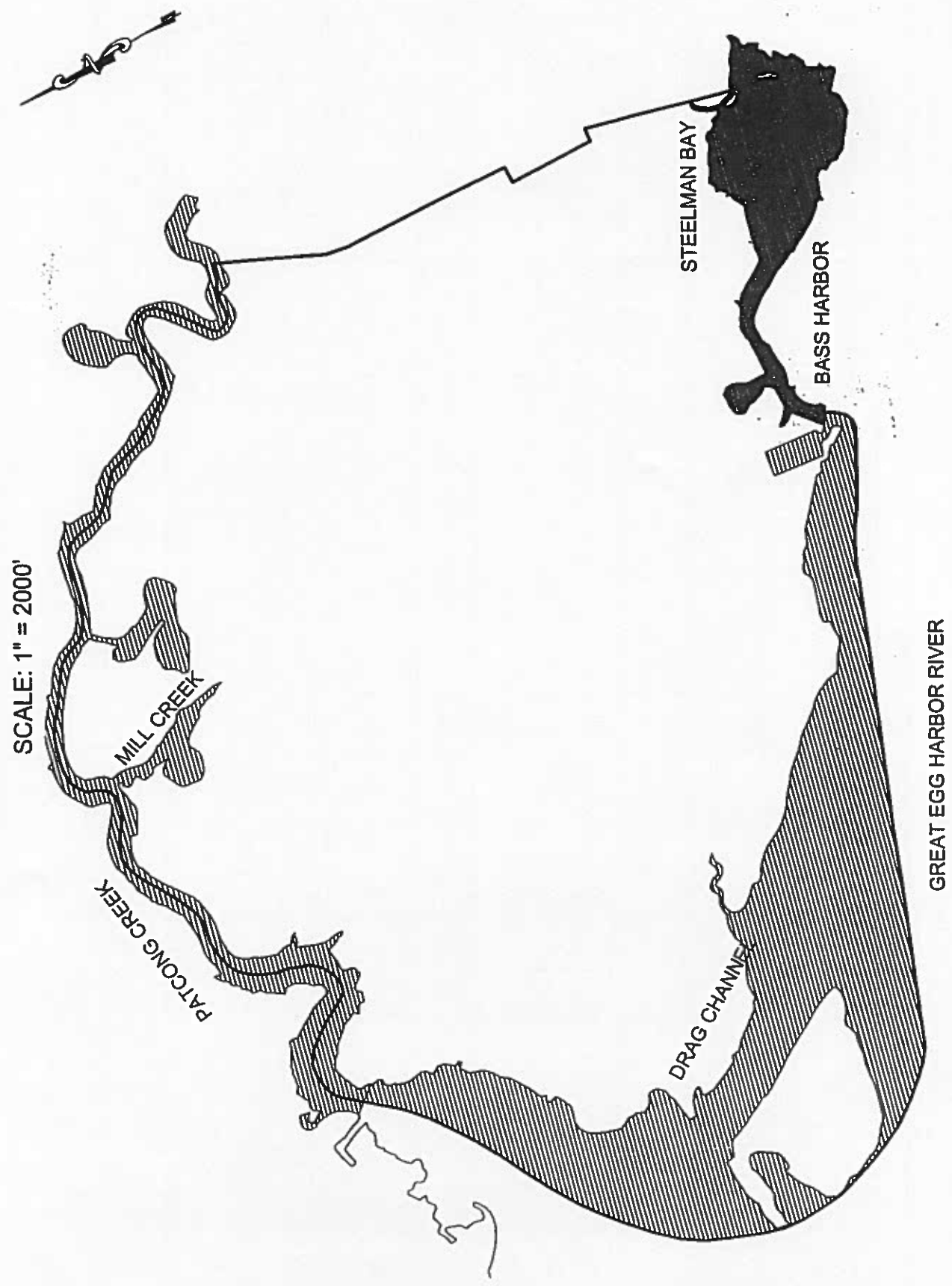
MUNICIPAL STORMWATER MANAGEMENT PLAN
FIGURE 2 - CITY BOUNDARY ON U.S.C.&G.S. QUADRANGLES

SCALE: 1" = 2000'



MUNICIPAL STORMWATER MANAGEMENT PLAN

FIGURE 3 - WATERWAYS



SCALE: 1" = 2000'

