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TOWNSHIP OF OCEAN

STORMWATER POLLUTION PREVENTION PLAN

NJPDES PERMIT #NJG0150860



PREPARED FOR:

TOWNSHIP OF OCEAN:

Mayor and Committee

Diane Ambrosio, Township Administrator/Clerk

Dan Kehoe, Superintendent of Public Works/Stormwater Coordinator

March 10, 2025

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Form 1 – Team Members

Stormwater Program Coordinator (SPC)			
Name and Title		<i>Dan Kehoe, DPW Superintendent</i> <i>Stormwater Coordinator & Employee Training Coordinator</i>	
Phone	609-693-3302, ext. 238	Email	dpw@twpoceannj.gov
Individual(s) Responsible for Major Development Project Stormwater Management Review			
Name and Title		<i>Jason A. Worth, P.E.</i> <i>Planning and Zoning Board Engineer</i>	
Phone	732-908-4763	Email	jworth@tandmassociates.com
Name and Title			
		Email	
Other Municipal Stormwater Team Members			
Name and Title		<i>Laurie Clune</i> <i>Township Zoning Officer/Code Enforcement</i>	
Phone	609-693-3302 ext. 102	Email	zoning@twpoceannj.gov
Name and Title		<i>Diane B. Ambrosio, RMC</i> <i>Township Administrator/Clerk</i>	
Phone	609-693-3302 ext. 233	Email	clerk@twpoceannj.gov
Name and Title			
Phone		Email	
Shared/Contracted Service Providers			
Provider Name	Service Provided	Term of Service	

Form 2 – Revision History

Revision Date	Form # Changed	Reason for Revision (Updates to staff, policy, webpage, etc.)
3/2012	All	Update as required by NJDEP Permit Update
6/2020	All	Update as required by NJDEP Permit Update
10/2021	All	Update as required by NJDEP comment
12/2024	All	Update as required by NJDEP Permit Update

Form 3 – Public Announcements
Part IV.B. and C.

1. Provide the link to the dedicated stormwater webpage for your municipality.
Stormwater Management - Township of Ocean, Ocean County, New Jersey (twpoceannj.gov)
2. List the name and title of person(s) responsible for stormwater webpage postings/updates.
Diane Ambrosio, Township Administrator/Clerk
3. List the newspapers, social media outlets, websites, direct mailings (Email or postal), and other communication approaches typically used to inform/educate the public on stormwater program information and related events/activities.
<p><i>Compliance with Public Notice Requirements:</i></p> <ul style="list-style-type: none">• <i>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 Township of Ocean provides public notice in a manner that complies with the requirements of the Act.</i>• <i>In regard to the passage of ordinances, the Township of Ocean provides public notice in a manner that complies with the requirements of N.J.S.A. 40:49-1 et seq.</i>• <i>For municipal actions (e.g. adoption of municipal stormwater management plan) subject to public notice requirements in the Municipal Land Use Law (N.J.S.A. 40:55d-1 et seq.), the Township of Ocean complies with those requirements.</i> <p><i>Public notices are typically advertised in the following publications:</i></p> <ul style="list-style-type: none">• <i>Asbury Park Press</i>• <i>Press of Atlantic City</i> <p><i>Public notices are also advertised in the following publications:</i></p> <ul style="list-style-type: none">• <i>Township website</i>• <i>Township social media accounts</i> <p><i>Additionally, starting January 1, 2019, the Township will also provide public notice for all public involvement projects pertaining to stormwater education and outreach activities either on the municipal website, through mass mailings, through advertisements in the Township's newspapers of record, or through other similar means.</i></p>

Attachment A – Points System for Public Education and Outreach Activities

The permittee shall implement a Public Education and Outreach Program that focuses on educational and pollution prevention activities about the impacts of stormwater discharges on surface water and groundwater and to involve the public in reducing pollutants in stormwater runoff and mitigating flow.

The permittee shall **annually** conduct educational activities that total at least **12 points** and include activities from **at least three of the five categories** found below.

At a minimum, at least one of the activities shall involve educating businesses and the general public of hazards associated with illicit connections and improper disposal of waste.

Each approved activity is listed below with an assigned point value. Additional information on how to conduct these Public Education and Outreach activities can be found under Notes and Definitions Part IV.A.3 and 4 of this permit. Records shall be kept necessary to demonstrate compliance with this requirement, including date of activities and any other relevant documentation.

Category 1: General Public Outreach		
Activity	Description	Points
Social Media	Post relevant stormwater materials on a municipal social media site, such as a Facebook, Instagram, or Twitter page. This information may include links to other stormwater related resources, including the municipality's stormwater webpage and the NJDEP stormwater website (www.njstormwater.org). *One point awarded for each social media platform used. A maximum of 3 points is allowed.	3* The Twp. will earn 1 points for this activity w/ Facebook posts.
Newspaper Ad	Use Department created and approved stormwater education materials available on www.cleanwater.nj.org to publish an ad in a newspaper or newsletter that serves the municipality. *A maximum of 1 point is allowed.	1*
Radio/Television	Broadcast a stormwater-related radio or television public service announcement from www.cleanwater.nj.org on a local radio or municipal public service channel. *One point awarded for each media outlet used. A maximum of 2 points is allowed.	2*
Green Infrastructure Signage	Post signs at municipally owned green infrastructure sites that describe the function and importance of the infrastructure, contact phone number, municipal identification number, and/or website for more information. *New signs receive 0.5 points per sign. Existing signs that are maintained or upgraded receive 0.25 points	5*

	per sign. A maximum of 5 points is allowed.	
Billboard/Sign	Post and maintain (for credit in subsequent years) a stormwater-related billboard or sign which can be displayed on a bus, bus stop shelter, recreation field (outfield sign), or other common public location.	2
Mural	Produce and maintain (for credit in subsequent years) the planning and painting of a stormwater pollution themed mural, storm drain art or other artwork at a local downtown/commercial area or other similar public venue.	2
Stormwater Facility Signage	Post signs at municipally owned stormwater management basins or other structural stormwater related facilities that describe the function and importance of the facility, contact phone number, municipal identification number, and/or website for more information. *New signs receive 0.5 points per sign. Existing signs that are maintained or upgraded receive 0.25 points per sign. A maximum of 5 points is allowed.	5*

Category 2: Targeted Audiences Outreach		
Activity	Description	Points
Stormwater Display	Present a stormwater related display or materials at any municipal event (e.g., Earth Day, town picnic), at the municipal building or other similar public venue.	1
Promotional Item	Distribute an item or items with a stormwater related message (e.g., refrigerator magnets, temporary tattoos, key chains, bookmarks, pet waste bag dispensers, coloring books, and pens or pencils). Municipality must initially have available a minimum number of the items equal to 10% of the municipal population.	2
Private Stormwater Facilities Education	Provide information to all known owners of stormwater facilities not owned or operated by the municipality (i.e., privately-owned) highlighting the importance of proper maintenance of stormwater measures. For assistance, see information at www.nj.gov/dep/stormwater/maintenance_guidance.htm .	3 The Twp will provide info in the annual maintenance mailing.
Mailing or e-Mailing Campaign	Distribute any of the Department's educational brochures, tip cards, or a municipally produced equivalent (e.g., community calendar, newsletter, or recycling schedule) via a mailing to every resident and business in the municipality. *A maximum of 2 points is allowed.	2* Info. is provided in the annual Twp calendar.
Ordinance Education	Distribute a letter or e-mail from the mayor or municipal official to every resident and business in the municipality highlighting the requirements and environmental benefits of the Pet Waste, Wildlife Feeding, Litter Control, Improper Disposal of Waste, Containerized Waste/Yard Waste Collection, Private Storm Drain Inlet Retrofitting, Illicit Connection, Tree, and Salt Storage ordinances. Provide a link to the municipal website where subject ordinances are posted.	3 The Twp. will distribute a letter with the annual tax bill.

Category 3: School/Youth Education and Activities		
Activity	Description	Points
School Presentations	Provide water-related educational presentation(s) and/or activities to local preschool, elementary, middle,	5*

	and/or high school classes using municipal staff or local partner organizations. Topics could include stormwater, nonpoint source pollution, watersheds, water conservation and water quality. For ideas, see information at www.nj.gov/dep/seeds .	
*Presentations receive 1 point per presentation, with a maximum of 5 points allowed.		
Water Education Workshops	Provide water-related professional development workshops for local teachers from a registered NJ Department of Education Professional Development Provider	2
Storm Drain Labeling	Organize a project to label and/or maintain storm drain labels (that are not already precast with a message) with a scout troop, local school district, or faith-based group, or other community youth group for a minimum of 40 labels. This project could also include stenciling over precast labels to improve legibility.	3
Educational Contest for Schools	Organize an educational contest with a local school district or a local community organization serving youth to design a poster, magnet, rain stick, rain barrel or other craft/art object. Contest themes shall have an appropriate stormwater message. Winning entries are to be displayed at publicly accessible locations within the municipality such as at the town hall, library, post office, or school. The winning design should be shown on the municipality's website or social media site, if practical.	3
AmeriCorps Event	Coordinate an event (e.g., volunteer stream monitoring, educational presentations, or stormwater awareness project) through AmeriCorps NJ Watershed Ambassador Program.	4
Clean-up	Sponsor or organize a litter clean up for a scout troop, local school district, faith-based group or other community youth group along a local waterway, public park, stormwater facility, or in an area with storm drains that discharge to a local lake or waterway.	3 The Twp completes an annual cleanup of the lake area with the community.

Category 4: Watershed/Regional Collaboration		
Activity	Description	Points
Regional Stormwater Collaboration	Participate in a regional stormwater, community collaborative or other watershed-based group on a regular basis to discuss impaired waterbodies, TMDLs, regional stormwater related issues, or watershed restoration plans that address those waterbodies. Evaluate, develop, and implement remedies that resolve stormwater-related issues within the affected waterbody or watershed.	3
Green Infrastructure Workshop	Organize or participate in a rain barrel, rain garden or other green infrastructure workshop on a regional or watershed basis. This could be a partnership exercise with a local watershed organization, utility, university, school, youth/faith-based group, and/or other organization.	3
Community Activity	Organize or participate in the organization of a regional or watershed-based event to carry out stormwater activities such as stormwater facility maintenance or litter clean-up. The municipality may identify and enter into a partnership agreement with a local group such as a watershed organization, utility, university, school, youth/faith-based group, and/or other organization to carry out these activities.	3

Category 5: Community Involvement Activities		
Activity	Description	Points

Volunteer Stormwater Assessment or Stream Monitoring	Establish a volunteer stormwater facility assessment (inspection, inventory and/or mapping) or stream monitoring program for a waterbody within the municipality to gauge the health of the waterway through chemical, biological or visual monitoring protocols. Contact NJDEP's AmeriCorps NJ Watershed Ambassador Program or review USEPA National Directory of Volunteer Monitoring Programs.	3
Rain Barrel Workshop	Organize or participate in a rain barrel workshop. This could be a partnership exercise with a local watershed organization, university, school, youth/faith-based group, and/or another nonprofit.	3
Rain Garden Workshop	Organize or participate in a rain garden training or installation workshop. This could be a partnership exercise with a local watershed organization, university, school, youth/faith-based group, and/or another nonprofit.	3
Community Event	Organize or participate in the organization of a community event to carry out stormwater activities such as stormwater measure maintenance or a stream buffer restoration. The municipality may identify and enter into a partnership agreement with a local group such as a watershed organization, university, utility, school, youth/faith-based group, and/or other nonprofit to carry out these activities.	3
Community Involvement	Organize a project with a local organization to create and post signs at either green and/or gray stormwater infrastructure sites or facilities that describe the function and importance of the facility, contact phone number, municipal identification number, and/or website for more information.	5*

*Signs receive 0.5 points per sign. A maximum of 5 points is allowed.

PET WASTE AND WATER POLLUTION



Pet waste is carried by rain, melting snow, and ice to storm drains that empty into rivers, lakes, and the ocean. It also reaches reservoirs which supply much of the drinking water in New Jersey.

Pollution due to pet waste negatively impacts swimming, boating and fishing in these water bodies.

Pet waste contains microorganisms that can cause bacterial diseases, roundworms and parasitic infections.

In addition, pet waste contains harmful levels of nutrients which promote excessive algae and plant growth. This can rob the waterbody of oxygen, potentially killing all aquatic life in the area. Such nutrient pollution also causes waters to become cloudy and green.

Proper Pet Waste Disposal

Flush it down the toilet.

But do not flush bags, debris, or nonbiodegradable items

OR

Put it in the trash.

**THANK YOU FOR
DOING YOUR PART
TO KEEP
NEW JERSEY'S
WATERS CLEAN**



For More
Info

- NJDEP Municipal Stormwater Regulation https://www.nj.gov/dep/dwq/msrp_home.htm
- EPA- Polluted Runoff: Nonpoint Source Pollution <https://www.epa.gov/nps>

Solutions to Stormwater Pollution

Easy Things You Can Do Every Day To Protect Our Water

A Guide to Healthy Habits for Cleaner Water

Pollution on streets, parking lots and lawns is washed by rain into storm drains, then directly to our drinking water supplies and the ocean and lakes our children play in. Fertilizer, oil, pesticides, detergents, pet waste, grass clippings: You name it and it ends up in our water.

Stormwater pollution is one of New Jersey's greatest threats to clean and plentiful water, and that's why we're all doing something about it.

By sharing the responsibility and making small, easy changes in our daily lives, we can keep common pollutants out of stormwater. It all adds up to cleaner water, and it saves the high cost of cleaning up once it's dirty.

As part of New Jersey's initiative to keep our water clean and plentiful and to meet federal requirements, many municipalities and other public agencies including colleges and military bases must adopt ordinances or other rules prohibiting various activities that contribute to stormwater pollution. Breaking these rules can result in fines or other penalties.



As a resident, business, or other member of the New Jersey community, it is important to know these easy things you can do every day to protect our water.

Limit your use of fertilizers and pesticides

- Do a soil test to see if you need a fertilizer.
- Do not apply fertilizers if heavy rain is predicted.
- Look into alternatives for pesticides.
- Maintain a small lawn and keep the rest of your property or yard in a natural state with trees and other native vegetation that requires little or no fertilizer.
- If you use fertilizers and pesticides, follow the instructions on the label on how to correctly apply it.



Make sure you properly store or discard any unused portions.

Properly use and dispose of hazardous products

- Hazardous products include some household or commercial cleaning products, lawn and garden care products, motor oil, antifreeze, and paints.
- Do not pour any hazardous products down a storm drain because storm drains are usually connected to local waterbodies and the water is not treated.

- If you have hazardous products in your home or workplace, make sure you store or dispose of them properly. Read the label for guidance.
- Use natural or less toxic alternatives when possible.
- Recycle used motor oil.
- Contact your municipality, county or facility management office for the locations of hazardous-waste disposal facilities.



Keep pollution out of storm drains

- Municipalities and many other public agencies are required to mark certain storm drain inlets with messages reminding people that storm drains are connected to local waterbodies.
- Do not let sewage or other wastes flow into a stormwater system.

Clean up after your pet

- Many municipalities and public agencies must enact and enforce local pet-waste rules.
- An example is requiring pet owners or their keepers to pick up and properly dispose of pet waste dropped on public or other people's property.
- Make sure you know your town's or agency's requirements and comply with them. It's the law. And remember to:
 - Use newspaper, bags or pooper-scoopers to pick up wastes.
 - Dispose of the wrapped pet waste in the trash or unwrapped in a toilet.
 - Never discard pet waste in a storm drain.

Don't feed wildlife

- Do not feed wildlife, such as ducks and geese, in public areas.
- Many municipalities and other public agencies must enact and enforce a rule that prohibits wildlife feeding in these areas.



Don't litter

- Place litter in trash receptacles.
- Recycle. Recycle. Recycle.
- Participate in community cleanups.

Dispose of yard waste properly

- Keep leaves and grass out of storm drains.
- If your municipality or agency has yard waste collection rules, follow them.
- Use leaves and grass clippings as a resource for compost.
- Use a mulching mower that recycles grass clippings into the lawn.



Contact information

For more information on stormwater related topics, visit www.njstormwater.org or www.nonpointsource.org

Additional information is also available at U. S. Environmental Protection Agency Web sites www.epa.gov/npdes/stormwater or www.epa.gov/nps

New Jersey Department of Environmental Protection
Division of Water Quality
Bureau of Nonpoint Pollution Control
Municipal Stormwater Regulation Program
(609) 633-7021



www.cleanwaternj.org



WHEN YOUR PET GOES ON THE LAWN,
REMEMBER IT DOESN'T JUST
GO ON THE LAWN.



Rain washes pollutants into storm drains and directly into our lakes, rivers and the ocean.
So what can you do? Properly dispose of your pet's waste by flushing it down the toilet
or by placing it in a bag and throwing it in the trash.

www.cleanwaterNJ.org



Thanks to the Washington Department of Ecology, King County, and the cities of Bellevue, Seattle and Tacoma.

WHEN YOU'RE WASHING YOUR CAR IN
THE DRIVEWAY, REMEMBER YOU'RE NOT
JUST WASHING YOUR CAR
IN THE DRIVEWAY.



Rain washes pollutants into storm drains and directly into our lakes, rivers and the ocean.
So what can you do? Take your car to a car wash where
the water gets treated and recycled.

www.cleanwaterNJ.org



Thanks to the Washington Department of Ecology, King County, and the cities of Bellevue, Seattle and Tacoma.

IF YOU LITTER IN THE STREET,
YOU MIGHT AS WELL LITTER
IN THE RIVER.



Rain washes pollutants into storm drains and directly into our lakes, rivers and the ocean.
So what can you do? Recycle and dispose of your trash properly.



www.cleanwaterNJ.org



STORMWATER POLLUTION: WHAT DO YOU THINK?

- You may think littering is no big deal (it is).
- You may think that whatever runs into the storm drains gets treated before it reaches local rivers and streams (it isn't).
- You may think motor oil and other hazardous materials doesn't harm the water very much (it does).

