

NJPDES Highway Agency
Stormwater General Permit

Stormwater Pollution Prevention Team Members

Number of team members may vary.

Completed by: Mary Bradley

Title: Staff Engineer

Date: 4/11/2019

Highway Agency: Cape May County Public
Works

NJPDES#: NJG 0153869

PIID#: 223120

Stormwater Program Coordinator: Nancy Mauro, P.E

Title: Senior Engineer

Office Phone #: 609-465-1035

Emergency Phone #: _____

Public Notice Coordinator: Nancy Mauro, P.E

Title: Senior Engineer

Office Phone #: 609-465-1035

Emergency Phone #: _____

Post-Construction Stormwater Management Coordinator: Kent Schellinger, P.E.

Title: Assistant County Engineer

Office Phone #: 609-465-1035

Emergency Phone #: 609-364-2156

Local Public Education Coordinator: N/A

Title: _____

Office Phone #: _____

Emergency Phone #: _____

Regulatory Mechanism Coordinator: Mary Bradley

Title: Staff Engineer

Office Phone #: 609-465-1035

Emergency Phone #: _____

Physical Plant Manager: Nancy Mauro, P.E

Title: Senior Engineer

Office Phone #: 609-465-1035

Emergency Phone #: _____

Employee Training Coordinator: Mary Bradley

Title: Staff Engineer

Office Phone #: 609-465-1035

Emergency Phone #: _____

Other: _____

Title: _____

Office Phone #: _____

Emergency Phone #: _____

Other: _____

Title: _____

Office Phone #: _____

Emergency Phone #: _____

SPPP Form 2 - Public Notice

Highway
Agency
Information

Highway Agency: Cape May County Public Works

NJPDES#: NJG 0153869 PIID #: 223120

Team Member / Title: Nancy Mauro, P.E. / Senior Engineer

Effective Date of Permit Authorization: 04/01/04

Date of completion: 11/3/04 Date of most recent update: 4/11/2019

Briefly outline the principal ways in which you comply with applicable State and local public notice requirements when providing for public participation in the development and implementation of your stormwater program.

For any meetings where public notice is required under the Open Public Meetings Act ("Sunshine Law", NJSA 10:4-6 et seq.), the County provides public notice in a manner that complies with the requirements of that Act. The County Freeholder Office prepares all Public Notices required by this program.

SPPP Form 3 – New Development and Redevelopment Program

Highway
Agency
Information

Highway Agency: Cape May County Public Works
NJPDES#: NJG 0153869 PIID #: 223120
Team Member / Title: Nancy Mauro, P.E. / Senior Engineer
Effective Date of Permit Authorization (EDPA): 04/01/04
Date of completion: 11/01/04 Date of most recent update: 4/11/2019

Describe in general terms your post-construction stormwater management in new development and redevelopment program (post-construction program), and how it complies with the Highway Agency Permit minimum standard. This description must address how adequate long term operation and maintenance of BMPs will be ensured; compliance with the standard in Attachment C of the permit (new storm drain inlet design standard); adoption and implementation of applicable design and performance standards established under N.J.A.C. 7:8 for major development; and use of the Post-Construction Program Design Checklist for Individual Projects. Attach additional pages as necessary.

Any new development and redevelopment projects designed by the County or one of its consultants, will be in accordance with the permit requirements for such projects. The County's Annual Report will list these projects.

For all projects, we will comply with the storm drain inlet design standard in Attachment C of the permit by installing bicycle safe grates. Those inlets at curbs will have a clearance no greater than 2" across the smallest dimension. Our standard specifications have been revised to state that all inlet castings will have the preprinted message "Dump no Waste- Drains to Waterway".

SPPP Form 4- Local Public Education Program

Highway
Agency
Information

Highway Agency: Cape May County Public Works

NJPDES #: 0153869 PI ID #: 223120

Team Member/Title: N/A

Effective Date of Permit Authorization (EDPA): 04/01/04

Date of Completion: 9/24/04 Date of most recent update: 4/11/2019

Local Public Education Program

Describe your Local Public Education Program. Be specific on how you will distribute your educational information, and how you will conduct your annual event. Attach additional pages with the date(s) of your annual mailing and the date and location of your annual event.

Cape May County does not own or operate any service areas along the County roadway system to distribute educational materials.

OPTIONAL MEASURES:

In 2004, the County purchased under a grant 13,000 storm drain labels, enough for each storm drain in the County. The County held a design contest within the school systems and the winning design was incorporated into the label. The notice of the contest and the results were published in several local newspapers.

The County contacted each municipality to assist them with their inlet labeling program. All inlet labeling is complete within the County.