PATCONG CREEK

MILL CREEK

DRAG CHANNEL

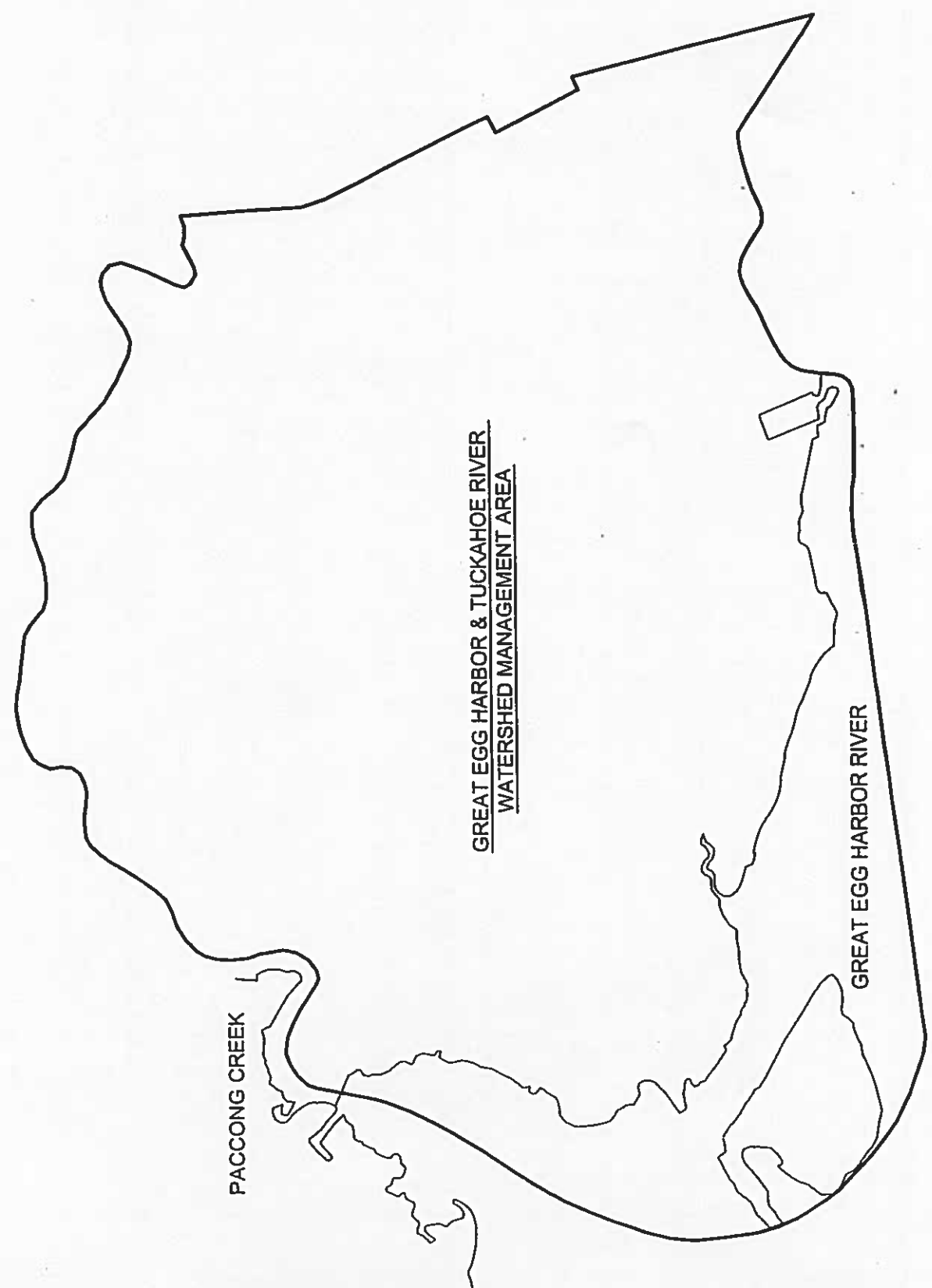
STEELMAN BAY

BASS HARBOR

GREAT EGG HARBOR RIVER