Pollution seeps into the ground and is carried by stormwater (rain and snow) directly to our drinking water, streams, lakes and oceans. Contaminated stormwater is the #1 cause of water pollution in New Jersey. Simple things, like proper clean-up after oneself and careful use of chemicals in the home, office and yard, are helpful ways for businesses and residents to protect the water.

has ordinances aimed at reducing pollution from litter, fertilizer, oil, pesticides, detergents, animal waste, grass clippings and other debris. For details, see

. Thank you for keeping them in mind and doing your share.



**Clean
Water** **NJ**

**Keep grass, leaves and trash
out of storm drains**



Don't feed wildlife



Clean up after your pet



**Limit use of fertilizers &
pesticides**



**Properly handle hazardous
products**



**NJ DEPARTMENT OF
ENVIRONMENTAL
PROTECTION**

www.nj.gov/dep/dwg

www.cleanwater.nj.org

Form 4 – Post-Construction Stormwater Management in New Development and Redevelopment

Part IV.E.

1. How does the municipality define “major development”? If it is different from the definition in N.J.A.C. 7:8, explain the difference.
<p><u>MAJOR DEVELOPMENT</u></p> <p>A. <i>An individual development, as well as multiple developments, that individually or collectively result in:</i></p> <ol style="list-style-type: none"> 1) <i>The disturbance of one or more acres of land since February 2, 2004;</i> 2) <i>The creation of 1/4 acre or more of regulated impervious surface since February 2, 2004;</i> 3) <i>The creation of 1/4 acre or more of regulated motor vehicle surface since March 2, 2021, or the effective date of this article, whichever is earlier; or</i> 4) <i>A combination of Subsection A(2) and (3) above that totals an area of 1/4 acre or more. The same surface shall not be counted twice when determining if the combination area equals 1/4 acre or more.</i> <p>B. <i>Major development includes all developments that are part of a common plan of development or sale (for example, phased residential development) that collectively or individually meet any one or more of Subsection A(1), (2), (3) or (4) above. Projects undertaken by any government agency that otherwise meet the definition of "major development", but which do not require approval under the Municipal Land Use Law, N.J.S.A. 40:55D-1 et seq., are also considered major development.</i></p>
2. Is the municipality’s stormwater control ordinance (SCO) the same as or more stringent than NJDEP’s model SCO? If more stringent, explain the difference.
<i>The Township stormwater control ordinance is the same as the NJDEP’s model SCO. The Township SCO has an article for both non-pinelands areas and Pinelands areas.</i>
3. Describe the process for reviewing major development project applications for compliance with the SCO and Residential Site Improvement Standards (RSIS).
<i>Application for a major development shall be made to the appropriate review entity within the Township of Ocean, either the Planning Board or the Zoning Board of Adjustment. All applications for major site plan and/or subdivision approval, qualifying as a major development shall submit a full set of site plans in accordance with Township Ordinance as well as a Stormwater Management Report prepared by a licensed professional engineer in the State of New Jersey. Said plans and reports shall be reviewed by the Board's Professionals against the Township's Stormwater Control Ordinance (SCO). All designs</i>

<p><i>must be in strict conformance with the SCO; variances are not to be granted. Any deviation shall be discussed at the Board hearing and amended designs prepared by the Applicant.</i></p> <p><i>Included in the design documents shall be O&M Manuals and plans for the stormwater facilities, which shall be filed by deed. Both the Board Office, Township Clerk, and Township Stormwater Coordinator shall maintain copies.</i></p>
<p>4. Does your municipality have a mitigation plan included in your Municipal Stormwater Management Plan and Stormwater Control Ordinance? Indicate the location of records of all variances granted.</p>
<p><i>No. No variances have been granted. Approved applications for Major Developments, including major development summary sheets, are on file with the Township's Planning Board or Zoning Board, as applicable, as well as the Township Clerk.</i></p>
<p>5. Indicate the dates of each iteration of the township's Stormwater Control Ordinance, starting with the initial adoption and including revisions.</p>
<p><i>Stormwater Control – Non-Pinelands Areas</i></p> <ul style="list-style-type: none"> <i>Adopted March 16, 2021</i> <p><i>Stormwater Control – Non-Pinelands Areas</i></p> <ul style="list-style-type: none"> <i>Effective May 25, 2024, by Ord. 2024-5</i> <i>Address the July 2023 revised State “Model Stormwater Control Ordinance”</i> <p><i>Stormwater Control – Pinelands Areas</i></p> <ul style="list-style-type: none"> <i>Effective May 25, 2024, by Ord. 2024-6</i> <i>Address the amending and supplementing various sections of chapter 322 of the Township code entitled “Stormwater Control”</i>
<p>6. Indicate the dates of each iteration of the township's Municipal Stormwater Management Plan, starting with the initial adoption and including revisions.</p>
<p><i>Municipal Stormwater Management Plan</i></p> <ul style="list-style-type: none"> <i>Adopted August 7, 2008</i> <p><i>The Township is in the process of developing a revised Stormwater Management Plan. The plan is intended to be completed by January 31, 2025.</i></p>

ORDINANCE NO. 2024-6

**AN ORDINANCE OF THE TOWNSHIP OF OCEAN,
COUNTY OF OCEAN, STATE OF NEW JERSEY
AMENDING AND SUPPLEMENTING VARIOUS
SECTIONS OF CHAPTER 322 OF THE TOWNSHIP
CODE ENTITLED "STORMWATER CONTROL"
AND CHAPTER 410 ENTITLED "ZONING"**

WHEREAS, the Pinelands Protection Act (N.J.S.A. 13:18A-1) requires that the municipal master plan and local land use ordinances of the Township of Ocean implement the objectives of the Pinelands Comprehensive Management Plan (N.J.A.C. 7:50) and conform with the minimum standards contained therein; and

WHEREAS, the Pinelands Comprehensive Management Plan incorporates by reference certain stormwater management regulations contained at N.J.A.C. 7:8; and

WHEREAS, the New Jersey Department of Environmental Protection adopted amendments to certain stormwater management regulations contained at N.J.A.C. 7:8, effective July 12, 2023; and

WHEREAS, the Pinelands Commission adopted amendments to the Pinelands Comprehensive Management Plan, effective December 4, 202; and

WHEREAS, the following revisions to the Township Code include removed provisions with a strikethrough ---- and new language as underlined _____; and

NOW THEREFORE BE IT ORDAINED by the Mayor and Township Committee of the Township of Ocean, County of Ocean, and State of New Jersey that Chapter 322 of the Township Code entitled "Stormwater Control" and Chapter 410 of the Township Code entitled "Zoning" shall read as follows:

SECTION I. Chapter 322, Stormwater Control, Article II, Pinelands Area, Section 322-14, Stormwater Management Requirements, is hereby amended by revising subsection D, as follows:

D. **Tables 1, 2, and 3** below summarize the ability of stormwater best management practices identified and described in the New Jersey Stormwater BMP Manual to satisfy the green infrastructure, groundwater recharge, stormwater runoff quality and stormwater runoff quantity standards specified in §322-14N, O, P, and Q. When designed in accordance with the most current version of the New Jersey Stormwater BMP Manual and this Section, the stormwater management measures found in **Tables 1, 2, and 3** are presumed to be capable of providing stormwater controls for the design and performance standards as outlined in the tables below. Upon amendments of the New Jersey Stormwater BMP Manual to reflect additions or deletions of BMPs meeting these standards, or changes in the presumed performance of BMPs designed in accordance with the New Jersey Stormwater BMP Manual, the NJDEP shall publish in the New Jersey Registers a notice of administrative change revising the applicable table. The most current version of the BMP Manual can be found on the NJDEP website at: <https://njstormwater.org/bmp-manual2.htm>
<https://dep.nj.gov/stormwater/bmp-manual/>.

SECTION 2: Chapter 322, Stormwater Control, Article II, Pinelands Area, Section 322-14, Stormwater Management Requirements, is hereby amended by revising subsection O. as follows:

O. Groundwater Recharge Standards

- (1) No Change.
- (2) For all major development, the total runoff volume generated from the net increase in impervious surfaces by a the current 10-year, 24-hour storm, as defined and determined in §322-15H, shall be retained and infiltrated onsite.
- (3) For minor development that involves the construction of four or fewer dwelling units, the runoff generated from the total roof area of the dwelling(s) by a the current 10-year, 24-hour storm, as defined and determined in §322-15H, shall be retained and infiltrated through installation of one or more green infrastructure stormwater management measures designed in accordance with the New Jersey Stormwater BMP Manual. Appropriate green infrastructure stormwater management measures include, but are not limited to dry wells, pervious pavement systems, and small scale bioretention systems, including rain gardens.
- (4) No Change.
- (5) No Change.

SECTION 3: Chapter 322, Stormwater Control, Article II, Pinelands Area, Section 322-14, Stormwater Management Requirements, is hereby amended by revising subsection Q. as follows:

Q. Stormwater Runoff Quantity Standards

(1) No Change.

(2) In order to control stormwater runoff quantity impacts, the design engineer shall, using the assumptions and factors for stormwater runoff calculations at **§322-15**, complete one of the following:

(a) Demonstrate through hydrologic and hydraulic analysis that for stormwater leaving the site, post-construction runoff hydrographs for the current and projected 2-, 10-, and 100-year storm events, as defined and determined in **§322-15H and I**, do not exceed, at any point in time, the pre-construction runoff hydrographs for the same storm events;

(b) Demonstrate through hydrologic and hydraulic analysis that there is no increase, as compared to the pre-construction condition, in the peak runoff rates of stormwater leaving the site for the current and projected 2-, 10- and 100-year storm events, as defined and determined in **§322-15H and I**, and that the increased volume or change in timing of stormwater runoff will not increase flood damage at or downstream of the site. This analysis shall include the analysis of impacts of existing land uses and projected land uses assuming full development under existing zoning and land use ordinances in the drainage area;

(c) Design stormwater management measures so that the post-construction peak runoff rates for the current and projected 2-, 10- and 100-year storm events, as defined and determined in **§322-15H and I**, are 50, 75 and 80 percent, respectively, of the pre-construction peak runoff rates. The percentages apply only to the post-construction stormwater runoff that is attributable to the portion of the site on which the proposed development or project is to be constructed; or

(d) No Change.

(3) No Change.

(4) No Change.

(5) No Change.

SECTION 4: Chapter 322, Stormwater Control, Article II, Pinelands Area, Section 322-15, Calculation of Stormwater Runoff and Groundwater Recharge, is hereby amended as follows:

§322-15. Calculation of Stormwater Runoff and Groundwater Recharge

A. Stormwater runoff shall be calculated by the design engineer using the USDA Natural Resources Conservation Service (NRCS) methodology, including the NRCS Runoff Equation and Dimensionless Unit Hydrograph, as described in Chapters 7, 9, 10, 15 and 16 Part 630, Hydrology National Engineering Handbook, incorporated herein by reference as amended and supplemented, except that the Rational Method for peak flow and the Modified Rational Method for hydrograph computations shall not be used. This methodology is additionally described in Technical Release 55 - Urban Hydrology for Small Watersheds (TR-55), dated June 1986, incorporated herein by reference as amended and supplemented. Information regarding the methodology is available from the Natural Resources Conservation Service website at: https://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb1044171.pdf or at United States Department of Agriculture Natural Resources Conservation Service, 220 Davison Avenue, Somerset, New Jersey 08873.

B. No Change.

C. For the purpose of calculating ~~runoff coefficients~~ curve numbers and groundwater recharge, there is a presumption that the pre-construction condition of a site or portion thereof is a wooded land use with good hydrologic condition. The term "curve number" applies to the NRCS methodology at A. above. A ~~runoff coefficient~~ curve number or a groundwater recharge land cover for an existing condition may be used on all or a portion of the site if the design engineer verifies that the hydrologic condition has existed on the site or portion of the site for at least five years without interruption prior to the time of application. If more than one land cover has existed on the site during the five years immediately prior to the time of application, the land cover with the lowest runoff potential shall be used for the computations. In addition, there is the presumption that the site is in good hydrologic condition (if the land use type is pasture, lawn, or park), with good cover (if the land use type is woods), or with good hydrologic condition and conservation treatment (if the land use type is cultivation).

D. No Change.

E. No Change.

F. No Change.

G. No Change.

H. The precipitation depths of the current two-, 10-, and 100-year storm events shall be determined by multiplying the values determined in accordance with items (1) and (2) below:

(1) The applicant shall utilize the National Oceanographic and Atmospheric Administration (NOAA), National Weather Service's Atlas 14 Point Precipitation Frequency Estimates: NJ, in accordance with the location(s) of the drainage area(s) of the site. This data is available at:

https://hdsc.nws.noaa.gov/hdsc/pfds/pfds_map_cont.html?bkmrk=nj
and

(2) The applicant shall utilize Table 5: Current Precipitation Adjustment Factors below, which sets forth the applicable multiplier for the drainage area(s) of the site, in accordance with the county or counties where the drainage area(s) of the site is located. Where the major development lies in more than one county, the precipitation values shall be adjusted according to the percentage of the drainage area in each county. Alternately, separate rainfall totals can be developed for each county using the values in the table below.

Table 5: Current Precipitation Adjustment Factors

County	Current Precipitation Adjustment Factors		
	2-year Design Storm	10-year Design Storm	100-year Design Storm
<u>Ocean</u>	<u>1.00</u>	<u>1.01</u>	<u>1.03</u>

I. Table 6: Future Precipitation Change Factors provided below sets forth the change factors to be used in determining the projected two-, 10-, and 100-year storm events for use in this chapter, which are organized alphabetically by county. The precipitation depth of the projected two-, 10-, and 100-year storm events of a site shall be determined by multiplying the precipitation depth of the two-, 10-, and 100-year storm events determined from the National Weather Service's Atlas 14 Point Precipitation Frequency Estimates pursuant to H.(1) above, by the change factor in the table below, in accordance with the county or counties where the drainage area(s) of the site is located. Where the major development and/or its drainage area lies in more than one county, the precipitation values shall be adjusted according to the percentage of the drainage area in each county. Alternately, separate rainfall totals can be developed for each county using the values in the table below.

Table 6: Future Precipitation Change Factors

County	Future Precipitation Change Factors		
	2-year Design Storm	10-year Design Storm	100-year Design Storm
<u>Ocean</u>	<u>1.18</u>	<u>1.19</u>	<u>1.24</u>

SECTION 5: Chapter 322, Stormwater Control, Article II, Pinelands Area, Section 322-16, Sources for Technical Guidance, is hereby amended as follows:

§322-16. Sources for Technical Guidance

A. Technical guidance for stormwater management measures can be found in the documents listed below, which are available to download from the NJDEP's website at: http://www.nj.gov/dep/stormwater/bmp_manual2.htm
<https://dep.nj.gov/stormwater/bmp-manual/>.

(1) No Change.

(2) Additional maintenance guidance is available on the NJDEP's website at: https://www.njstormwater.org/maintenance_guidance.htm
<https://dep.nj.gov/stormwater/maintenance-guidance/>.

B.

(1) Submissions required for review by the NJDEP should be mailed to:

The Division of ~~Water Quality~~ Watershed Protection and Restoration,
New Jersey Department of Environmental Protection, Mail Code ~~401-~~
~~02B~~501-02A, PO Box 420, Trenton, New Jersey 08625-0420.

(2) No Change.

SECTION 6: Chapter 410, Zoning, Article I, General Provisions, Section 410-8, Definitions, is hereby amended by adding the following definitions:

DIVERT or DIVERSION – Means the taking of water from a river, stream, lake, pond, aquifer, well, other underground source, or other waterbody, whether or not the water is returned thereto, consumed, made to flow into another stream or basin, or discharged elsewhere.

HYDROLOGIC UNIT CODE-11 or HUC-11 – Means an area within which water drains to a particular receiving surface water body, also known as a sub watershed, which is identified by an 11-digit hydrologic unit boundary designation, delineated within New Jersey by the United States Geological Survey.

NONCONSUMPTIVE USE – Means the use of water diverted from surface or ground waters in such a manner that at least 90 percent of the diverted water is returned to the source surface or ground water at or near the point from which it was taken.

SECTION 7: Chapter 410, Zoning, Article XI, Pinelands Area Standards and Site Requirements, Section 410-83, Water quality, is hereby amended as follows:

§410-83 Water quality.

A. No Change.

B. No Change.

C. No Change.

D. No Change.

E. Water management

(1) Water shall not be exported from the Pinelands except as otherwise provided at N.J.S.A. 58:1A-7.1.

(2) A diversion within the Pinelands Area portion of Ocean Township that involves the interbasin transfer of water from sources within the Pinelands Area between the Atlantic Basin and the Delaware Basin, as defined at **(a)** and **(b)** below, or outside of either basin, shall be prohibited.

(a) The Atlantic Basin is comprised of Watershed Management Areas 13, 14, 15, and 16, as identified by the New Jersey Department of Environmental Protection.

(b) The Delaware Basin is comprised of Watershed Management Areas 17, 18, 19, and 20 as identified by the New Jersey Department of Environmental Protection.

(3) A diversion within the Pinelands Area portion of Ocean Township involving the intrabasin transfer of water between HUC-11 watersheds in the same basin, Atlantic Basin or Delaware Basin as defined at **(2)(a)** and **(b)** above, shall be permitted. If such an intrabasin transfer involves water sourced from the Kirkwood-Cohansey aquifer, the diversion shall meet the criteria and standards set forth at **(4)** below.

(4) Within the Pinelands Area portion of Ocean Township, a new diversion or an increase in allocation from either a single existing diversion source or from combined existing and new diversion sources in the same HUC-11 watershed and in the Kirkwood-Cohansey aquifer, that results in a total diversion of 50,000 gallons of water per day or more (hereafter referred to as "proposed diversion") shall be prohibited unless it meets the criteria of **(a)** below. "Allocation" shall mean a diversion permitted pursuant to a Water Allocation Permit or Water Use Registration Number issued by the New Jersey Department of Environmental Protection pursuant to N.J.A.C. 7:19.

(a) A proposed diversion shall only be permitted if it is:

[1] A new well that is to replace an existing well, provided the existing well is decommissioned in accordance with N.J.A.C. 7:9D-3 and the new replacement well will:

[a] Be approximately the same depth as the existing well;

[b] Divert from the same aquifer as the existing well;

[c] Have the same or lesser pump capacity as the existing well;
and

[d] Be located within 100 feet of, and in the same HUC-11 watershed as, the existing well;

[2] Any proposed diversion that is exclusively for agricultural or horticultural use; or

[3] Any proposed diversion for a resource extraction operation that constitutes a nonconsumptive use, provided the water returned to the source is not discharged to a stream or waterbody or otherwise results in offsite flow, and the diversion and return are located on the same parcel.