The County has prepared a map accessible through the County's IMS site that shows stormwater inlet locations, stormwater outfall locations and shellfish areas. The web address is www.capemaycountyims.net. A link is also provided at the County's home page, www.capemaycountygov.net

The AmeriCorps Watershed Ambassador for Cape May County is staffed in the Crest Haven Complex. Each year a new Ambassador is assigned to meet with local schools and organizations to educate the public on watershed and stormwater issues.

SPPP Form 5 – Storm Drain Inlet Labeling

Highway Agency
Information

Highway Agency: Cape May County Public Works

NJPDES #: 0153869 PI ID #: 223120

Team Member/Title: Mary Bradley/ Staff Engineer

Effective Date of Permit Authorization (EDPA): 04/01/04

Date of Completion: 9/24/04 Date of most recent update: 4/11/2019

Storm Drain Inlet Labeling

Describe your storm drain inlet labeling program, including your labeling schedule, the details of your long-term maintenance plan, and plans on coordinating with watershed groups or other volunteer organizations.

The County began replacing labels that have worn off in 2017.

On August 15, 2017 labels were replaced in West Cape May.

The County completed the labeling of all inlets on County roads in November 2004. A location map of all inlets has been compiled and made available to the public through the County's IMS website, www.capemaycountyims.net.

The County has in place a label replacements program that is coordinated with Mr. Tom Brennan of the County's Public Works Department. The County purchased 1000 labels which are labeled "Replacement" that will be used to replace missing or damaged labels. Missing or damaged labels will be identified during routine matters such as street sweeping and/or inlet cleaning, and will be documented onto the county website.

In 2003, the County began specifying in its contract documents that all new catch basins come with the preprinted message "No Dumping-Drains to Waterway". Replacement inlets come with the preprinted message. In addition, new inlets are located via GPS and incorporated into a GIS map that is maintained by the County Planning Department.

Shared Responsibility: The County sponsored a countywide inlet labeling program, providing labels and materials to municipalities. All labeling is complete throughout the County.

SPPP Form 6 – MS4 Outfall Pipe Mapping

Highway Agency
Information

Highway Agency: Cape May County Public Works

NJPDES #: NJG 0153869 PI ID #: 223120

Team Member/Title: Brian O'connor

Effective Date of Permit Authorization (EDPA): 04/01/04

Date of completion: 11/01/04 Date of most recent update: 4/11/2019

Explain how you will prepare your map (include its type and scale, and the schedule for the mapping process). Who will prepare your map (e.g., Highway Agency employees, a consultant, etc.)?

The County has mapped all County outfalls via GPS prior to the implementation of these regulations. The map was prepared by the Cape May County Planning Department. The map is available to the public through the County's IMS website at <http://ims.capemaycountynj.gov/>

SPPP Form 7 – Illicit Connection Elimination Program

Highway Agency
Information

Highway Agency: Cape May County Public Works
NJPDES #: NJG 0153869 PI ID #: 223120
Team Member/Title: Nancy Mauro, P.E. / Senior Engineer
Effective Date of Permit Authorization (EDPA): 04/01/04
Date of completion: 11/01/04 Date of most recent update: 4/11/2019

Describe your Illicit Connection Elimination Program, and explain how you plan on responding to complaints and/or reports of illicit connections (e.g., hotlines, etc.). Attach additional pages as necessary.

The County has completed the inspection of its outfalls and no dry-weather flow was found, and no illicit connections were found.

If an outfall pipe is found to have a dry weather flow or intermittent non-stormwater flow, the outfall will be rechecked in coordination with a representative of the County Engineer's office and the County Health Department. If an illicit connection is found to be the result of County activities, it will be eliminated within 6 months. If the source is unable to be located, it will be noted on the Closeout Investigation Form. Any illicit connection from public sources will be identified and notified, with a written explanation sent to the NJDEP detailing the results of the investigation. The County will only alert the NJDEP if an illicit connection is found to be from a private entity. If the illicit connection poses an immediate threat, the employees have been instructed to call the NJDEP hotline at 1 877 WARN DEP (1 877 927-6337). Separate written notification of such action will also be sent to the NJDEP.