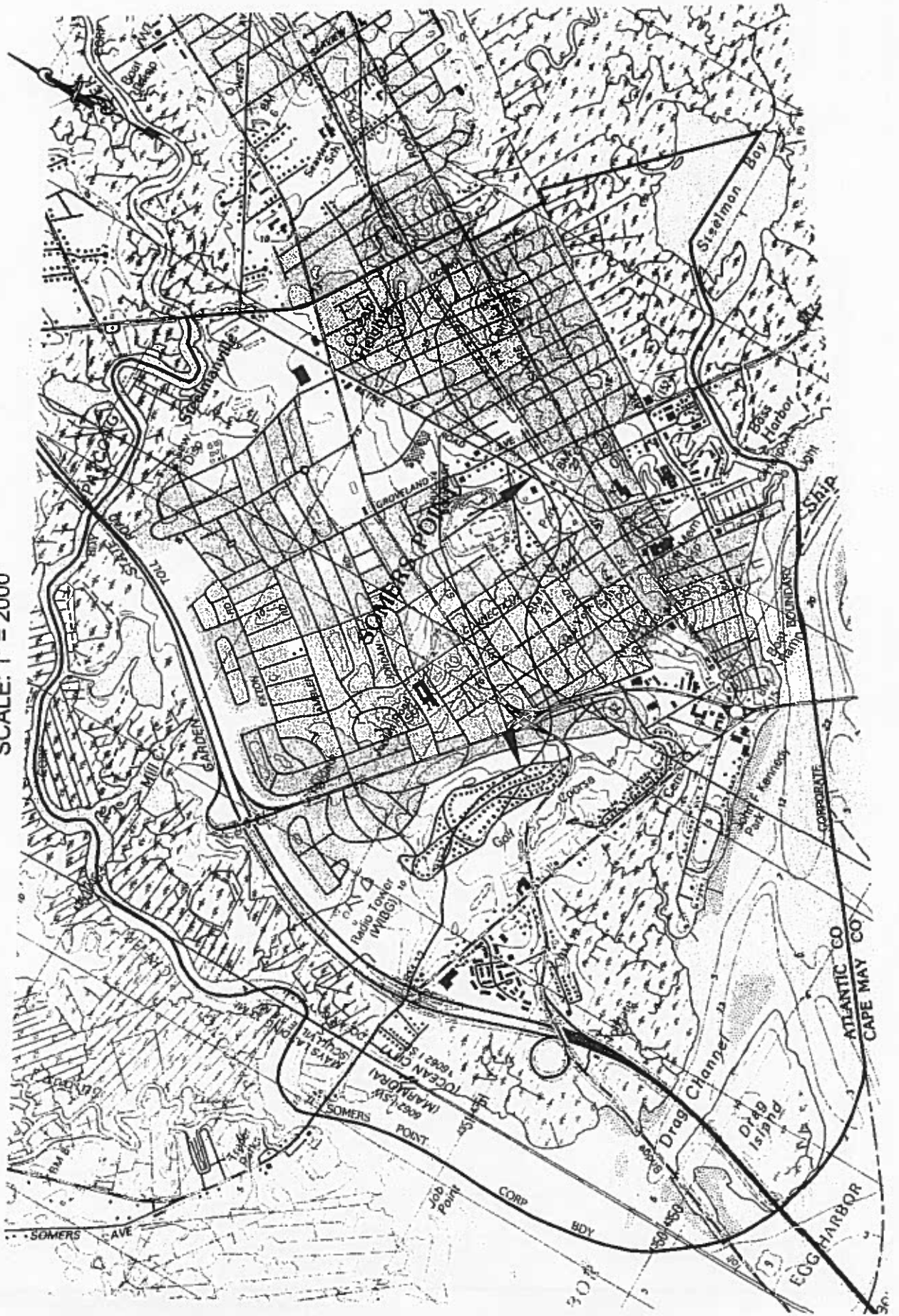
MUNICIPAL STORMWATER MANAGEMENT PLAN
FIGURE 4 - WATERSHED MANAGEMENT AREA

SCALE: 1" = 2000'