SECTION 8: Chapter 410, Zoning, Article XI, Pinelands Area Standards and Site Requirements, Section 410-85, Resource extraction, is hereby amended by revising subsection A. as follows:

Sand, gravel, clay and ilmenite are important Pineland resources that have been commercially utilized in the past. Such activities can provide substantial economic benefit to landowners; however, it is critical that such activities do not conflict with the values of the Pinelands and Ocean Township. This section is intended to ensure that extraction activities do not adversely affect long-term ecological values of the Township, and that abandoned extraction sites will be restored so that they will be a functional part of the ecosystem.

A. Application requirements. Prior to the issuance of any permit for the operation of and/or the expansion of resource extraction, site plan approval must be obtained from the Ocean Township Land Use Board, the condition of which will be a requirement that the applicant submit its proposal to the Ocean Township Environmental Commission. The Ocean Township Environmental Commission shall advise the Township's Land Use Board of any questions, concerns or objections it might have with respect to the proposal. Any

currently operating resource extraction operation, in active use at the time of the adoption of the ordinance codified in this section, shall have one year from the date of the adoption of the ordinance codified in this section, to submit an application to the Land Use Board for approval. Any application filed for approval of resource extraction requirements in the Pinelands shall include at least the following information:

- (1) No Change.
- (2) No Change.
- (3) No Change.
- (4) No Change.
- (5) No Change.
- (6) No Change.
- (7) No Change.
- (8) No Change.
- (9) No Change.
- (10) No Change.
- (11) No Change.
- (12) No Change.
- (13) No Change.
- (14) No Change.
- (15) No Change.
- (16) No Change.
- (17) No Change.

(18) If the application includes a proposed diversion from the Kirkwood-Cohansey aquifer, a hydrogeologic report that identifies the volume of the diversion, the volume of water to be returned to the source, a description of the route of return to the source, the methodology used to quantify the volume of water returned to the source and a description of any other existing or proposed water diversions or discharges on or from the parcel. The report shall also include a map that depicts the location of the diversion, the location of the return to source, the location of all existing

or proposed resource extraction operations and the location of all wetlands on or within 300 feet of the parcel on which the diversion is proposed.

SECTION 9: Each section, subsection, sentence, clause and phrase of this Ordinance is declared to be an independent section, subsection, sentence, clause and phrase, and the finding or holding of any such portion of this Ordinance to be unconstitutional, void, or ineffective for any cause, or reason, shall not affect any other portion of this Ordinance.

SECTION 10: All ordinances or parts of ordinances inconsistent herewith are hereby repealed.

SECTION 11: If any section, subsection, sentence, clause, phrase or portion of this ordinance is for any reason held to be invalid or unconstitutional by a court of competent jurisdiction, such portion shall be deemed a separate, distinct and independent provision, and such holding shall not affect the validity of the remaining portions hereof.

SECTION 12: This ordinance shall take effect after second reading and publication as required by law.

NOTICE

NOTICE IS HEREBY GIVEN that the foregoing ordinance was introduced and passed by the Township Committee on first reading at a meeting of the Township Committee of the Township of Ocean on the 16th day of April, 2024, and will be considered for second and final passage at a meeting of the Township Committee to be held on the 21st day of May, 2024, at 6:00 PM. at the Municipal Building located at 50 Railroad Avenue, Waretown, New Jersey, at which time and place any persons desiring to be heard upon the same will be given the opportunity to be so heard.

DASTI STAIGER
ATTORNEYS AT LAW

310 Lacey Road | P.O. Box 779
Forked River, NJ 08731

DIANE B. AMBROSIO, RMC, Clerk
Township of Ocean

ORDINANCE NO. 2024-5

**AN ORDINANCE OF THE TOWNSHIP OF OCEAN,
COUNTY OF OCEAN, STATE OF NEW JERSEY
AMENDING AND SUPPLEMENTING CHAPTER 322
OF THE TOWNSHIP CODE ENTITLED
“STORMWATER CONTROL” AND SPECIFICALLY
ARTICLE I THEREOF ENTITLED “NON
PINELANDS AREAS”**

NOW THEREFORE BE IT ORDAINED by the Mayor and Township Committee of the Township of Ocean, County of Ocean, and State of New Jersey that Chapter 322 of the Township Code entitled “Stormwater Control” and specifically Article I therefore entitled “Non-Pinelands Areas” shall read as follows:

SECTION 1.

Chapter 322 of the Township Code entitled “Stormwater Control” and specifically Article I thereof entitled “Non-Pinelands Areas” is hereby amended and supplemented and shall read as follows:

§322-1 Scope and Purpose.

A. Policy Statement

Flood control, groundwater recharge, and pollutant reduction shall be achieved through the use of stormwater management measures, including green infrastructure Best Management Practices (GI BMPs) and nonstructural stormwater management strategies. GI BMPs should be utilized to meet the goal of maintaining natural hydrology to reduce stormwater runoff volume, reduce erosion, encourage infiltration and groundwater recharge, and reduce pollution. GI BMPs should be developed based upon physical site conditions and the origin, nature and the anticipated quantity, or amount, of potential pollutants. Multiple stormwater management BMPs may be necessary to achieve the established performance standards for green infrastructure, water quality, quantity, and groundwater recharge.

B. Purpose

The purpose of this ordinance is to establish minimum stormwater management requirements and controls for “major development,” as defined below in §322-2 .

C. Applicability

1. This ordinance shall be applicable to the following major developments:
 - i. Non-residential major developments and redevelopment projects; and
 - ii. Aspects of residential major developments and redevelopment projects that are not pre-empted by the Residential Site Improvement Standards at N.J.A.C. 5:21 et seq.
2. This ordinance shall also be applicable to all major developments undertaken by the Township of Ocean.
3. Applicability of this ordinance to major developments shall comply with last amended N.J.A.C. 7:8-1.6, incorporated herein by reference.

D. Compatibility with Other Permit and Ordinance Requirements

Development approvals issued pursuant to this ordinance are to be considered an integral part of development approvals and do not relieve the applicant of the responsibility to secure required permits or approvals for activities regulated by any other applicable code, rule, act, or ordinance. In their interpretation and application, the provisions of this ordinance shall be held to be the minimum requirements for the promotion of the public health, safety, and general welfare.

This ordinance is not intended to interfere with, abrogate, or annul any other ordinances, rule or regulation, statute, or other provision of law except that, where any provision of this ordinance imposes restrictions different from those imposed by any other ordinance, rule or regulation, or other provision of law, the more restrictive provisions or higher standards shall control.

§322-2. Definitions.

For the purpose of this ordinance, the following terms, phrases, words and their derivations shall have the meanings stated herein unless their use in the text of this ordinance clearly demonstrates a different meaning. When not inconsistent with the context, words used in the present tense include the future, words used in the plural number include the singular number, and words used in the singular number include the plural number. The word "shall" is always mandatory and not merely directory. The definitions used in this ordinance shall be the same as the last amended Stormwater Management Rules at N.J.A.C. 7:8-1.2, incorporated herein by reference.

§322-3. Design and Performance Standards for Stormwater Management Measures.

This section establishes design and performance standards for stormwater management measures for major development intended to minimize the adverse impact of stormwater runoff on water quality and water quantity and loss of groundwater recharge in receiving water bodies. Design and performance standards for stormwater management measures shall comply with last amended N.J.A.C. 7:8-5, incorporated herein by reference.

§322-4. Solids and Floatable Materials Control Standards.

A. Site design features identified under §322-3 above, or alternative designs in accordance with §322-3 above, to prevent discharge of trash and debris from drainage systems shall comply with the following standard to control passage of solid and floatable materials through storm drain inlets. For purposes of this paragraph, "solid and floatable materials" means sediment, debris, trash, and other floating, suspended, or settleable solids. For exemptions to this standard see § 322-4.A.2 below.

1. Design engineers shall use one of the following grates whenever they use a grate in pavement or another ground surface to collect

stormwater from that surface into a storm drain or surface water body under that grate:

- i. The New Jersey Department of Transportation (NJDOT) bicycle safe grate, which is described in Chapter 2.4 of the NJDOT Bicycle Compatible Roadways and Bikeways Planning and Design Guidelines; or
- ii. A different grate, if each individual clear space in that grate has an area of no more than seven (7.0) square inches or is no greater than 0.5 inches across the smallest dimension. Note that the Residential Site Improvement Standards at N.J.A.C. 5:21 include requirements for bicycle safe grates.

Examples of grates subject to this standard include grates in grate inlets, the grate portion (non-curb-opening portion) of combination inlets, grates on storm sewer manholes, ditch grates, trench grates, and grates of spacer bars in slotted drains. Examples of ground surfaces include surfaces of roads (including bridges), driveways, parking areas, bikeways, plazas, sidewalks, lawns, fields, open channels, and stormwater system floors used to collect stormwater from the surface into a storm drain or surface water body.

- iii. For curb-opening inlets, including curb-opening inlets in combination inlets, the clear space in that curb opening, or each individual clear space if the curb opening has two or more clear spaces, shall have an area of no more than seven (7.0) square inches, or be no greater than two (2.0) inches across the smallest dimension.

2. The standard in § 322-4.A.1. above does not apply:

- i. Where each individual clear space in the curb opening in existing curb-opening inlet does not have an area of more than nine (9.0) square inches;
- ii. Where the municipality agrees that the standards would cause inadequate hydraulic performance that could not practicably be overcome by using additional or larger storm drain inlets;
- iii. Where flows from the water quality design storm as specified in the last amended Stormwater Management rules at N.J.A.C. 7:8 et seq. are conveyed through any device (e.g., end of pipe netting facility, manufactured treatment device, or a catch basin hood) that is designed,

at a minimum, to prevent delivery of all solid and floatable materials that could not pass through one of the following:

- a. A rectangular space four and five-eighths (4.625) inches long and one and one-half (1.5) inches wide (this option does not apply for outfall netting facilities); or
- b. A bar screen having a bar spacing of 0.5 inches.

Note that these exemptions do not authorize any infringement of requirements in the Residential Site Improvement Standards for bicycle safe grates in new residential development (N.J.A.C. 5:21-4.18(b)2 and 7.4(b)1).

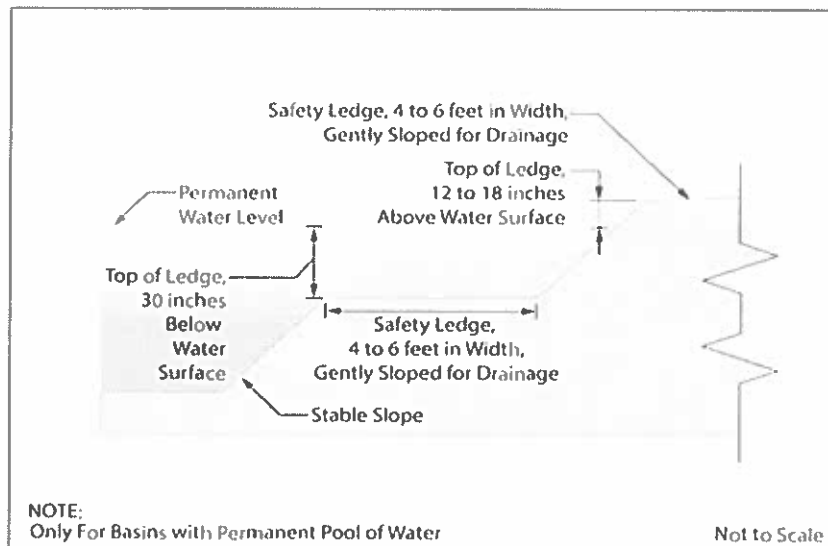
- iv. Where flows are conveyed through a trash rack that has parallel bars with one inch (1 inch) spacing between the bars, to the elevation of the Water Quality Design Storm as specified in N.J.A.C. 7:8; or
- v. Where the New Jersey Department of Environmental Protection determines, pursuant to the New Jersey Register of Historic Places Rules at N.J.A.C. 7:4-7.2(c), that action to meet this standard is an undertaking that constitutes an encroachment or will damage or destroy the New Jersey Register listed historic property.

§322-5. Safety Standards for Stormwater Management Basins.

A. This section sets forth requirements to protect public safety through the proper design and operation of stormwater management basins. This section applies to any new stormwater management basin. Safety standards for stormwater management measures shall comply with last amended N.J.A.C. 7:8-6, incorporated herein by reference.

- b. Safety Ledge Illustration

Elevation View –Basin Safety Ledge Configuration



§322-6. Requirements for a Site Development Stormwater Plan.

A. Submission of Site Development Stormwater Plan

1. Whenever an applicant seeks municipal approval of a development subject to this ordinance, the applicant shall submit all of the required components of the Checklist for the Site Development Stormwater Plan at §322-6.C below as part of the submission of the application for approval.
2. The applicant shall demonstrate that the project meets the standards set forth in this ordinance.
3. The applicant shall submit [*specify number*] copies of the materials listed in the checklist for site development stormwater plans in accordance with §322-6.C of this ordinance.

B. Site Development Stormwater Plan Approval

The applicant's Site Development project shall be reviewed as a part of the review process by the municipal board or official from which municipal approval is sought. That municipal board or official shall consult the municipality's review engineer to determine if all of the checklist requirements have been satisfied and to determine if the project meets the standards set forth in this ordinance.

C. Submission of Site Development Stormwater Plan

The following information shall be required:

1. Topographic Base Map

The reviewing engineer may require upstream tributary drainage system information as necessary. It is recommended that the

topographic base map of the site be submitted which extends a minimum of 200 feet beyond the limits of the proposed development, at a scale of 1"=200' or greater, showing 2-foot contour intervals. The map as appropriate may indicate the following: existing surface water drainage, shorelines, steep slopes, soils, erodible soils, perennial or intermittent streams that drain into or upstream of the Category One waters, wetlands and flood plains along with their appropriate buffer strips, marshlands and other wetlands, pervious or vegetative surfaces, existing man-made structures, roads, bearing and distances of property lines, and significant natural and manmade features not otherwise shown.

2. Environmental Site Analysis

A written and graphic description of the natural and man-made features of the site and its surroundings should be submitted. This description should include a discussion of soil conditions, slopes, wetlands, waterways and vegetation on the site. Particular attention should be given to unique, unusual, or environmentally sensitive features and to those that provide particular opportunities or constraints for development.

3. Project Description and Site Plans

A map (or maps) at the scale of the topographical base map indicating the location of existing and proposed buildings roads, parking areas, utilities, structural facilities for stormwater management and sediment control, and other permanent structures. The map(s) shall also clearly show areas where alterations will occur in the natural terrain and cover, including lawns and other landscaping, and seasonal high groundwater elevations. A written description of the site plan and justification for proposed changes in natural conditions shall also be provided.

4. Land Use Planning and Source Control Plan

This plan shall provide a demonstration of how the goals and standards of § 322-3 are being met. The focus of this plan shall be to describe how the site is being developed to meet the objective of controlling groundwater recharge, stormwater quality and stormwater quantity problems at the source by land management and source controls whenever possible.

5. Stormwater Management Facilities Map

The following information, illustrated on a map of the same scale as the topographic base map, shall be included:

- i. Total area to be disturbed, paved or built upon, proposed surface contours, land area to be occupied by the stormwater management facilities and the type of vegetation thereon, and details of the proposed plan to control and dispose of stormwater.
- ii. Details of all stormwater management facility designs, during and after construction, including discharge provisions, discharge capacity for each outlet at different levels of detention and emergency spillway provisions with maximum discharge capacity of each spillway.

6. Calculations

- i. Comprehensive hydrologic and hydraulic design calculations for the pre-development and post-development conditions for the design storms specified in § 322-3 of this ordinance.
- ii. When the proposed stormwater management control measures depend on the hydrologic properties of soils or require certain separation from the seasonal high water table, then a soils report shall be submitted. The soils report shall be based on onsite boring logs or soil pit profiles. The number and location of required soil borings or soil pits shall be determined based on what is needed to determine the suitability and distribution of soils present at the location of the control measure.

7. Maintenance and Repair Plan

The design and planning of the stormwater management facility shall meet the maintenance requirements of §322-7.

8. Waiver from Submission Requirements

The municipal official or board reviewing an application under this ordinance may, in consultation with the municipality's review engineer, waive submission of any of the requirements in § 322-6.C.1 through § 322-6.C.6 of this ordinance when it can be demonstrated that the information requested is impossible to obtain or it would create a hardship on the applicant to obtain and its absence will not materially affect the review process.

§322-7. Maintenance and Repair.

A. Applicability

Projects subject to review as in § 322-1.C of this ordinance shall comply with the requirements of § 322-7.B and §322-7.C.

B. General Maintenance

1. Maintenance for stormwater management measures shall comply with last amended N.J.A.C. 7:8-5.8, incorporated herein by reference.
2. The following requirements of N.J.A.C. 7:8-5.8 do not apply to stormwater management facilities that are dedicated to and accepted by the municipality or another governmental agency, subject to all applicable municipal stormwater general permit conditions, as issued by the Department:
 - i. If the maintenance plan identifies a person other than the property owner (for example, a developer, a public agency or homeowners' association) as having the responsibility for maintenance, the plan shall include documentation of such person's or entity's agreement to assume this responsibility, or of the owner's obligation to dedicate a stormwater management facility to such person under an applicable ordinance or regulation; and
 - ii. Responsibility for maintenance shall not be assigned or transferred to the owner or tenant of an individual property in a residential development or project, unless such owner or tenant owns or leases the entire residential development or project. The individual property owner may be assigned incidental tasks, such as weeding of a green infrastructure BMP, provided the individual agrees to assume these tasks; however, the individual cannot be legally responsible for all of the maintenance required.
3. In the event that the stormwater management facility becomes a danger to public safety or public health, or if it is in need of maintenance or repair, the municipality shall so notify the responsible person in writing. Upon receipt of that notice, the responsible person shall have fourteen (14) days to effect maintenance and repair of the facility in a manner that is approved by the municipal engineer or his designee. The municipality, in its discretion, may extend the time allowed for effecting maintenance and repair for good cause. If the responsible person fails or refuses to perform such maintenance and repair, the municipality or County may immediately proceed to do so and shall bill the cost thereof to the responsible person. Nonpayment of such bill may result in a lien on the property.