Reports of illicit connections will be directed to either the County Engineer's office and the County Health Department

SPPP Form 8 – Illicit Connection Records

Highway Agency Information	Highway Agency: Cape May County Public Works NJPDES #: NJG <u>0153869</u> PI ID #: <u>223120</u> Team Member/Title: <u>Nancy Mauro, P.E. / Senior Engineer</u> Effective Date of Permit Authorization (EDPA): <u>04/01/04</u> Date of completion: <u>1/11/06</u> Date of most recent update: <u>4/11/2019</u>
-------------------------------	---

Prior to July 1, 2006 Note: Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow.
Total number of inspections performed this year? <u>1</u>
Number of outfalls found to have a dry weather flow? <u>0</u>
Number of outfalls found to have an illicit connection? <u>0</u>
How many of the Public Complex's own illicit connections were eliminated? <u>N/A</u>
Of the Public Complex's own illicit connections found, how many remain? <u>0</u>
How many illicit connections found to emanate from another entity were reported to NJDEP? <u>0</u>

July 1, 2006 – June 30, 2007 Note: Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow.
Total number of inspections performed this year? <u>1</u>
Number of outfalls found to have a dry weather flow? <u>0</u>
Number of outfalls found to have an illicit connection? <u>0</u>
How many of the Public Complex's own illicit connections were eliminated? <u>N/A</u>
Of the Public Complex's own illicit connections found, how many remain? <u>N/A</u>
How many illicit connections found to emanate from another entity were reported to NJDEP? <u>N/A</u>

July 1, 2007 – June 30, 2008 Note: Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow.
Total number of inspections performed this year? <u>1</u>
Number of outfalls found to have a dry weather flow? <u>0</u>
Number of outfalls found to have an illicit connection? <u>0</u>
How many of the Public Complex's own illicit connections were eliminated? <u>N/A</u>
Of the Public Complex's own illicit connections found, how many remain? <u>N/A</u>
How many illicit connections found to emanate from another entity were reported to NJDEP? <u>N/A</u>

July 1, 2008 – June 30, 2009

Note: Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow.

Total number of inspections performed this year? 1

Number of outfalls found to have a dry weather flow? 0

Number of outfalls found to have an illicit connection? 0

How many of the Public Complex's own illicit connections were eliminated? 0

Of the Public Complex's own illicit connections found, how many remain? 0

How many illicit connections found to emanate from another entity were reported to NJDEP? 0

SPPP Form 9 – Litter Pick Up Program

Highway Agency
Information

Highway Agency: Cape May County Public Works

NJPDES #: NJG 0153869 PI ID #: 223120

Team Member/Title: Nancy Mauro, P.E. / Senior Engineer

Effective Date of Permit Authorization (EDPA): 04/01/04

Date of completion: 11/04/04 Date of most recent update: 4/11/2019

Please describe your litter pickup program. Be sure to include the refuse collection schedule and detail how rest area, service area and roadside clean ups will be implemented.

The County does not operate any service areas. The County will continue with its current roadside litter collection program. The County road department conducts routine litter pickups along County roads. Bag logs are kept.

County sponsors Clean Communities litter pickups along some roadsides.

NOTE: AT THE COUNTY PUBLIC WORKS YARDS, REFUSE CONTAINERS AND DUMPSTERS THAT ARE OWNED AND OPERATED BY THE COUNTY ARE COVERED AT ALL TIMES TO PREVENT SPILLING, LEAKING ETC

SPPP Form 10 – Regulatory Mechanisms

Highway Agency
Information

Highway Agency: Cape May County Public Works

NJPDES #: NJG 0153869 PI ID #: 223120

Team Member/Title: Nancy Mauro, P.E. / Senior Engineer

Effective Date of Permit Authorization (EDPA): 04/01/04

Date of completion: 11/04/04 Date of most recent update: 4/11/2019

For each regulatory mechanism, give the date of adoption. If not yet adopted, explain the development status:

Pet Waste 6/27/06

Improper Waste Disposal 6/27/06

Wildlife Feeding 6/27/06

Illicit Connections 6/27/06

What is the nature of these regulatory mechanisms and how will they be enforced?

The County passed resolution No. 546-06 to adopt and implement the stormwater management standards. The County Engineer has the authority to impose rules, regulation, policies and procedures in order to enforce stormwater issues.

If your position is that the Highway Agency has no legal authority to adopt and/or enforce a mechanism to regulate pet possession or pet waste disposal, littering, improper waste disposal, or wildlife feeding by the general public on Highway agency property, attach a statement from your attorney supporting this position.

SPPP Form 11 – Storm Drain Inlets (Retrofitting)

Highway Agency Information

Highway Agency: Cape May County Public Works
 NJPDES#: NJG 0153869 PIID #: 223120
 Team Member / Title: Nancy Mauro, P.E. /Senior Engineer
 Effective Date of Permit Authorization (EDPA): 04/01/04
 Date of completion: 11/3/04 Date of most recent update: 4/11/2019

What type of storm drain inlet design will generally be used for retrofitting?