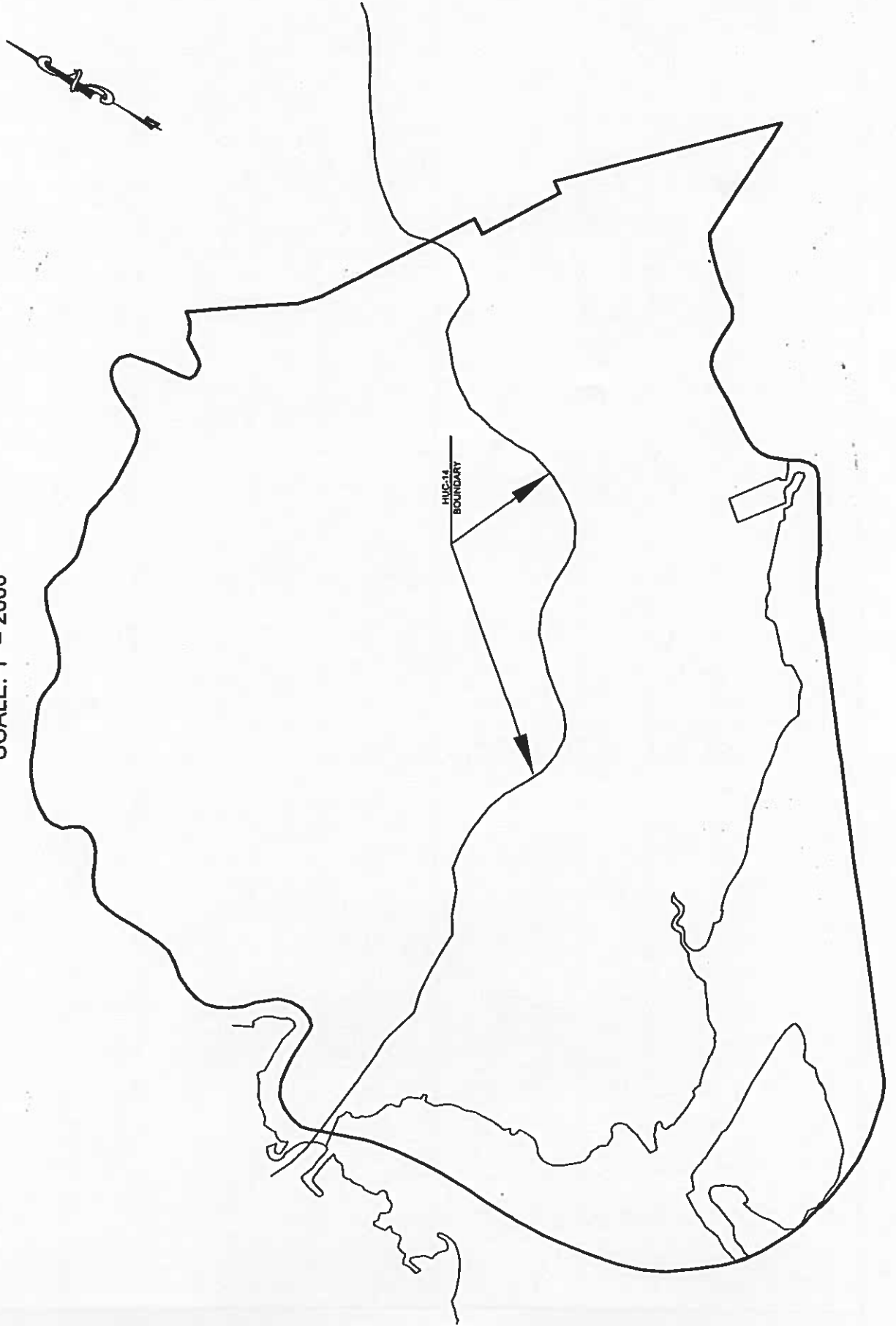
MUNICIPAL STORMWATER MANAGEMENT PLAN
FIGURE 5 - HYDAULOGIC UNIT DRAINAGE AREAS, HUC-14S

SCALE: 1" = 2000'



MUNICIPAL STORMWATER MANAGEMENT PLAN
FIGURE 5 - HYDRAULIC UNIT DRAINAGE AREAS, HUC-14s

SCALE: 1" = 2000'



MUNICIPAL STORMWATER MANAGEMENT PLAN

FIGURE 6 - CLASS 1 WATERS

SCALE: 1" = 2000'