- C. Nothing in this subsection shall preclude the municipality in which the major development is located from requiring the posting of a performance or maintenance guarantee in accordance with N.J.S.A. 40:55D-53.

D. Stormwater basin access.

1. The facility must be readily accessible from a street or other public right-of-way. Inspection and maintenance easements, connected to the street or right-of-way, should be provided around the entire facility. The exact limits of the easements and rights-of way should be specified on the project plans and other appropriate documents.
2. Access roads and gates shall be wide enough to allow passage of necessary maintenance vehicles and equipment, including trucks, backhoes, grass mowers, and mosquito control equipment. In general, a minimum right-of-way width of 15 feet and a minimum roadway width of 12 feet is required.
3. To facilitate entry, a curb cut shall be provided where an access road meets a curbed roadway.
4. To allow safe movement of maintenance vehicles, access ramps shall be provided to the bottom of all detention facilities greater than three feet in depth. Access ramps should not exceed 10% in grade.
5. Access roads and ramps shall be stable and suitably lined to prevent rutting and other Township of Ocean, NJ §322-10 §322-10 Downloaded from <https://ecode360.com/OC2941> on 2024-04-04 damage by maintenance vehicles and equipment.
6. When backing up is difficult or dangerous, turning around areas should be provided at the end of all access roads.
7. All stormwater basins shall be perimeter fenced for safety purposes. The minimum fence height shall be four feet.
8. To allow safe movement of maintenance personnel and safe operation of equipment, fences shall be located at least three feet beyond the top or toe of any slope steeper than five horizontal to one vertical.
9. Fences shall be constructed of durable, vandal-resistant materials. Fences must meet all municipal code requirements.
10. Bottom fence rails shall be set at a maximum height of six inches above finished grade.
11. Facility perimeters should be sized and stabilized to allow movement and operation of maintenance and mosquito control equipment. A minimum perimeter width of 25 feet between the facility and adjacent structures is required along at least one side of the facility. This portion of the perimeter shall be readily

accessible from a street or other public or private right-of-way. Gates shall be equipped with a double lock system in cooperation with the Ocean County Mosquito Extermination Commission to permit same access to the basins.

12. The top of bank for facilities constructed in cut and the toe of slope for facilities constructed in fill shall be located no closer than 10 feet to an existing or proposed property line.
13. Detention basins shall be attractively buffered and landscaped and designed as to minimize propagation of insects, particularly mosquitoes. All landscaping and buffering shall be approved by the Board Engineer.
14. For safe movement of personnel and safe operation of equipment, side slopes greater than five feet in height shall not be steeper than four horizontal to one vertical. Side slopes five feet or less in height shall not be steeper than three horizontal to one vertical. Flatter side slopes shall be constructed wherever possible.
15. For safe movement of personnel and safe operation of equipment, side slopes steeper than five to one and higher than four feet shall be terraced at their midpoints. The terrace shall have a minimum width of three feet and shall be graded at 2% towards the lower half of the slope.
16. Suitable access to and alongside slopes shall be provided for maintenance personnel and equipment.

E. Maintenance guarantee.

The applicant shall provide a maintenance guarantee to ensure that all stormwater management measures required under the provisions of this article will be maintained in perpetuity according to the specifications established herein. Conditioned upon Ocean Township's approval, this may be accomplished by various mechanisms, including, but not limited to, the following:

1. The applicant may be required to post a bond or other financial assurance mechanism in the amount Ocean Township determines is needed to provide maintenance in perpetuity of all stormwater management measures;
2. Ocean Township may collect an up-front fee from the applicant in the amount Ocean Township determines is needed to provide maintenance in perpetuity of all stormwater management measures. This up-front fee shall be expended by Ocean Township for the sole purpose of conducting maintenance activities (including repair and renovation, if needed) for all stormwater

management measures required under the applicant's major development application approval;

3. The applicant may dedicate all stormwater management measures to Ocean Township, subsequent to which the Township shall assume all maintenance responsibilities; or
4. The applicant may be required to deposit funds in escrow in the amount Ocean Township determines is needed to provide maintenance in perpetuity of all stormwater management measures.

F. Stormwater management maintenance fees. For purposes of this section, the calculation of the maintenance fee will be based on the type of stormwater management system, which is to serve the development, that is, a surface system, such as a detention or retention basin, and subsurface infiltration system or a combination of the above. The fee shall be determined as follows:

1. Surface stormwater management systems (detention or retention basins). The amount of the maintenance fee shall be the annual maintenance cost per acre multiplied by the twenty-five-year maintenance period multiplied by the maintenance area in acres. The maintenance area of the stormwater management basin shall be defined to be the area included within a line drawn around the top of the bank of the basin, plus an additional 25 feet outward from the top of the bank. The annual maintenance cost per acre shall be \$1,500. The minimum contribution, regardless of the size of the basin, will be \$15,000.
2. Surface infiltration system. The amount of the maintenance fee shall be determined as follows: \$2 per linear foot of the infiltration system per year for maintenance multiplied by a twenty-five-year period, plus twice the cost of the subsurface infiltration system (not including structures). The replacement cost shall be the amount of the performance guaranties for the subsurface infiltration system, plus the amount of \$50 per linear foot for road repair for any portion of the roadway disturbed by such replacement determined by the Township Engineer. The minimum fee, regardless of the length of infiltration system, shall be \$15,000.
3. Combination systems. The required fee shall be based on a combined total of the above.

§322-8. Penalties & Penalties.

Any person(s) who erects, constructs, alters, repairs, converts, maintains, or uses any building, structure or land in violation of this ordinance shall be subject to the following penalties:

- A. Any person, firm, corporation, partnership or other business association found guilty of violating any of the provisions of this article shall be subject to a fine of not more than \$2,500 for each offense and/or confinement in the Ocean County Jail for a period of not more than 30 days. In case of a continuing violation or violations, a fine of not more than \$500 may be assessed for each day that said violation or violations continue unabated until such time as same is corrected.

SECTION 2. Each section, subsection, sentence, clause and phrase of this Ordinance is declared to be an independent section, subsection, sentence, clause and phrase, and the finding or holding of any such portion of this Ordinance to be unconstitutional, void, or ineffective for any cause, or reason, shall not affect any other portion of this Ordinance.

SECTION 3. All ordinances or parts of ordinances inconsistent herewith are hereby repealed.

SECTION 4. If any section, subsection, sentence, clause, phrase or portion of this ordinance is for any reason held to be invalid or unconstitutional by a court of competent jurisdiction, such portion shall be deemed a separate, distinct and independent provision, and such holding shall not affect the validity of the remaining portions hereof.

SECTION 5. This ordinance shall take effect after second reading and publication as required by law.

NOTICE

NOTICE IS HEREBY GIVEN that the foregoing ordinance was introduced and passed by the Township Committee on first reading at a meeting of the Township Committee of the Township of Ocean on the 16th day of April, 2024, and will be considered for second and final passage at a meeting of the Township Committee to be held on the 21st day of May, 2024, at 6:00 PM. at the Municipal Building located at 50 Railroad Avenue, Waretown, New Jersey, at which time and place any persons desiring to be heard upon the same will be given the opportunity to be so heard.

DIANE B. AMBROSIO, RMC, Clerk
Township of Ocean

DASTI & STAIGER
ATTORNEYS AT LAW

310 Lacey Road P.O. Box 779
Forked River, NJ 08731

Form 5 – Ordinances
Part IV.F.1.

Ordinance	Date Adopted	Was the DEP model adopted without change? If not, explain how the municipality's is more stringent.	Entity Responsible for Enforcement	Fees & Fines
1. Pet Waste	09/08/2005	Yes	Code Enforcement/Police Dept.	Not to exceed \$1,250
2. Wildlife Feeding	09/08/2005	Yes	Code Enforcement/Police Dept.	Not to exceed \$1,250
3. Litter Control	09/08/2005	Yes	Code Enforcement/Police Dept.	Not to exceed \$1,250
4. Improper Disposal of Waste	09/08/2005	Yes	Code Enforcement/Police Dept.	Not to exceed \$1,250
5. Yard Waste	09/08/2005	Yes	Code Enforcement/Police Dept.	Not to exceed \$1,250
6. Private Storm Drain Inlet Retrofitting	10/14/2010	Yes	Code Enforcement/Police Dept.	Not to exceed \$1,250
7. Illicit Connections	09/08/2005	Yes	Code Enforcement/Police Dept.	Not to exceed \$1,250
8. Privately-Owned Salt Storage	04/16/2024	Yes	Code Enforcement/Police Dept.	Not to exceed \$150
9. Tree Removal-Replacement	12/17/2024	Yes	Code Enforcement/Police Dept.	Not to exceed \$1,000
List any additional stormwater-related ordinances the municipality has adopted that address issues beyond the scope of the MS4 permit. Include adoption date, entity responsible for enforcement, and related fees and fines.				
<i>Refuse Container/Dumpster Ordinance adopted October 14, 2010, Code enforcement/Police department responsible for enforcement, and the fee is to not exceed \$1,250.</i>				
Indicate the location of records associated with ordinances and related violations and enforcement actions below.				
<i>The Offices of the Township Clerk and Code Enforcement Officer.</i>				

ARTICLE V
Pet Waste
[Adopted by Ord. No. 2005-4]

§ 95-22. Purpose.

The purpose of this article is to establish requirements for the proper disposal of pet solid waste in the Township of Ocean, so as to protect public health, safety and welfare and to prescribe penalties for the failure to comply.

§ 95-23. Definitions.

For the purpose of this article, the following terms, phrases, words and their derivations shall have the meanings stated in this section, unless their use in the text of this article clearly demonstrates a different meaning. When not inconsistent with the context, words used in the present tense include the future, words used in the plural number include the singular number and words used in the singular number include the plural number. The word "shall" is always mandatory and not merely directory.

IMMEDIATE — That the pet solid waste is removed at once, without delay.

OWNER/KEEPER — Any person who shall possess, maintain, house or harbor any pet or otherwise have custody of any pet, whether or not the owner of such pet.

PERSON — Any individual, corporation, company, partnership, firm, association, or political subdivision of this state subject to municipal jurisdiction.

PET — A domesticated animal, other than a disability assistance animal, kept for amusement or companionship.

PET SOLID WASTE — Waste matter expelled from the bowels of the pet; excrement.

PROPER DISPOSAL — Placement in a designated waste receptacle or other suitable container, or discarded in a refuse container which is regularly emptied by the municipality or some other refuse collector; or disposal into a system designed to convey domestic sewage for proper treatment and disposal.

§ 95-24. Requirement for disposal.

All pet owners and keepers are required to immediately and properly dispose of their pet's solid waste deposited on any property, public or private, not owned or possessed by that person.

§ 95-25. Exemptions.

Any owner or keeper who requires the use of a disability assistance animal shall be exempted from the provisions of this article while such animal is being used for that purpose.

§ 95-26. Enforcement.

This article shall be enforced by the Police Department and/or Code Enforcement Officer of the Township of Ocean.

§ 95-27. Violations and penalties.

Any person(s) who is found to be in violation of the provisions of this article shall be subject to a fine not to exceed \$1,250.

ARTICLE VI
Wildlife Feeding
[Adopted by Ord. No. 2005-7]

§ 95-28. Purpose.

The purpose of this article is to prohibit the feeding of unconfined wildlife in any public park or on any other property owned or operated by the Township of Ocean, so as to protect public health, safety and welfare and to prescribe penalties for the failure to comply.

§ 95-29. Definitions.

For the purpose of this article, the following terms, phrases, words and their derivations shall have the meanings stated in this section, unless their use in the text of this article clearly demonstrates a different meaning. When not inconsistent with the context, words used in the present tense include the future, words used in the plural number include the singular number and words used in the singular number include the plural number. The word "shall" is always mandatory and not merely directory.

FEED — To give, place, expose, deposit, distribute or scatter any edible material with the intention of feeding, attracting or enticing wildlife. Feeding does not include baiting in the legal taking of fish and/or game.

PERSON — Any individual, corporation, company, partnership, firm, association, or political subdivision of this state subject to municipal jurisdiction.

WILDLIFE — All animals that are neither human nor domesticated.

§ 95-30. Prohibited conduct.

No person shall feed, in any park or any other property owned or operated by the Township of Ocean, any wildlife, excluding confined wildlife (for example, wildlife confined in zoos, parks or rehabilitation centers, or unconfined wildlife at environmental education centers).

§ 95-31. Enforcement.

- A. This article shall be enforced by the Police Department and/or Code Enforcement Officer of the Township of Ocean.
- B. Any person found to be in violation of this article shall be ordered to cease the feeding immediately.

§ 95-32. Violations and penalties.

Any person(s) who is found to be in violation of the provisions of this article shall be subject to a fine not to exceed \$1,250.

ARTICLE II
Litter Control
[Adopted by Ord. No. 2005-5]

§ 227-8. Purpose.

The purpose of this article is to establish requirements to control littering in the Township of Ocean, so as to protect public health, safety and welfare and to prescribe penalties for the failure to comply.

§ 227-9. Definitions.

For the purpose of this article, the following terms, phrases, words and their derivations shall have the meanings stated in this section, unless their use in the text of this article clearly demonstrates a different meaning. When not inconsistent with the context, words used in the present tense include the future, words used in the plural number include the singular number and words used in the singular number include the plural number. The word "shall" is always mandatory and not merely directory.

LITTER — Any used or unconsumed substance or waste material which has been discarded, whether made of aluminum, glass, plastic rubber, paper or other natural or synthetic material, or any combination thereof, including, but not limited to, any bottle, jar or can, or any top, cap or detachable tab or any bottle, jar or can, any unlighted cigarette, cigar, match or any flaming or glowing material or any garbage, trash, refuse, debris, rubbish, grass clippings or other lawn or garden waste, newspapers, magazines, glass, metal, plastic or paper containers or other packaging or construction material, but does not include the waste of the primary processes of mining or other extraction processes, logging, sawmilling, farming or manufacturing.

LITTER RECEPTACLE — A container suitable for the depositing of litter.

PERSON — Any individual, corporation, company, partnership, firm, association, or political subdivision of this state subject to municipal jurisdiction.

§ 227-10. Prohibited acts and regulated activities.

- A. It is unlawful for any person to throw, drop, discard or otherwise place any litter or any nature upon public or private property other than in a litter receptacle, or having done so, to allow such litter to remain.
- B. Whenever any litter is thrown or discarded or allowed to fall from a vehicle or boat in violation of this article, the operator or owner, or both, or the motor vehicle or boat shall also be deemed to have violated this article.

§ 227-11. Enforcement.

This article shall be enforced by the Police Department and/or Code Enforcement Officer of the Township of Ocean.

§ 227-12. Violations and penalties.

Any person(s) who is found to be in violation of the provisions of this article shall be subject to a fine not to exceed \$1,250.

ARTICLE I
Improper Disposal of Waste
[Adopted by Ord. No. 2005-6]

§ 330-1. Purpose.

The purpose of this article is to prohibit the spilling, dumping, or disposal of materials other than stormwater to the municipal separate stormwater system (MS4) operated by the Township of Ocean, so as to protect public health, safety and welfare and to prescribe penalties for the failure to comply.

§ 330-2. Definitions.

For the purpose of this article, the following terms, phrases, words and their derivations shall have the meanings stated in this section, unless their use in the text of this article clearly demonstrates a different meaning. When not inconsistent with the context, words used in the present tense include the future, words used in the plural number include the singular number and words used in the singular number include the plural number. The word "shall" is always mandatory and not merely directory.

MUNICIPAL SEPARATE STORMWATER SYSTEM (MS4) — A conveyance or system of conveyances, including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains, that is owned or operated by the Borough of South Toms River or other public body and is designed and used for collecting and conveying stormwater.

PERSON — Any individual, corporation, company, partnership, firm, association, or political subdivision of this state subject to municipal jurisdiction.

STORMWATER — Water resulting from precipitation, including rain and snow that runs off the land's surface is transmitted to the subsurface, is captured by separate storm sewers or other sewerage or drainage facilities, or is conveyed by snow-removal equipment.

§ 330-3. Prohibited conduct.

The spilling, dumping, or disposal of materials other than stormwater to the municipal separate stormwater system operated by the Township of Ocean is prohibited. The spilling, dumping or disposal of materials other than stormwater in such a manner as to cause the discharge of pollutants to the municipal separate stormwater system is also prohibited.

§ 330-4. Exceptions to prohibition.

- A. Water line flushing and discharges from potable water sources.
- B. Uncontaminated groundwater, e.g. infiltration, crawl space or basement sump pumps, foundation or footing drains, rising groundwaters.
- C. Air-conditioning condensate, excluding contact and noncontact cooling water.
- D. Irrigation water, including landscape and lawn watering runoff.

- E. Flows from springs, riparian habitats and wetlands, water reservoir discharges and diverted stream flows.
- F. Residential car-washing water and residential swimming pool discharges.
- G. Sidewalk, driveway and street wash water.
- H. Flows from fire-fighting activities.
- I. Flows from rinsing the following equipment with clean water:
 - (1) Beach maintenance and equipment immediately following their use for their intended purposes; and
 - (2) Equipment used in the application of salt and deicing materials immediately following salt and deicing material applications. Prior to rinsing with clean water, all residential salt and deicing materials must be removed from equipment and vehicles to the maximum extent practicable using dry-cleaning methods, e.g., shoveling and sweeping. Recovered materials are to be returned to storage for reuse or properly discarded.
 - (3) Rinsing of equipment as noted in this situation is limited to exterior undercarriage and exposed parts and does not apply to engines or other enclosed machinery.

§ 330-5. Enforcement.

This article shall be enforced by the Police Department and/or Code Enforcement Officer of the Township of Ocean.

§ 330-6. Violations and penalties.

Any person(s) who is found to be in violation of the provisions of this article shall be subject to a fine not to exceed \$1,250.

ARTICLE III
Containerized Yard Waste
[Adopted by Ord. No. 2005-8]

§ 318-19. Purpose.