All existing storm drains within the Crest Haven Complex are NJDOT bicycle safe grates, with curb inlets having no openings no greater than 2 inches, and do not need to be replaced or retrofitted.

Repaving, repairing, reconstruction or alteration project name (Attach additional pages as necessary.)	Projected start date	Start date	Date of completion	# of storm drain inlets	# of storm drains w/ hydraulic performance exemptions
--	----------------------	------------	--------------------	-------------------------	---

<i>RIO GRANDE BLVD (CR 661) ENTRANCE IMPROVEMENTS, CITY OF WILDWOOD</i>		<i>3/19</i>	<i>12/20</i>	<i>58</i>	
---	--	-------------	--------------	-----------	--

<i>RESURFACING IMPROVEMENTS TO BROADWAY/SEASHORE ROAD FROM SUNSET BOULEVARD TO SANDMAN</i>		<i>4/18</i>	<i>10/18</i>	<i>3</i>	
--	--	-------------	--------------	----------	--

<i>2018 MISCELLANEOUS DRAINAGE IMPROVEMENTS I</i>		<i>9/18</i>	<i>9/19</i>	<i>30</i>	
---	--	-------------	-------------	-----------	--

Are you claiming any alternative device or historic place exemptions for any projects? If so, please explain.

No

SPPP Form 12 – Street Sweeping and Road Erosion Control Maintenance

Highway
Agency
Information

Highway Agency: Cape May County Public Works
NJPDES#: NJG 0153869 PIID #: 223120
Team Member / Title: Nancy Mauro, P.E. /Senior Engineer
Effective Date of Permit Authorization (EDPA): 04/01/04
Date of completion: 11/3/04 Date of most recent update: 4/11/2019

Street Sweeping

Please describe the street sweeping schedule that you will maintain.

(NOTE: Attach a street sweeping log containing the following information: date and area swept, # of miles swept and the total amount of materials collected.)

The County had an existing street sweeping program prior to the stormwater regulations. The County sweeps County roads that meet the NJDEP requirements, as well as County roads on the barrier islands that do not meet the NJDEP requirements. Street sweeping disposal tickets generated at the landfill are recorded in a database.

NOTE: ALL REFUSE CONTAINERS AND DUMPSTERS WITHIN THE CREST HAVEN COMPLEX ARE COVERED AT ALL TIMES TO PREVENT DISCHARGE OF LIQUID

Road Erosion Control Maintenance

Describe your Road Erosion Control Maintenance Program, including inspection schedules. A list of all sites of roadside erosion and the repair technique(s) you will be using for each site should be attached to this form.

This is no longer a Statewide Basic Requirement. The County will continue to repair erosion along County roads when identified.

The County Road Department employees have been trained to identify road erosion and will be utilized to notice any erosion at any time during their normal work. After eroding area are identified, they will be prioritized and repaired in accordance with the Cape-Atlantic Standards for Soil Erosion and Sediment Control.

SPPP Form 13 – Stormwater Facility Maintenance

Highway
Agency
Information

Highway Agency: Cape May County Public Works
NJPDES#: NJG 0153869 PIID #: 223120
Team Member / Title: Nancy Mauro, P.E. /Senior Engineer
Effective Date of Permit Authorization (EDPA): 04/01/04
Date of completion: 11/3/04 Date of most recent update: 4/11/2019

Please describe your annual catch basin cleaning program and schedule. Attach additional pages as necessary.

Cape May County will maintain its existing schedule of cleaning catchbasins on the barrier islands. In addition, the remaining County owned catch basins will be added to the program in compliance with the minimum standard set forth in the Highway Permit. The program began April 1, 2005.

It is the County's goal to inspect all County catch basins on an annual basis. Those catch basins which require cleaning are brought to the attention of the Road Department Supervisor. The County is implementing a new system of tracking catch basin cleaning and inspections for 2014.

It should be noted that the County Department of Works performs the annual inlet basin cleaning for the County's Crest Haven Complex for compliance with their Public Complex permit.

Please describe your stormwater facility maintenance program for cleaning and maintenance of all stormwater facilities operated by the Highway Agency. Attach additional pages as necessary.

(NOTE: Attach a maintenance log containing information on any repairs/maintenance performed on stormwater facilities to ensure their proper function and operation.)

Cape May County has developed a stormwater facility maintenance program that ensures proper function and operation of all stormwater facilities operated by the County. All stormwater facilities such a catch basins and storm sewer pipes will be regularly inspected on annual basis

SPPP Form 14 – Road Side Vegetation Management

Highway
Agency
Informatio

Highway Agency: Cape May County Public Works
NJPDES#: NJG 0153869 PIID #: 223120
Team Member / Title: Nancy Mauro, P.E. /Senior Engineer
Effective Date of Permit Authorization (EDPA): 04/01/04
Date of completion: 11/3/04 Date of most recent update: 4/11/2019

Describe your roadside vegetation management program to limit the application of herbicides and mulch. Attach additional pages as necessary.