The purpose of this article is to establish requirements for the proper handling of yard waste in the Township of Ocean, so as to protect public health, safety and welfare and to prescribe penalties for the failure to comply.

§ 318-20. Definitions.

For the purpose of this article, the following terms, phrases, words and their derivations shall have the meanings stated in this section, unless their use in the text of this article clearly demonstrates a different meaning. When not inconsistent with the context, words used in the present tense include the future, words used in the plural number include the singular number and words used in the singular number include the plural number. The word "shall" is always mandatory and not merely directory.

CONTAINERIZED — The placement of yard waste in a trash can, bucket, bag or other vessel, such as to prevent the yard waste from spilling or blowing out into the street and coming into contact with stormwater.

PERSON — Any individual, corporation, company, partnership, firm, association, or political subdivision of this state subject to municipal jurisdiction.

STREET — Any street, avenue, boulevard, road, parkway, viaduct, drive or other way, which is an existing state, county or municipal roadway, and includes the land between the street lines, whether improved or unimproved, and may comprise pavement, shoulders, gutters, curbs, sidewalks, parking areas and other areas within the street line.

YARD WASTE — Leaves and grass clippings.

§ 318-21. Prohibited conduct.

The owner or occupant of any property, or any employee or contractor of such owner or occupant engaged to provide lawn care or landscaping services, shall not sweep, rake, blow or otherwise place yard waste, unless the yard waste is containerized in the street. If yard waste that is not containerized is placed in the street, the party responsible for placement of yard waste must remove the yard waste from the street or such party shall be deemed in violation of this article.

§ 318-22. Enforcement.

This article shall be enforced by the Police Department and/or Code Enforcement Officer of the Township of Ocean.

§ 318-23. Violations and penalties.

Any person(s) who is found to be in violation of the provisions of this article shall be subject to a fine not to exceed \$1,250.

ARTICLE III
Retrofitting of Storm Drain Inlets
[Adopted 10-14-2010 by Ord. No. 2010-10]

§ 330-12. Purpose.

This is an article requiring the retrofitting of existing storm drain inlets which are in direct contact with repaving, repairing, reconstruction, or resurfacing or alterations of facilities on private property, to prevent the discharge of solids and floatables (such as plastic bottles, cans, food wrappers, and other litter) to the municipal separate storm sewer system(s) operated by the Township of Ocean so as to protect public health, safety, and welfare, and to prescribe penalties for the failure to comply.

§ 330-13. Definitions.

For the purpose of this article, the following terms, phrases, words, and their derivations shall have the meanings stated herein unless their use in the text of this article clearly demonstrates a different meaning. When not inconsistent with the context, words used in the present tense include the future; words used in the plural number include the singular number; and words used in the singular number include the plural number. The word "shall" is always mandatory and not merely directory.

MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) — A conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains) that is owned or operated by the Township of Ocean and is designed and used for collecting and conveying stormwater.

PERSON — Any individual, corporation, company, partnership, firm, association, or political subdivision of this state subject to municipal jurisdiction.

STORM DRAIN INLET — An opening in a storm drain used to collect stormwater runoff and includes, but is not limited to, a grate inlet, curb-opening inlet, slotted inlet, and combination inlet.

WATERS OF THE STATE — The ocean and its estuaries, all springs, streams, and bodies of surface or groundwater, whether natural or artificial, within the boundaries of the State of New Jersey or subject to its jurisdiction.

§ 330-14. Prohibited conduct.

No person in control of private property (except a residential lot with one single-family house) shall authorize the repaving, repairing (excluding the repair of individual potholes), resurfacing (including topcoating or chip sealing with asphalt emulsion or a thin base of hot bitumen), reconstructing or altering any surface that is in direct contact with an existing storm drain inlet on that property unless the storm drain inlet either:

- A. Already meets the design standard in § 330-15 below to control passage of solid and floatable materials; or
- B. Is retrofitted or replaced to meet the standard in § 330-15 below prior to the completion of the project.

§ 330-15. Design standard.

Storm drain inlets identified in § 330-14 above shall comply with the following standard to control passage of solid and floatable materials through storm drain inlets. For exemptions to this standard, see Subsection C below.

A. Grates.

- (1) Either of the following grates shall be used whenever a grate located in pavement or other ground surface is used to collect stormwater from that surface and discharge into a storm drain or surface water body under that grate:
 - (a) The New Jersey Department of Transportation (NJDOT) bicycle-safe grate, which is described in Chapter 2.4 of the NJDOT Bicycle Compatible Roadways and Bikeways Planning and Design Guidelines (April 1996); or
 - (b) A different grate, if each individual clear space in that grate has an area of no more than seven square inches, or is no greater than 0.5 inch across the smallest dimension.
- (2) Examples of grates subject to this standard include grates in grate inlets, the grate portion (non-curb-opening portion) of combination inlets, grates on storm sewer manholes, ditch grates, trench grates, and grates of spacer bars in slotted drains. Examples of ground surfaces include surfaces of roads (including bridges), driveways, parking areas, bikeways, plazas, sidewalks, lawns, fields, open channels, and stormwater basin floors.

B. Curb-opening inlets shall have a curb-opening area of no more than seven square inches, or be no greater than two inches across the smallest dimension.**C. This standard does not apply:**

- (1) In new development or redevelopment projects where the Municipal Engineer determines that this standard would cause inadequate hydraulic performance that could not practicably be overcome by using additional or larger storm drain inlets that meet these standards;
- (2) In the retrofitting of existing storm drain inlets where the Municipal Engineer determines that this standard would cause inadequate hydraulic performance.
- (3) Where flows from the water quality storm as specified in N.J.A.C. 7:8 are conveyed through any device (e.g., end-of-pipe netting facility, manufactured treatment device, or a catch basin hood) that is designed, at a minimum, to prevent delivery of all solid and floatable materials that could not pass through one of the following:
 - (a) A rectangular space $4 \frac{5}{8}$ inches long and $1 \frac{1}{2}$ inches wide (this option does not apply for outfall netting facilities); or
 - (b) A bar screen having a bar spacing of 0.5 inch.
- (4) Where flows are conveyed through a trash rack that has parallel bars with one-inch

spacing between the bars to the elevation of the water quality storm as specified in N.J.A.C. 7:8; or

- (5) Where the New Jersey Department of Environmental Protection determines, pursuant to the New Jersey Register of Historic Places Rules at NJAC 7:4-7.2(c), that action to meet this standard is an undertaking that constitutes an encroachment or will damage or destroy the New Jersey Register-listed historic property.

§ 330-16. Enforcement.

This article shall be enforced by the Police Department and/or Code Enforcement of the Township of Ocean.

§ 330-17. Violations and penalties.

Any person(s) who is found to be in violation of the provisions of this article shall be subject to a fine not to exceed \$1,250 for each storm drain inlet that is not retrofitted to meet the design standard.

ARTICLE II
Illicit Connections
[Adopted by Ord. No. 2005-10]

§ 330-7. Purpose.

The purpose of this article is to prohibit illicit connections to the municipal separate storm sewer system(s) operated by the Township of Ocean, so as to protect public health, safety and welfare and to prescribe penalties for the failure to comply.

§ 330-8. Definitions.

For the purpose of this article, the following terms, phrases, words and their derivations shall have the meanings stated in this section, unless their use in the text of this article clearly demonstrates a different meaning. When not inconsistent with the context, words used in the present tense include the future, words used in the plural number include the singular number and words used in the singular number include the plural number. The word "shall" is always mandatory and not merely directory. The definitions in this article are the same as or based on corresponding definitions in the New Jersey Pollutant Discharge Elimination System (NJDES) rules at N.J.A.C. 7:14A-1.2.

DOMESTIC SEWAGE — Waste and wastewater from humans or household operations.

ILLICIT CONNECTION — Any physical or nonphysical connection that discharges domestic sewage, noncontact cooling water, process wastewater, or other industrial waste, other than stormwater, to the municipal separate storm sewer system operated by the Borough of South Toms River, unless that discharge is authorized under a NJPDES permit other than the Tier A Municipal Stormwater General Permit (NJPDES Permit Number NJ0141852). Nonphysical connections may include, but are not limited to, leaks, flows, or overflows into the municipal separate storm sewer system.

INDUSTRIAL WASTE — Nondomestic waste, including, but not limited to, those pollutants regulated under Sections 307(a), (b), or (c) of the Federal Clean Water Act [33 U.S.C. § 1317(a), (b) or (c)].

MUNICIPAL SEPARATE STORMWATER SYSTEM (MS4) — A conveyance or system of conveyances, including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains, that is owned or operated by the Borough of South Toms River or other public body and is designed and used for collecting and conveying stormwater.

NJPDES PERMIT — A permit issued by the New Jersey Department of Environmental Protection to implement the New Jersey Pollutant Discharge Elimination System (NJPDES) rules at N.J.A.C. 7:14A.

NONCONTACT COOLING WATER — Water used to reduce temperature for the purpose of cooling. Such waters do not come into direct contact with any raw material, intermediate product, other than heat or finished product. Noncontact water may, however, contain algaecides, or biocides to control fouling of equipment such as heat exchangers, and/or corrosion inhibitors.

PERSON — Any individual, corporation, company, partnership, firm, association, or political subdivision of this state subject to municipal jurisdiction.

PROCESS WASTEWATER — Any water which, during manufacturing or processing, comes into direct contact with or results from the production or use of any raw material, intermediate product, finished product, by-product or waste product. Process wastewater includes, but is not limited to, leachate and cooling water other than noncontact water.

STORMWATER — Water resulting from precipitation, including rain and snow that runs off the land's surface, is transmitted to the subsurface, is captured by separate storm sewers or other sewerage or drainage facilities, or is conveyed by snow-removal equipment.

§ 330-9. Prohibited conduct.

No person shall discharge or cause to be discharged through an illicit connection to the municipal separate storm sewer system operated by the Township of Ocean, any domestic sewage, noncontact cooling water, process wastewater, or other industrial waste, other than stormwater.

§ 330-10. Enforcement.

This article shall be enforced by the Police Department and/or Code Enforcement Officer and/or Health Department of the Township of Ocean.

§ 330-11. Violations and penalties.

Any person(s) who is found to be in violation of the provisions of this article shall be subject to a fine not to exceed \$1,250.

ARTICLE IV
Dumpsters and Refuse Containers
[Adopted 10-14-2010 by Ord. No. 2010-9]

§ 318-24. Purpose.

This is an article requiring dumpsters and other refuse containers that are outdoors or exposed to stormwater to be covered at all times and prohibiting the spilling, dumping, leaking, or otherwise discharging of liquids, semiliquids, or solids from the aforementioned dumpsters and refuse containers to the municipal separate storm sewer system(s) operated by the Township of Ocean and/or the waters of the state so as to protect public health, safety, and welfare; and to prescribe penalties for the failure to comply.

§ 318-25. Definitions.

For the purpose of this article, the following terms, phrases, words, and their derivations shall have the meanings stated herein unless their use in the text of this article clearly demonstrates a different meaning. When not inconsistent with the context, words used in the present tense include the future; words used in the plural number include the singular number; and words used in the singular number include the plural number. The word "shall" is always mandatory and not merely directory.

MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) — A conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains) that is owned or operated by the Township of Hainesport and is designed and used for collecting and conveying stormwater.

PERSON — Any individual, corporation, company, partnership, firm, association, or political subdivision of this state subject to municipal jurisdiction.

REFUSE CONTAINER — Any waste container that a person controls whether owned, leased, or operated, including dumpsters, trash cans, garbage pails, and plastic trash bags.

STORMWATER — Water resulting from precipitation (including rain and snow) that runs off the land's surface, is transmitted to the subsurface, or is captured by separate storm sewers or other sewerage or drainage facilities.

WATERS OF THE STATE — The ocean and its estuaries, all springs, streams, and bodies of surface or groundwater, whether natural or artificial, within the boundaries of the State of New Jersey or subject to its jurisdiction.

§ 318-26. Prohibited conduct.

- A. Any person who controls, whether owned, leased, or operated, a refuse container or dumpster must ensure that such container or dumpster is covered at all times and shall prevent refuse from spilling out or overflowing.
- B. Any person who owns, leases, or otherwise uses a refuse container or dumpster must ensure that such container or dumpster does not leak or otherwise discharge liquids, semiliquids, or solids to the municipal separate storm sewer system(s) operated by the Township of Ocean.

§ 318-27. Exceptions.

- A. Permitted temporary demolition containers.
- B. Litter receptacles (other than dumpsters or other bulk containers).
- C. Individual homeowner trash and recycling containers.
- D. Refuse containers at facilities authorized to discharge stormwater associated with industrial activity under a valid NJPDES permit.
- E. Containers that hold large bulky items (e.g., furniture, bound carpet, and padding).

§ 318-28. Enforcement.

This article shall be enforced by the Police Department and/or Code Enforcement of the Township of Ocean.

§ 318-29. Violations and penalties.

Any person(s) who is found to be in violation of the provisions of this article shall be subject to a fine not to exceed \$1,250.

ORDINANCE NO. 2024-4

**AN ORDINANCE OF THE TOWNSHIP OF OCEAN,
COUNTY OF OCEAN, STATE OF NEW JERSEY
ESTABLISHING CHAPTER 412 OF THE
TOWNSHIP CODE ENTITLED "PRIVATELY-
OWNED SALT STORAGE"**

NOW THEREFORE BE IT ORDAINED by the Mayor and Township Committee of the Township of Ocean, County of Ocean, and State of New Jersey that Chapter 412 of the Township Code entitled "Privately-Owned Salt Storage" is hereby established and shall read as follows:

SECTION 1.

Chapter 412 Privately Owned Salt Storage.

A. Purpose.

The purpose of this ordinance is to prevent storage of salt and other solid de-icing materials from being exposed to stormwater.

This ordinance establishes requirements for storage of salt and other solid de-icing materials on property that is not owned or operated by the Township of Ocean, including residences, to protect the environment, public health, safety, and welfare and to prescribe penalties for violation of the ordinance.

B. Definitions.

For the purpose of this chapter, the following terms, phrases, words and their derivations shall have the meanings stated herein unless their use in the text of this Chapter clearly demonstrates a different meaning. When consistent with the context, words used in the present tense include the future, words used in the plural number include the singular number, and words used in the singular number include the plural number. The word "shall" is always mandatory and not merely directory.

1. **De-icing Materials.** Any granular or solid material such as melting salt or any other granular solid that assists in the melting of snow.
2. **Impervious Surface.** A surface that has been covered with a layer of material so that it is highly resistant to infiltration by water.
3. **Storm Drain Inlet.** The point of entry into the storm sewer system.

4. **Permanent Structure.** A permanent building or permanent structure that is anchored to a permanent foundation with an impermeable floor, and that is completely roofed and walled (new structures require a door or other means of sealing the access way from wind driven rainfall).
 - a. A fabric frame structure is a permanent structure if it meets the following specifications:
 1. Concrete blocks, jersey barriers or other similar material shall be placed around the interior of the structure to protect the side walls during loading and unloading of de-icing materials;
 2. The design shall prevent stormwater run-on and run through, and the fabric cannot leak;
 3. The structure shall be erected on an impermeable slab;
 4. The structure cannot be open sided; and
 5. The structure shall have a roll up door or other means of sealing the access way from wind driven rainfall.
5. **Person.** Any individual, corporation, company, partnership, firm, association, or political subdivision of this State subject to municipal jurisdiction.
6. **Resident.** A person who resides on a residential property where de-icing material is stored.

C. **De-icing Material Storage Requirements.**

1. Temporary outdoor storage of de-icing materials in accordance with the requirements below is allowed between October 15th and April 15th:
 - a. Loose materials shall be placed on a flat, impervious surface in a manner that prevents stormwater run-through;
 - b. Loose materials shall be placed at least 50 feet from surface water bodies, storm drain inlets, ditches and/or other stormwater conveyance channels;
 - c. Loose materials shall be maintained in a cone-shaped storage pile. If loading or unloading activities alter the cone-shape during daily activities, tracked materials shall

be swept back into the storage pile, and the storage pile shall be reshaped into a cone after use;

d. Loose materials shall be covered as follows:

1. The cover shall be waterproof, impermeable, and flexible;
2. The cover shall extend to the base of the pile(s);
3. The cover shall be free from holes or tears;
4. The cover shall be secured and weighed down around the perimeter to prevent removal by wind; and
5. Weight shall be placed on the cover(s) in such a way that minimizes the potential of exposure as materials shift and runoff flows down to the base of the pile.
 - i. Sandbags lashed together with rope or cable and placed uniformly over the flexible cover, or poly-cord nets provide a suitable method. Items that can potentially hold water (e.g., old tires) shall not be used;
 - ii. Containers must be sealed when not in use; and
 - iii. The site shall be free of all de-icing materials between April 16th and October 14th.

e. De-icing materials should be stored in a permanent structure if a suitable storage structure is available. For storage of loose de-icing materials in a permanent structure, such storage may be permanent, and thus not restricted to October 15 - April 15.

f. Any temporary or permanent de-icing structure shall comply with all other Township ordinances for accessory structures including the zoning and building regulations.

g. The property owner, or owner of the de-icing materials if different, shall designate a person(s) responsible for operations at the site where these materials are stored outdoors, and who shall document that weekly inspections are conducted to ensure that the conditions of this

ordinance are met. Inspection records shall be kept on site and made available to the municipality upon request.

1. Residents who operate businesses from their homes that utilize de-icing materials are required to perform weekly inspections.

D. Exemptions.

Residents may store de-icing materials outside in a solid-walled, closed container that prevents precipitation from entering and exiting the container, and which prevents the de-icing materials from leaking or spilling out. Under these circumstances, weekly inspections are not necessary, but repair or replacement of damaged or inadequate containers shall occur within 2 weeks.

If containerized (in bags or buckets) de-icing materials are stored within a permanent structure, they are not subject to the storage and inspection requirements in Section III above. Piles of de-icing materials are not exempt, even if stored in a permanent structure.

This ordinance does not apply to facilities where the stormwater discharges from de-icing material storage activities are regulated under another New Jersey Pollution Discharge Elimination System (NJPDES) permit.

E. Enforcement.

This Chapter shall be enforced by the Ocean Township Police Department, the Zoning and Code Enforcement Department, and/or their designees.

F. Violations and Penalties.

Any person(s) who is found to be in violation of the provisions of this ordinance shall have 72 hours to complete corrective action. Repeated violations and/or failure to complete the corrective action shall result in fines for any person(s) who is found to be in violation of the provisions of this ordinance shall be subject to a fine not to exceed one hundred fifty dollars (\$150) for each offense. Each day a violation occurs it will be a separate and distinct violation.

SECTION 2. All ordinances or parts of ordinances inconsistent herewith are hereby repealed.

SECTION 3. If any section, subsection, sentence, clause, phrase or portion of this ordinance is for any reason held to be invalid or unconstitutional by a court of

competent jurisdiction, such portion shall be deemed a separate, distinct and independent provision, and such holding shall not affect the validity of the remaining portions hereof.

SECTION 4. This ordinance shall take effect after second reading and publication as required by law.

NOTICE

NOTICE IS HEREBY GIVEN that the foregoing ordinance was introduced and passed by the Township Committee on first reading at a meeting of the Township Committee of the Township of Ocean on the 19th day of March, 2024, and will be considered for second and final passage at a meeting of the Township Committee to be held on the 16th day of April, 2024, at 6:00 PM. at the Municipal Building located at 50 Railroad Avenue, Waretown, New Jersey, at which time and place any persons desiring to be heard upon the same will be given the opportunity to be so heard.


DIANE B. AMBROSIO, RMC, Clerk
Township of Ocean

DASTI & STAIGER

ATTORNEYS AT LAW

310 Lacey Road P.O. Box 779
Forked River, NJ 08731

Eff: 6/23/24

ORDINANCE NO. 2024-13

**AN ORDINANCE OF THE TOWNSHIP OF OCEAN,
COUNTY OF OCEAN, STATE OF NEW JERSEY
REPEALING AND REPLACING CHAPTER 373 OF
THE TOWNSHIP CODE ENTITLED "TREES"**

NOW, THEREFORE, BE IT ORDAINED by the Township Committee of the Township of Ocean, County of Ocean and State of New Jersey, that Chapter 373 of the Township Code entitled "Trees" is hereby repealed and replaced with the following:

Chapter 373 shall be entitled "Tree Removal/Replacement"

SECTION 1.

§ 373-1 Purpose:

An ordinance to establish requirements for tree removal and replacement in the Township of Ocean to reduce soil erosion and pollutant runoff, promote infiltration of rainwater into the soil, and protect the environment, public health, safety, and welfare.

§ 373-2 Definitions:

For the purpose of this ordinance, the following terms, phrases, words, and their derivations shall have the meanings stated herein unless their use in the text of this ordinance clearly demonstrates a different meaning. When consistent with the context, words used in the present tense include the future, words used in the plural number include the singular number, and words used in the singular number include the plural number. The use of the word "shall" means the requirement is always mandatory and not merely directory.

A. "Applicant" means any "person", as defined below, who applies for approval to remove trees regulated under this ordinance.

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B. "Building Lot" means a parcel of land upon which a dwelling house has been or may be erected in accordance with Chapter 410, Zoning, or may be erected with a variance.

C. Critical Root Radius (CRR)" – means the zone around the base of a tree where the majority of the root system is found. This zone is calculated by multiplying the diameter at breast height (DBH) of the tree by 1.5 feet. For example: a tree with a 6" DBH would have a $CRR = 6" \times 1.5' = 9'$.

D. "Dead wood" means the wood which has ceased to grow and has died of natural causes.

E. Diameter at Breast Height (DBH)" means the diameter of the trunk of a mature tree generally measured at a point four and a half feet above ground level from the uphill side of the tree. For species of trees where the main trunk divides below the 4 ½ foot height, the DBH shall be measured at the highest point before any division.

F. "Harvesting Wood" means the removal, cutting, collecting of any wood other than that defined as dead wood.

G. "Homestead" means the principal owner-occupied residence having a maximum of three acres upon which the property owner resides and is cutting and harvesting trees on the property solely for his/her own heating requirements.

H. Hazard Tree" means a tree or limbs thereof that meet one or more of the criteria below. Trees that do not meet any of the criteria below and are proposed to be removed solely for development purposes are not hazard trees. [Municipalities may choose to require a Licensed Tree Expert to make all Hazard tree determination]

1. Has an infectious disease or insect infestation;
2. Is dead or dying;

3. Obstructs the view of traffic signs or the free passage of pedestrians or vehicles, where pruning attempts have not been effective;
4. Is causing obvious damage to structures (such as building foundations, sidewalks, etc.); or
5. Is determined to be a threat to public health, safety, and/or welfare by a certified arborist or Licensed Tree Expert (LTE).

I. "Management Plan" means a plan for the management of timbered or forested lands developed by the New Jersey Department of Environmental Protection, or similar state or federal agency, Township Conservation Commission or Township officials.

J. "Permit" means a license issued by the Zoning Officer of the Township to remove or destroy trees or shrubs as defined in this chapter.

K. "Person" means any individual, resident, corporation, utility, company, partnership, firm, or association.

L. "Planting strip" means the part of a street right-of-way between the public right-of-way and the portion of the street reserved for vehicular traffic or between the abutting property line and the curb or traveled portion of the street, exclusive of any sidewalk.

M. "Public Right-of-Way" means any street or road shown upon a map or plan filed in the Ocean County Clerk's Office or on the Official Map of the Township.

N. "Resident" means an individual who resides on the residential property or contractor hired by the individual who resides on the residential property where a tree(s) regulated by this ordinance is removed or proposed to be removed.

O. "Shrub" means native laurel (*Kalmia latifolia*) having a root crown of three inches or greater measured at the soil or surface level.

P. "Street Tree" means a tree planted in the sidewalk, planting strip, and/or in the public right-of-way adjacent to (or specified distance from) the portion of the street reserved for vehicular traffic. This also includes trees planted in planting strips within the roadway right-of-way, i.e., islands, medians, pedestrian refuges.

Q. "Tree" means a woody perennial plant, typically having a single stem or trunk growing to a considerable height and bearing lateral branches at some distance from the ground.

R. "Tree Caliper" means the diameter of the trunk of a young tree, measured six (6) inches from the soil line. For young trees whose caliper exceeds four (4) inches, the measurement is taken twelve (12) inches above the soil line.

S. "Tree removal" means to kill or to cause irreparable damage that leads to the decline and/or death of a tree. This includes, but is not limited to, excessive pruning, application of substances that are toxic to the tree, over-mulching or improper mulching, and improper grading and/or soil compaction within the critical root radius around the base of the tree that leads to the decline and/or death of a tree. Removal does not include responsible pruning and maintenance of a tree, or the application of treatments intended to manage invasive species.

§ 373-3 Regulated Activities:

A. Application Process:

1. Any person planning to remove a street tree, as defined as Tree removal, with DBH of 2.5" or more or any non-street tree with DBH of 6" or more on their property shall submit a Tree Removal Application to Township of Ocean Zoning Officer or his/her designee. No tree shall be removed until municipal officials have reviewed and approved the removal.

- a. **Application for Permit with Building Permit.** Upon application for a building permit or any construction which would cause the removal or destruction in whole or part of any tree or shrub as defined in this chapter, the application shall be accompanied by a plot plan which shall indicate the location

of all trees and shrubs on the lot or lots for which such permit is sought. The plot plan shall designate which trees, if any, are to be removed or destroyed. Copies of such plot plan shall be filed by the applicant with the Construction Official, the Zoning Officer, Engineer and Environmental Commission, if such commission is in existence at the time of application. The Building Inspector, Township Engineer and Environmental Commission shall review same and notify the Zoning Officer of their recommendations. Such recommendations shall not be binding upon the Zoning Officer. The recommendations shall be forwarded to the Zoning Officer within 15 days of the receipt of the application by the Building Inspector, Township Engineer and the Environmental Commission, failing in which the Township Zoning Officer may grant or deny a permit without further delay. Upon such approval, the Building Inspector shall issue a building permit as required by law.

b. Application for Permit without Building Permit.

Applications for a permit for the removal or destruction of trees or shrubs as defined in this chapter, where a building permit is not immediately involved, shall be made directly to the Zoning Officer and shall contain the name of the applicant, location of the property and plot plan as aforesaid, and in addition thereto the purposes for which the application is being made. The following shall be considered legitimate purposes for the removal of a tree or shrub as defined:

- i. Harvesting timber, fire protection, industrial use, private parks, scenic improvement, hardship or danger to adjacent properties, removal of diseased or damaged trees, transplanting or removal in a growing condition to other locations, installation of utilities or drainage of surface water.

The foregoing to be carried out in accordance with an approved forest management plan, taking into consideration that certain trees will be left for scenic beauty.

A copy of the plot plan shall be filed with the Environmental Commission if the Commission is in existence at the time of the filing of the application, which shall act upon the application within 15 days of the date of receipt, and if the Commission has not acted upon the application within this period, the Zoning Officer may grant or deny a permit without further delay.

2. Standards.

- a. Prior to the issuance of a permit by the Zoning Officer, the lands covered by each application shall be viewed by the

Zoning Officer or his/her; representative who shall inspect the land as to the trees and shrubs which are the subject of the application, as well as drainage and other physical conditions existing on the property and adjacent property, and the Zoning Officer or his/her representative shall issue the permit upon a finding:

- i. That the destruction or removal to be permitted would not impair the growth and development of the remaining trees and shrubs on the property of the applicant or adjacent properties;
 - ii. Would not cause soil erosion;
 - iii. Would not impair existing drainage patterns;
 - iv. Would not lessen property values in the neighborhood;
 - v. Would not substantially impair the aesthetic values of the area.
 - b. The Zoning Officer shall have the authority to affix reasonable conditions to the granting of a permit in conformity with the purposes set forth in this chapter.
3. Protection of Trees. No soil material, permanent or temporary, shall be placed within three feet of any trees or shrubs. Where grading may be required, trees shall be walled in an extension tile to the outer crown of the tree.
4. Fees. Upon the filing of an application to the Zoning Officer, the applicant shall pay \$25 to the Township for an application fee, unless the property to be harvested qualifies as a homestead, in which case the application must be submitted but the application fee and all other fees herein will be waived. In addition, if the Zoning Officer shall issue a permit for the destruction and/or removal of trees pursuant to the terms of this chapter, an additional permit fee of \$25 shall be required. Thereafter, the following fee schedule shall be in effect:
 - a. Twenty-five dollars per acre of area harvested. For the purposes of computing such fee, fractions of one acre shall constitute one acre, if the total acreage exceeds one acre. If the total acreage is less than one acre, no additional fee, other than the \$25 application fee and \$25 permit fee, shall be required.
 - b. In the alternative of the permit fee and a fee to be imposed in accordance with the acreage to be harvested, the

applicant can submit a management plan prepared by the New Jersey Department of Environmental Protection, Division of Forestry, or a similar state or federal agency, or a management plan prepared by a person holding a Bachelor of Science Degree in Forestry from a recognized institution of higher education, in which event the permit fee of \$25 and the acreage fee, \$25 per acre, or for part of an acre, will be waived by the Zoning Officer.

- c. In addition, no permit fee or harvesting fee, other than the \$25 application fee, need be paid for harvesting dead wood if and upon the condition that written permission from the owner of the subject premises be given to the Zoning Officer and a copy of such written permission be in the possession of the wood harvester at all times that such person is harvesting the dead wood from the subject premises.
- d. Harvesting wood shall require both an application fee and a permit fee, as required in Subsection a or b of this section.

B. Tree Replacement Requirements

1. Any person who removes one or more street tree(s) with a DBH of 2.5" or more, unless exempt under Section IV, shall be subject to the requirements of the Tree Replacement Requirements Table below.
2. Any person who removes one or more tree(s), as defined as Tree removal, with a DBH of 6" or more per acre, unless otherwise detailed under Section IV, shall be subject to the requirements of the Tree Replacement Requirements Table.

The species type and diversity of replacement trees shall be in accordance with 410-135.

Replacement tree(s) shall:

1. Be replaced in kind with a tree that has an equal or greater DBH than tree removed or meet the Tree Replacement Criteria in the table below;
2. Be planted within twelve (12) months of the date of removal of the original tree(s) or at an alternative date specified by the municipality;
3. Be monitored by the applicant for a period of two (2) years to ensure their survival and shall be replaced as needed within twelve (12) months; and

4. Shall not be planted in temporary containers or pots, as these do not count towards tree replacement requirements.

Tree Replacement Requirements Table:

Category	Tree Removed (DBH)	Tree Replacement Criteria (See Appendix A)
1	DBH of 2.5" (for street trees) or 6" (for non-street trees) to 12.99"	Replant 1 tree with a minimum tree caliper of 2.5" for each tree removed
2	DBH of 13" to 22.99"	Replant 2 trees with minimum tree calipers of 2.5" for each tree removed
3	DBH of 23" to 32.99"	Replant 3 trees with minimum tree calipers of 2.5" for each tree removed
4	DBH of 33" or greater	Replant 4 trees with minimum tree calipers of 2.5" for each tree removed

C. Replacement Alternatives:

1. If the municipality determines that some or all required replacement trees cannot be planted on the property where the tree removal activity occurred, then the applicant shall do one of the following:
 - a. Plant replacement trees in a separate area(s) approved by the municipality.

§373-4 Exemptions:

All persons shall comply with the tree replacement standard outlined above, except in the cases detailed below. Proper justification shall be provided, in writing, to the municipality by all persons claiming an exemption including photos or a report from a NJ licensed tree expert as per NJ Statute 45:15C-11 or arborist:

- A. Residents who remove less than four (4) trees per acre that fall into category 1, 2, or 3 of the Tree Replacement Requirements Table within a five-year period. [The number of trees removed is a rolling count across a five-year period. For example, if 3 trees from category 1 are removed in July 2023, the 'count' resets to zero in July 2028. However,

if 1 tree from category 1 is removed in July 2023 and another in July of 2025 the first tree will come off the count in July 2028 and the second in July 2030.]

- B. Tree farms in active operation, nurseries, fruit orchards, garden centers, sanitary landfill operations licensed by the Township and State of New Jersey, surface mining operations, and engineers/surveyors engaged in professional activities;
- C. Properties used for the practice of silviculture under an approved forest stewardship or woodland management plan that is active and on file with the municipality;
- D. Any trees removed as part of a municipal or state decommissioning plan. This exemption only includes trees planted as part of the construction and predetermined to be removed in the decommissioning plan.
- E. Any trees removed pursuant to a New Jersey Department of Environmental Protection (NJDEP), or U.S. Environmental Protection Agency (EPA) approved environmental clean-up, or NJDEP approved habitat enhancement plan;
- F. Approved game management practices, as recommended by the State of New Jersey Department of Environmental Protection, Division of Fish, Game and Wildlife;
- G. Hazard trees may be removed with no fee or replacement requirement.

§373-5. Enforcement:

This ordinance shall be enforced by the Township Zoning Officer, Code Enforcement Officer, and Police Department during the course of ordinary enforcement duties.

§373-6. Violations and Penalties:

- A. Whenever a violation of the provisions of the chapter occurs, or is alleged to have occurred, any person may file a written complaint, including the Zoning Officer, with the Police Department. Such complaint stating fully in the causes and basis thereof shall be filed with the Police Department, with a copy to be filed with the Zoning Officer and served on the alleged violator by the Ocean Township Police Department. The Police Department shall properly record this complaint and ascertain whether a valid permit is in effect. In the case of a violation of this chapter, the Police Department shall immediately take action upon the complaint. Such action shall include, the investigation, the issuance of a summons and the prosecution thereof.

- B. Any person or persons who shall violate any of the provisions of this chapter shall upon conviction thereof be subject to a fine not less than \$100 and not more than \$1,000, or imprisonment in the county jail for a term not exceeding 90 days; or be required to perform community service for a period not exceeding 90 days.

§373-7. Severability:

Each section, subsection, sentence, clause, and phrase of this Ordinance is declared to be an independent section, subsection, sentence, clause, and phrase, and finding or holding of any such portion of this Ordinance to be unconstitutional, void, or ineffective for any cause or reason shall not affect any other portion of this Ordinance.

SECTION 2. This Ordinance shall be in full force and effect from and after its adoption and any publication as may be required by law.

SECTION 3. All ordinances or parts of ordinances inconsistent herewith are hereby repealed.

SECTION 4. If any section, subsection, sentence, clause, phrase or portion of this ordinance is for any reason held to be invalid or unconstitutional by a court of competent jurisdiction, such portion shall be deemed a separate, distinct and independent provision, and such holding shall not affect the validity of the remaining portions hereof.

SECTION 5. This ordinance shall take effect after second reading and publication as required by law.

NOTICE

NOTICE IS HEREBY GIVEN that the foregoing ordinance was introduced and passed by the Township Committee on first reading at a meeting of the Township Committee of the Township of Ocean on the 21st day of May, 2024, and will be considered for second and final passage at a meeting of the Township Committee to be held on the 18th day of June, 2024, at 6:00 PM. at the Municipal Building located at 50 Railroad Avenue, Waretown, New Jersey, at which time and place any persons desiring to be heard upon the same will be given the opportunity to be so heard.


DIANE B. AMBROSIO, RMC, Clerk
Township of Ocean



DASTI & STAIGER
ATTORNEYS AT LAW

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Appendix A

The approved trees in the Township of Ocean are those set forth in Section 410-135C and Section 340-28 of the Township Code.

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ORDINANCE NO. 2024-29

**AN ORDINANCE OF THE TOWNSHIP OF OCEAN,
COUNTY OF OCEAN, STATE OF NEW JERSEY
AMENDING AND SUPPLEMENTING CHAPTER 373
OF THE TOWNSHIP CODE ENTITLED "TREE
REMOVAL/REPLACEMENT"**

NOW, THEREFORE, BE IT ORDAINED by the Township Committee of the Township of Ocean, County of Ocean and State of New Jersey, that Chapter 373 of the Township Code entitled "Tree Removal/Replacement" and specifically Section 373-3 thereof entitled "Regulated Activities" is hereby amended and supplemented to read as follows:

SECTION 1.

§ 373-3 Regulated Activities:

- A. Unchanged.
- B. Unchanged.
- C. Replacement Alternatives:
 - (1) Unchanged.
 - (a) Unchanged.
 - (b) A fee in the amount of \$50.00 per tree removed. This said fee shall be deposited into a dedicated fund by the Township for tree planting and continued maintenance of the trees within the Township.