Cape May County does not use herbicides or mulch to control roadside vegetation.

SPPP Form 15 - Outfall Pipe Stream Scouring Remediation

Highway
Agency
Informatio

Highway Agency: Cape May County Public Works
NJPDES#: NJG 0153869 PIID #: 223120
Team Member / Title: Nancy Mauro, P.E. /Senior Engineer
Effective Date of Permit Authorization (EDPA): 04/01/04
Date of completion: 11/3/04 Date of most recent update: 4/11/2019

Describe your stormwater outfall pipe scouring detection, remediation and maintenance program to detect and control active, localized stream and stream bank scouring. Attach additional pages as necessary.

(NOTE: Attach a prioritized list of sites observed to have scouring, date of anticipated repair, method of repair and date of completion.)

The County developed a stormwater outfall pipe stream scour detection, remediation and maintenance program to detect and control localized scouring. The scour inspection will be performed concurrently with the illicit connection inspection. Any outfalls identified to have scour will be documented. The repairs will be prioritized and conducted in accordance with the Cape Atlantic Standards for Soil Erosion Control. NJDEP permits will be obtained as necessary.

SPPP Form 16 – De-icing Material Storage

Highway
Agency
Informatio

Highway Agency: Cape May County Public Works
NJPDES#: NJG 0153869 PIID #: 223120
Team Member / Title: Nancy Mauro, P.E. /Senior Engineer
Effective Date of Permit Authorization (EDPA): 04/01/04
Date of completion: 11/3/04 Date of most recent update: 4/11/2019

De-icing Material Storage

Describe how you currently store your Highway Agency's de-icing materials, and describe your inspection schedule for the storage area. If your current storage practices do not meet the de-icing material storage SBR describe your construction schedule and your seasonal tarping interim measures. If you plan on sharing a storage structure, please include its location, as well as a complete list of all concerned public entities. If you store sand outdoors, describe how it meets the minimum standard.

Cape May County has three locations for storing deicing material strategically located in the northern, central and lower parts of the county. The Ocean View Facility, in the northern part of the County, has a complete storage silo with door. At the Airport and Crest Haven Facilities, salt is stored in lean-to type structures .

Note: The County installed hinged doors on the Crest Haven and airport facilities to prevent spillage. Sand is stored at these sites as well away from catch basin locations.

Note: During the winter months Ocean City no longer stores salt in a storage building located at the County's Roosevelt Boulevard yard in Marmora.

SNOW REMOVAL PROCEDURES: During extreme snow conditions when there is excessive amounts of snow to be removed from public areas, primarily the parking areas for the County library and Court House located on Mechanic Street, snow is removed and then stockpiled at the Crest Haven Complex. The complex is centrally located within the County and away from environmental receptors.

SPPP Form 17 – Standard Operating Procedures

Highway Agency Informatio	Highway Agency: Cape May County Public Works NJPDES#: NJG <u>0153869</u> PIID #: <u>223120</u> Team Member / Title: <u>Nancy Mauro, P.E. /Senior Engineer</u> Effective Date of Permit Authorization (EDPA): <u>04/01/04</u> Date of completion: <u>11/3/04</u> Date of most recent update: <u>4/11/2019</u>	
BMP	Date SOP went into effect.	Describe your inspection schedule.
Fueling Operations (including the required practices listed in Attachment D of the permit)	<i>OPS are in compliance with the County's SPCC plans for Airport Facility. Ocean View Facility and Crest Haven Facility have similar plans in place.</i>	Per SPCC: 1 per week Annually by licensed state contractor
Vehicle Maintenance (including the required practices listed in Attachment D of the permit)	<i>SOPS are in compliance with the County's SPCC plans for Airport Facility. Ocean View Facility and Crest Haven Facility follow same protocol.</i>	<i>inspection of vehicles conducted monthly and repairs documented.</i>
Good Housekeeping Practices (including the required practices listed in Attachment D of the permit) Attach inventory list required by Attachment D of the permit.	<i>SOPS are in compliance with the County's SPCC plans. Portable booms in place for Ocean View and Crest Haven for spill control</i> <i>Refuse containers and dumpsters are covered at all times to prevent infiltration</i> <i>Vehicle washing at dewatering pads.</i>	<i>Inspections will be conducted on a monthly basis to ensure good housekeeping practices are in effect.</i>