SECTION 2. This Ordinance shall be in full force and effect from and after its adoption and any publication as may be required by law.

SECTION 3. All ordinances or parts of ordinances inconsistent herewith are hereby repealed.

SECTION 4. If any section, subsection, sentence, clause, phrase or portion of this ordinance is for any reason held to be invalid or unconstitutional by a court of

competent jurisdiction, such portion shall be deemed a separate, distinct and independent provision, and such holding shall not affect the validity of the remaining portions hereof.

SECTION 5. This ordinance shall take effect after second reading and publication as required by law.

NOTICE

NOTICE IS HEREBY GIVEN that the foregoing ordinance was introduced and passed by the Township Committee on first reading at a meeting of the Township Committee of the Township of Ocean on the 12th day of November, 2024, and will be considered for second and final passage at a meeting of the Township Committee to be held on the 17th day of December, 2024, at 6:00 PM. at the Municipal Building located at 50 Railroad Avenue, Waretown, New Jersey, at which time and place any persons desiring to be heard upon the same will be given the opportunity to be so heard.


DIANE B. AMBROSIO, RMC, Clerk
Township of Ocean



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Form 6 – Street Sweeping

Part IV.F.2.a.i. and ii.

1. Provide a written description and/or attach a map outlining the sweeping schedule for the following:

- Segments of municipal roads with storm drain inlets that discharge to surface water (required at least 3 times each year)
- Segments of municipal roads that do not have storm drain inlets but do discharge to surface water (required at least 1 time each year)

Note: Only asphalt and concrete roads need to be swept. Roads that do not have storm drain inlets and do not discharge to surface water do not need to be swept.

The Township DPW personnel sweep all the Township owned roads 4 times a year. Sweeping is continuous throughout the year, with sweeping occurring at least 3 days weekly. DPW sweeps all roads within a 3-month time period, and begin again once completed. Sweeping occurs generally in a north to south direction through the Township's various neighborhoods, generally east of Route 9.

2. Indicate if sweeping work is outsourced and if so, describe the arrangement.

The sweeping work is not outsourced, it is completed by the Township DPW.

Form 7 – MS4 Infrastructure
Part IV.F.2-4. and Part IV.G.2-3.

1. Municipal Storm Drain Inlets

- a. Describe how you ensure that municipal inlets without permanent wording cast into the design have been properly labelled.
- b. Describe how you ensure that municipal and private storm drain inlets have been retrofitted.
- c. Describe how you ensure that newly installed storm drain inlets include corresponding catch basins or other BMPs to collect solids.
- d. Describe when and how you conduct inspections of storm drain inlets and the criteria used to determine when they need to be cleaned.

- a. *During the annual catch basin cleaning program, the Township will be checking these labels to ensure they are still in place and legible. Labels that are not legible will be replaced immediately. During roadway paving projects, the Township replaces the inlet grates (and curb pieces if applicable) for bicycle safe grates that have labelling cast into them.*
- b. *Prior to the repaving of Township streets, the Township's engineering professionals survey the roadways and storm drainage features. All storm drainage structures are either replaced or reconstructed to meet the retrofitting requirements. For most projects, the Township shall use the NJDOT bicycle safe grate with the words "DUMP NO WASTE, DRAINS TO WATERWAYS" printed on it. The Township shall also use Type 'N' Eco curb pieces where applicable.*

Any entities owning private sites and roadways are required to submit for a zoning permit from the Township prior to performing improvements. As part of the zoning permit process, the applicant is required to submit plans for the improvements, detailing existing storm drainage features and certifying compliance with the retrofitting ordinance. At the time out permit closeout, the Zoning Officer inspects the site to confirm compliance.

- c. *The Township designs all stormwater catch basins to have a sump at the bottom below the inverts of the pipes to collect solids prior to entering the pipe network. Said sumps are cleaned by the DPW.*

The Township's Zoning Officer will inspect a private site to review all areas that have been repaved, all catch basin and drainage inlets must have bicycle safe grates and eco-friendly curb pieces.

- d. *Inspections of all storms drain inlets owned by the Township occurs annually by Township DPW. All storm drain inlets found to contain debris are cleaned within the next week after inspection. Cleaning will be completed either manually or via vac truck, depending on the need. Any storm drain inlets with known debris collection issues will be inspected twice a year.*

2. Municipal Catch Basins

- a. Describe when and how you conduct inspections of catch basins.
- b. Describe the criteria used to determine when catch basins need to be cleaned.

- a. *Since the Township of Ocean has less than 1,000 catch basins which it owns and maintains, all catch basins in the Township shall be inspected and cleaned as necessary each year. During inspection, all catch basins shall be reviewed for functionality and any necessary repairs made to the catch basin walls, pipe seals, and castings. The Township shall maintain records including the number of municipally owned and operated catch basins, the number of basins inspected, the number of basins cleaned, and the amount of materials collected during cleaning, this information shall be reported in the annual report and recertification.*
- b. *Following inspections of catch basins and storm drain inlets, any deficiencies identified based on safety and functionality concerns. Should there be an issue impacting public health and safety, said issue will be addressed immediately. Less serious issues (i.e. cleaning, repairing steps, parging walls, etc.) will be handled afterwards as the schedule permits.*

3. Municipal Conveyance System

Describe when and how inspections of MS4 conveyance systems are conducted, and the criteria used to determine when they need to be cleaned. Include a description of the equipment and techniques used.

Annual inspections of all catch basins and outfall pipes owned by the Township are completed. While catch basins are being inspected and cleaned, stormwater piping is reviewing for any cleaning needs as well. When required, the piping will be jet vac'd to clean them and collect dirt and debris.

Quarterly inspections are performed of all stormwater management basins owned by the Township in accordance with the approved O&M Manual for each basin. Required maintenance is completed based on that inspection and may include grass cutting, cleaning of the basin bottom of silts, cleaning of rip rap aprons, etc.

4. Municipal Outfall Inspections – Stream Scouring

Describe the program in place to detect, investigate, and control localized stream scouring from stormwater outfalls. Include a description of the equipment and techniques used.

During the annual inspections by the Township of Ocean Public Works for illicit connections, the Township will at the same time review all banks adjacent to the outfalls for scouring. The maintenance program shall identify all areas where localized stream and bank scouring occurs as a result of stormwater discharges from the Township's MS4 outfalls. All sites 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. The Township

shall maintain records of all repairs including identifying the location of outfall scouring, the dates control measures are to begin, and the dates control measures were completed in the SPPP and with the Stormwater Coordinator.

5. Municipal Outfall Inspections – Illicit Discharge Detection and Elimination

Describe the program in place for conducting visual dry weather inspections of municipally owned or operated outfalls. Include a description of the equipment and techniques used. Record cases of illicit discharges using the DEP’s Illicit Connection Inspection Report Form from the Department’s main stormwater webpage.

The Township of Ocean Public Works shall inspect all outfalls annually for issues. The Township shall maintain records of all repairs including identifying the location of outfall scouring, the dates control measures are to begin, and the dates control measures were completed.

The Township of Ocean Road Department shall inspect all outfalls annually for illicit connections. Outfall pipes that are found to have dry weather flow or evidence of an intermittent non-stormwater flow will be investigated to locate the illicit connection. If the Township is able to locate the illicit connection (and the connection is within the Township of Ocean) the responsible party will be notified immediately, and a citation will be issued if the connection is not corrected or removed six (6) months from discovery. If, after the appropriate amount of investigation, the Township of Ocean is unable to locate the source of the illicit connection, the Closeout Investigation Form will be submitted with the Annual Inspection and Recertification. If an illicit connection is found to originate from another public entity, the Township of Ocean will report the illicit connection to the Department and will also notify the municipality from which the dry weather flow appears to originate. The Township will, at minimum, continue to inspect for illicit connections at least once per year. In addition, the Township will investigate possible illicit connections reported by residents.

6. Other Municipal Infrastructure

List the types of MS4 infrastructure in your town that require inspection but are not noted above in items 1-5. Describe when and how you conduct inspections of this infrastructure and the criteria used to determine when they need to be maintained and/or cleaned.

The Township will implement a stormwater facility maintenance program to ensure that all stormwater facilities operated by the Township function properly. The Township operates the following:

- *Infiltration Basins*
- *Detention Basins*

These stormwater facilities are inspected annually to ensure that they are functioning properly. In high risk areas, preventative maintenance will be performed on all stormwater facilities.

7. Stormwater Facilities Not Owned or Operated by the Municipality

Describe your program for ensuring adequate long-term cleaning, operation, and maintenance of stormwater facilities not owned or operated by the municipality. This should include your plan for ensuring annual inspections are being done on these private properties and describe how you record the locations and logs associated with private infrastructure.

Annual outreach to each property owner of a private stormwater facility and request for annual maintenance records. Any owner of private stormwater facilities who fails to respond will be issued a notice by the Township Code Enforcement Officer to produce maintenance records or be issued a violation. Anyone who fails to maintain their stormwater facilities will be issued a violation for failure to comply with their approved site plan.

8. Infrastructure Records

Indicate the location of records related to stormwater infrastructure inspection, cleaning, maintenance, and repair activities.

Inspection and Maintenance Logs shall be kept with the SPPP and with the Township Stormwater Coordinator.

Outfall Inspection Form

This form is provided to assist MS4 permittees with appropriate recordkeeping for their routine outfall inspections as required by the current MS4 NJPDES permit. Initial illicit connection inspections must be performed during dry weather, which is at least 72 hours after the previous precipitation or snowmelt event.

It is recommended to attach photo(s) of the inspection of the outfall to this form.

Upon discovery of stream scouring, you may use "Stream Scouring Investigation Record Keeping Form" for required documentation.

Upon discovery of any possible illicit connections, you MUST use "Illicit Connection Inspection Report Form."

SECTION 1: PERMITTEE INFORMATION

MS4 Permittee: _____ NJPDES #: NJG0 _____

SECTION 2: OUTFALL SUMMARY INFORMATION

If this outfall is newly identified, be sure to add it to your electronic outfall pipe map.

Outfall ID: _____ Outfall Location Description: _____

Municipality: _____ County: _____

Receiving Waterbody: _____

Describe the type of conveyance(s) that delivers the stormwater to the receiving waterbody (concrete or corrugated pipe, concrete channel, etc.): _____

If the ultimate discharge into the receiving water **is from an enclosed pipe**, is any part of the end of the pipe fully or partially submerged? ☐ NEVER ☐ SOMETIMES* ☐ ALWAYS*

*If 'Sometimes' or 'Always,' describe submerged conditions and condition at time of inspection:

If the ultimate discharge into the receiving water **is not from an enclosed pipe**, what is the approximate distance between the end of the last enclosed stormwater conveyance pipe to the receiving waterbody (ft): _____

Do any other NJPDES permittees discharge through this MS4 outfall? ☐ YES* ☐ NO ☐ UNKNOWN

*If 'YES', list Permittee Name(s) or NJPDES #(s): _____

If 'YES', please contact your MS4 Case Manager.

SECTION 3: INSPECTION CONDITIONS

Date of current inspection: ____/____/____ Date of previous inspection: ____/____/____

Latest precipitation/snowmelt event: ____/____/____ Amount of Precipitation (in.): _____

Outfall condition: ☐ PROPER CONDITION ☐ NEEDS MAINTENANCE ☐ NEEDS REPAIR

If applicable, describe the type of maintenance or repair needed: _____

Bank Stability around outfall: ☐ GOOD ☐ FAIR ☐ NEEDS STABILIZATION

If applicable, describe problem and the work needed to stabilize the outfall: _____

Is there a dry weather flow present at the outfall or other evidence that a previous illicit discharge may have occurred? *(If the outfall is partially or fully submerged, dry weather flow observations must be made at the next upstream point (e.g. manhole) above the influence of the receiving surface waterbody.)*

☐ PRESENT ☐ EVIDENCE ☐ NEITHER

If applicable: Manhole ID: _____ Approximate distance upstream from outfall (ft.): _____

If a dry weather flow is present at the outfall or there is other evidence that a previous illicit discharge may have occurred, the permittee must document the illicit discharge investigation on the

"Illicit Connection Inspection Report Form" at the link above.

SECTION 4: STREAM SCOURING

Is stream scouring present? ☐ YES* ☐ NO

*If 'YES', describe the scouring, including where the scouring is occurring relative to the outfall:

If you answered 'YES,' you must document sources of stormwater that contribute to the outfall. The Department has created the **"Stream Scouring Investigation Record Keeping Form" for your use at the link above.**

SECTION 5: INSPECTOR INFORMATION

Inspector's Name: _____

Title: _____ Affiliation: _____

Signature: _____ Date: _____

Stream Scouring Investigation Recordkeeping Form

This form is provided to assist MS4 permittees with appropriate recordkeeping throughout the investigation process of outfall stream scouring. This form is to be kept with the permittee's SPPP, as per the recordkeeping requirements of the MS4 NJPDES permit. It is recommended to attach photo(s) of the outfall and scouring to this form.

SECTION 1: PERMITTEE INFORMATION

MS4 Permittee: _____ NJPDES #: NJG0 _____

SECTION 2: OUTFALL SUMMARY INFORMATION

If this outfall is newly identified, be sure to add it to your electronic outfall pipe map.

Outfall ID: _____ Outfall Location Description: _____

Municipality: _____ County: _____

Receiving Waterbody: _____

Describe the type of conveyance(s) that delivers the stormwater to the receiving waterbody (concrete or corrugated pipe, concrete channel, etc.): _____

If the ultimate discharge into the receiving water **is from an enclosed pipe**, is the end of the pipe fully or partially submerged? ☐ NEVER ☐ SOMETIMES* ☐ ALWAYS*

*If 'Sometimes' or 'Always,' describe submerged conditions and condition at time of inspection:

If the ultimate discharge into the receiving water **is not from an enclosed pipe**, what is the approximate distance between the end of the last enclosed stormwater conveyance pipe to the receiving waterbody (ft.): _____

Do any other NJPDES permittees discharge through this MS4 outfall? ☐ YES* ☐ NO ☐ UNKNOWN

*If 'YES', list Permittee Name(s) or NJPDES #(s): _____

If 'YES', please contact your MS4 Case Manager.

SECTION 3: INSPECTION CONDITIONS

When was the stream scouring first identified? ____/____/____

Date of current inspection: ____/____/____ Date of previous inspection: ____/____/____

Latest precipitation/snowmelt event: ____/____/____ Amount of Precipitation (in.): _____

Provide a description of the stream scouring and outfall condition: _____

Describe investigation and findings, including suspected sources and action(s) being taken to reduce the volume or rate of flow from the sources contributing stormwater to the outfall, including dates of actions taken: _____

Was stream scouring identified during the previous inspection?

☐ YES* ☐ NO

*If 'YES', describe previous actions taken: _____

Since the date of last inspection, has the stream scouring worsened?

☐ YES* ☐ NO

*If 'YES', describe any potential causes, including new source(s) contributing stormwater to the MS4 discharging at this outfall since previous inspection (e.g. new housing developments, commercial plazas, etc.):

SECTION 4: SCHEDULING OF STREAM REMEDIATION

Description of the remediation project: _____

List milestones and dates of remediation (i.e. applied for permit, advertised for bid, awarded bid for project, completed project, etc.): _____

SECTION 5: PERMITS OBTAINED (Flood Hazard, Freshwater Wetlands, Soil Conservation District, etc.)

<u>Permit Type</u>	<u>Permit Authorization #</u>	<u>Application date</u>	<u>Authorization date</u>
_____	_____	____/____/____	____/____/____
_____	_____	____/____/____	____/____/____
_____	_____	____/____/____	____/____/____
_____	_____	____/____/____	____/____/____
_____	_____	____/____/____	____/____/____

SECTION 6: INSPECTOR INFORMATION

Inspector's Name: _____

Title: _____ Affiliation: _____

Signature: _____ Date: _____

Illicit Connection Inspection Report Form

For additional information regarding illicit discharge investigations, refer to Chapter 3.6 of the [Tier A Guidance Document](#).

If a dry weather flow or other evidence of an intermittent illicit discharge is observed, this form shall be used to document the illicit discharge investigation in accordance with the current MS4 NJPDES Permit. This completed form shall be uploaded with the permittee's Annual Report and Certification and be kept with the permittee's SPPP as per the recordkeeping requirements of the permit. Initial illicit connection inspections must be performed during dry weather, which is at least 72 hours after the end of the previous precipitation or snowmelt event.

It is required to attach photos of the investigation to this form.

Illicit discharges must be reported immediately to the NJDEP Hotline at 1-877-WARNDEP (1-877-927-6337).

SECTION 1: PERMITTEE INFORMATION

MS4 Permittee: _____ NJPDES #: NJG0_____

SECTION 2: OUTFALL SUMMARY INFORMATION

If this outfall is newly identified, be sure to add it to your electronic outfall pipe map.

Outfall ID: _____ Outfall Location Description: _____

Municipality: _____ County: _____

Receiving Waterbody: _____

Describe the type of conveyance(s) that delivers the stormwater to the receiving waterbody (concrete or corrugated pipe, concrete channel, etc.): _____

If the ultimate discharge into the receiving water **is from an enclosed pipe**, is the end of the pipe fully or partially submerged? ☐ NEVER ☐ SOMETIMES* ☐ ALWAYS*

*If 'Sometimes' or 'Always,' describe submerged condition at time of inspection:

If the ultimate discharge into the receiving water **is not from an enclosed pipe**, what is the approximate distance between the end of the last enclosed stormwater conveyance pipe to the receiving waterbody (ft.): _____

Do any other NJPDES permittees discharge through this MS4 outfall? ☐ YES* ☐ NO ☐ UNKNOWN

*If 'YES', list Permittee Name(s), NJPDES #(s), and Location of Connection:

If 'YES', please contact your MS4 Case Manager.

SECTION 3: OUTFALL INSPECTION

Date of current inspection: ____/____/____

Latest precipitation/snowmelt event: ____/____/____ Amount of Precipitation (in.): _____

Date dry weather flow or other evidence of an intermittent illicit discharge was first discovered: ____/____/____

List the date(s) of previous inspection(s) and describe the actions taken, if applicable: _____

SECTION 4: PHYSICAL OBSERVATIONS

If the outfall is either partially or fully submerged, dry weather flow observations must be made at the next upstream point (e.g. manhole) above the influence of the receiving surface waterbody.

If applicable: Manhole ID: _____ Approximate distance upstream from outfall (ft.): _____

The permittee shall use the table below to describe 1) the observed dry weather flow and/or 2) when there are indications of intermittent illicit discharges present.

(Potential illicit discharge sources are listed in parentheses.)

Odor	<input type="checkbox"/> None <input type="checkbox"/> Sewage (stale/septic sanitary wastewater) <input type="checkbox"/> Petroleum/Gas (petroleum refineries, vehicle maintenance facilities, petroleum product storage) <input type="checkbox"/> Rancid/Sour (food preparation facilities, e.g. restaurants, hotels, etc.) <input type="checkbox"/> Sulfide (industries discharging sulfide compounds or organics, e.g. meat packers, canneries, dairies, etc.) <input type="checkbox"/> Other: _____
Color	<input type="checkbox"/> Clear <input type="checkbox"/> Brown (meat packers, printing plants, metal works, concrete or stone operations, fertilizer facilities, and petroleum refining facilities) <input type="checkbox"/> Gray (dairies, sewage) <input type="checkbox"/> Yellow (chemical plants, textile and tanning plants) <input type="checkbox"/> Red (meat packers) <input type="checkbox"/> Other: _____
Turbidity	<input type="checkbox"/> Clear <input type="checkbox"/> Cloudy (sanitary wastewater, concrete or stone operations, fertilizer facilities, and automotive dealers) <input type="checkbox"/> Opaque (food processors, lumber mills, metal works, pigment plants)
Floatable Matter (Does not include litter)	<i>Floatables of industrial origin may include animal fats, spoiled foods, solvents, sawdust, foams, packing materials, or fuel. Floatables in sanitary wastewater include fecal matter, toilet paper, sanitary napkins, and condoms.</i> <input type="checkbox"/> None <input type="checkbox"/> Sewage (toilet paper, etc.) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Other: _____

Deposits and Stains within outfall	<i>Coatings, residues or fragments of material may be indicators of a potential intermittent non-stormwater discharge</i> <input type="checkbox"/> None <input type="checkbox"/> Grayish-Black (leather tanneries) <input type="checkbox"/> White crystalline powder (Nitrogenous fertilizers) <input type="checkbox"/> Excessive sediments (construction sites) <input type="checkbox"/> Oily residues (petroleum refineries, storage facilities, vehicle service areas) <input type="checkbox"/> Other: _____
Vegetation	<i>As compared to surrounding Riparian bank and/or stream vegetation</i> <input type="checkbox"/> Normal <input type="checkbox"/> Excessive growth and/or algal presence (Food processing plants) <input type="checkbox"/> Inhibited Growth (Industrial operation effluent, CAFOs)

**If the Physical Observations have been conducted and it was determined there was no odor, no discoloration of the water or no deposits and stains left on the outfall, turbidity was clear, no floatable matter, and the vegetation surrounding outfall appears normal, then the dry weather discharge is likely from a groundwater source, but the "Field Monitoring" section below must still be completed for verification.*

*Prior to conducting the analyses in Sections 5 & 6, the source may be traced back upstream in the storm sewer to a more definitive location by various methods, such as opening manholes, using a camera and/or performing dye tests or smoke tests.**

SECTION 5: FIELD MONITORING

Field calibrate instruments in accordance with manufacturer's instructions prior to testing.

Estimated Dry Weather Flow Rate	The Tier A guidance document recommends taking the estimate flow rate during the physical observations. _____ GPM
Detergents Examples include surfactants and methylene blue active substances (MBAS)	Potential discharge types include sewage, washwater, industrial or commercial liquid waste Measurement: _____ mg/L
Temperature of dry weather discharge	Temperatures >70°F may indicate cooling water discharges depending on the season Measurement: _____ °F

Proceed to Section 6 in accordance with the Guidance Document recommendations.

SECTION 6: DRY WEATHER FLOW ANALYSIS - WATER QUALITY

** Based on the potential discharge types determined in the 'Physical Observation' and 'Field Monitoring' sections, further testing must be conducted using the appropriate subset of parameters below. The following parameters are recommended by the EPA for specific types of discharges as noted in the table below. For more information, refer to Chapter 12 of the EPA's Illicit Discharge Detection and Elimination guidance document (https://www3.epa.gov/npdes/pubs/idde_manualwithappendices.pdf).*

Indicate the location of your measurements (e.g. outfall, manhole number, etc.): _____

Parameter	Potential Discharge Type (EPA Guidance)	Discharge Measurement
Ammonia	Sewage, wastewater	mg/L
Potassium	Sewage, industrial or commercial liquid waste	mg/L
Boron	>0.35 mg/L likely indicates sewage or wastewater	mg/L
Chlorine	Industrial or commercial liquid waste	mg/L
Conductivity	Sewage, wastewater, and industrial or commercial liquid waste	S/m
E. coli (FW & PL waters)**	>12,000 Count/100 mL is likely Sanitary Wastewater	Count/100 mL
Enterococci (SC & SE1 waters)**	>5,000 Count/100 mL is likely Sanitary Wastewater	Count/100 mL
Fecal Coliform (SE2 & SE3 waters)**	Sewage	Count/100 mL
Fluoride	Distinguishes potable water from natural or irrigation water	mg/L
pH of Dry Weather Discharge	Washwater	SU

**The abbreviations FW, PL, SC, SE 1, SE2, and SE3 refer to the surface water quality classification of the receiving surface waterbody where the outfall discharges, as defined in N.J.A.C. 7:9B. FW=Freshwater, PL=Pinelands, SC=Saline Coastal, SE=Saline Estuary. Map coverage of these classifications is available on NJ-GeoWeb (<https://njdep.maps.arcgis.com/apps/webappviewer/index.html?id=02251e521d97454aabadfd8cf168e44d>) using the layer under 'Water' of 'Surface Water Quality Classification.'

SECTION 7: ILLICIT DISCHARGE INVESTIGATION

The investigation is not complete until the source of the dry weather flow is found, and any illicit discharge is eliminated.

Based on the latest results from the investigation, including the results in Sections 4, 5 and 6, is/was this dry weather flow from an illicit connection? ☐ YES ☐ NO ☐ INVESTIGATION IS ONGOING

If the investigation has been completed, what was the source of the dry weather flow or illicit connection?

Describe the investigation, including the methods that were/will be used to identify the suspected source of the illegal discharge, or conclude there was no illicit discharge, along with the timeline of the steps of the investigation. Attach additional pages if necessary.

SECTION 8: ILLICIT DISCHARGE ELIMINATION

If it was an illicit discharge, has the source been eliminated?

☐ YES ☐ NO

Describe the plan of action that was/will be followed to eliminate the illicit connection. This plan should detail who is/was responsible for the discharge, what methods were/will be used to fix it, how long it took/will take, and how removal was/will be confirmed and rechecked: _____

SECTION 9: INSPECTOR INFORMATION

Inspector's Name: _____

Title: _____ Affiliation: _____

Signature: _____ Date: _____

Form 8 – Community-wide Measures

Part IV.F.2.

1. Herbicide Application Management Describe your program for preventing herbicides from being washed into the waters of the State and to prevent erosion caused by de-vegetation.
<i>The Township of Ocean shall not apply herbicides on or adjacent to storm drain inlets, on steeply sloping ground, along curb lines, and along unobstructed shoulders. The Township shall only apply herbicides within a 2 foot radius around structures where over overgrowth presents a safety hazard and where it is unsafe to mow.</i>
2. Excess Deicing Material Management Describe your program for ensuring that excess salt piles are removed in a timely manner after storm events.
<i>The Township DPW will inspect all deiced roadways and remove excess salt piles within 72 hours after a storm event.</i> <i>The equipment used in the application of salt and deicing materials immediately following salt and deicing material applications need to be clean. Prior to rinsing with clean water, all residential salt and deicing materials must be removed from equipment and vehicles to the maximum extent practicable using dry-cleaning methods, e.g., shoveling and sweeping. Recovered materials are to be returned to storage for reuse or properly discarded.</i>
3. Roadside Vegetative Waste Describe your program for ensuring proper pickup, handling, storage, and disposal of wood waste and yard trimmings generated by the permittee along municipal roads or on municipal properties (trimming trees, mowing, etc.).
<i>The Township cuts and cleans up roadside areas, generally vacant/wooded lots, on an as needed basis monthly throughout the growing season. Grass clippings are mulched, added to the road waste drying pad, and disposed of at the landfill. Tree trimmings shall be chipped and recycled into mulch for Township parks.</i>
4. Roadside Erosion Control Describe your program to detect and repair erosion along municipal roadways.
<i>The Township DPW will inspect all roadways annually to review if any roadside erosion issues exist. Generally, roadside areas are maintained by the property owner abutting the street, so more focus will be made on vacant/wooded lots. Depending on the extent of erosion issues, the areas identified will either be filled in, graded, topsoiled and seeded, or filled in, graded, and stabilized with clean stone.</i>

Form 9 – Municipal Maintenance Yards & Other Ancillary Operations

Part IV.F.5.

Please complete a separate Form 9 for each yard or site. Indicate the number of yards/sites the municipality owns or operates: 1

1. Site Name and Address	
<i>Ocean Township Department of Public Works 200 Wells Mills Road Waretown, NJ 08758</i>	
2. Monthly Site Inspections Describe the nature of inspections conducted at this site and the location of inspection logs.	
<i>DPW employees conduct monthly inspections and identify if any compliance issues currently exist. If there is a compliance issue, a correction will be made. The date of inspection and correction will be noted in the inspection logs.</i>	
3. Inventory List List all materials and machinery that are potentially exposed to stormwater.	
Materials	Machinery/Equipment
<i>Raw Materials – ¾" Clean Stone, Rip Rap, River Stone, Salt</i>	<i>Emergency Vehicles</i>
<i>Intermediate products – Brick Pavers, Conc. Block for Inlets/Structural Walls, Lumber, Pipe</i>	<i>Utility Trailers</i>
<i>Final products – Water Tanks</i>	<i>Snowplows</i>
<i>Waste materials – Scrap Metal, Road Waste/Catch Basin Cleanings</i>	
4. Discharge of Stormwater from Secondary Containment Describe the process in place for discharging stormwater from secondary containment areas where outdoor containers are stored.	
<i>There are no secondary containment areas within the public works yard.</i>	
5. Fueling Operations Does fueling occur on site? If so, describe the BMPs in place to minimize contamination of stormwater from fueling activities. If not, explain where fueling takes place.	
<i>All fueling areas within the Township of Ocean will be inspected monthly. Standard operating procedures shall include:</i>	

<p>a. <i>Placement of drip pans under all hose and pipe connections and other leak-prone areas during bulk transfer of fuels.</i></p> <p>b. <i>Blocking storm sewer inlets, or contain tank trucks used for bulk transfer, with temporary berms or temporary absorbent booms during the transfer process. When temporary berms or booms are being used instead of blocking the storm sewer inlets, all hose connection points associated with the transfer of fuel shall be within the temporarily bermed or boomed area during the loading/unloading of bulk fuels. A trained employee shall be present to supervise the bulk transfer of fuel.</i></p> <p>c. <i>Clearly post, in a prominent area of the facility, instructions for safe operation of fueling equipment. Include all the following:</i></p> <ul style="list-style-type: none"> • <i>"Topping off of vehicles, mobile fuel tanks, and storage tanks is strictly prohibited"</i> • <i>"Stay in view of fueling nozzle during dispensing"</i> • <i>Contact information for the person(s) responsible for spill response.</i> <p>d. <i>Immediately repair or replace any equipment, tanks, pumps, piping, and fuel dispensing equipment found to be leaking or in disrepair.</i></p>
<p>6. Vehicle/Equipment Maintenance and Repair Do you perform maintenance and repair on site? Is this conducted indoors or outdoors? If outdoors, describe the BMPs in place to minimize contamination of stormwater from maintenance and repair activities.</p>
<p><i>Monthly inspections will be held to ensure compliance with the vehicle maintenance SOP. The Township shall complete the following:</i></p> <ol style="list-style-type: none"> 1. <i>Operate and maintain equipment to prevent the exposure of pollutants to stormwater.</i> 2. <i>Whenever possible, conduct vehicle and equipment maintenance activities indoors. For projects that must be conducted outdoors, and that last more than one day, portable tents or covers shall be placed over the equipment being serviced when not being worked on, and drip pans shall be used at all times. The Township will use designated areas away from storm drains and/or block storm drain inlets when vehicle and equipment maintenance is being conducted outdoors.</i>
<p>7. Wash Wastewater Containment Do you wash vehicles on site? If so, describe the BMPs in place to minimize contamination of stormwater from these activities. Note that on site containment structures require annual inspections by a NJ licensed professional engineer. If not, explain where vehicle washing takes place.</p>
<p><i>The Township of Ocean shall not perform any on-site equipment or vehicle washing. Vehicle washing shall be performed at Blue Wave Car Wash once per month and a record log kept for all vehicles.</i></p>

<p>8. Salt and Other Granular De-icing Materials Do you store salt and other granular deicing materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.</p>
<p><i>The Township's SOP includes:</i></p> <ol style="list-style-type: none"> <i>1. Storing material in a permanent structure.</i> <i>2. Performing regular inspections and maintenance of storage structure and surrounding area.</i> <i>3. Minimizing tracking of material from loading and unloading operations.</i> <i>4. Cleaning of storage areas on a monthly basis and cleaning of any spillage or tracking immediately following deliveries. Spilled materials shall be stored and utilized to minimize waste.</i>
<p>9. Aggregate Material, Wood Chips, and Finished Leaf Compost Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.</p>
<p><i>The Township's SOP includes:</i></p> <ol style="list-style-type: none"> <i>1. Storing materials such as sand, gravel, stone, topsoil, road millings, waste concrete, asphalt, brick, block and asphalt based roofing scrap and processed aggregate within bermed areas (which may include sandbags, hay bales and curbing, among others) or three sided storage bays. Where possible the open side of storage bays will be situated on the upslope. The area in front of storage bays and adjacent to storage areas shall be swept clean after loading/unloading.</i> <i>2. Road millings must be managed in conformance with the "Recycled Asphalt Pavement and Asphalt Millings (RAP) Reuse Guidance" (see www.nj.gov/dep/dshw/rrtp/asphaltguidance.pdf) or properly disposed of as solid waste pursuant to N.J.A.C. 7:26-1 et seq.</i>
<p>10. Cold Patch Asphalt Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.</p>
<p><i>Cold patch asphalt shall be stored below a covering and on a firm surface, with the area around it bermed to prevent leachate or runoff to storm drainage inlets.</i></p>
<p>11. Street Sweepings and Storm Sewer Cleanout Materials Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.</p>

Roadway cleanup materials shall be stored below a covered surface and on an impervious concrete surface, and the area around it bermed to prevent leachate or runoff to storm drainage inlets.

Roadway cleanup materials shall not be stored for longer than 6 months.

12. Construction and Demolition Waste, Wood Waste, and Yard Trimmings

Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.

Yard trimmings and wood waste management site specific practices to be employed by the Township of Ocean:

- 1. Any materials shall be stored a minimum of 50 feet from a surface water body, stormwater inlet, or other stormwater conveyance channel:*
- 2. Maintain perimeter controls such as curbs, berms, hay bales, silt fences, jersey barriers or setbacks, to eliminate the discharge of stormwater runoff carrying leachate or litter from the site to storm sewer inlets or to surface waters;*
- 3. Prevent on-site storm drain inlets from siltation using controls such as hay bales, silt fences, or filter fabric inlet protection.*
- 4. Sweep the area in front of storage bays after loading/unloading.*
- 5. Remove materials within 6 months of placement into storage.*

13. Scrap Tires

Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.

Scrap tires are stored on site indoors or covered to prevent contact with rainwater.

14. Inoperable Vehicles and Equipment

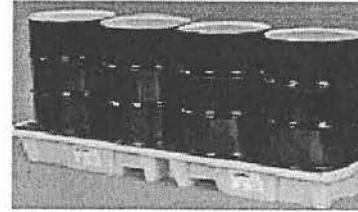
Do you store inoperable vehicles or equipment on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater. If not, explain where they are stored.

Inoperable vehicles are not stored onsite.

OCEAN TOWNSHIP

STANDARD OPERATING PROCEDURES

GOOD HOUSEKEEPING



INTRODUCTION

This SOP contains the basic practices of good housekeeping to be implemented at maintenance yards including maintenance activities at ancillary operations in Ocean Township.

SCOPE

This SOP applies to all maintenance yards including maintenance activities at ancillary operations in Ocean Township.

STANDARDS AND SPECIFICATIONS (GENERAL)

- All containers should be properly labeled and marked, and the labels must remain clean and visible.
- All containers must be kept in good condition and tightly closed when not in use.
- When practical, chemicals, fluids and supplies should be kept indoors.
- Store materials such as grease, cleaners, and paints, materials in appropriate, labeled containers.
- Store batteries indoors whenever possible. If outdoors, batteries should be placed on an elevated surface and covered.
- Keep tires indoors or covered to prevent contact with rainwater.
- 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 clean-up materials must be available in maintenance areas and shall be disposed of properly after use.
- Place trash, dirt and other debris in the dumpster.
- Collect waste fluids in properly labeled containers and dispose of them properly.
- Inspect dumpsters and other waste containers periodically. Repair or replace leaky dumpsters and containers.
- Ensure that garbage dumpsters have covers, that covers are properly utilized, and that covers are maintained in working order.
- Gasoline, engine fluids, freon and other contaminated liquids must be drained from scrapped items in a designated area and disposed of or recycled properly before the items are placed in the scrap storage area.
- The waste oil storage area will be inspected daily to ensure there are no drips or spills.

STANDARDS AND
SPECIFICATIONS
(SALT AND DE-
ICING MATERIAL
HANDLING)

- During loading and unloading of salt and de-icing materials, prevent and/or minimize spills. If salt or de-icing materials are spilled, remove the materials using dry cleaning methods. All collected materials shall be either reused or properly discarded.
- Sweeping should be conducted as necessary 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 de-icing 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 is being implemented, de-icing materials may be stored outdoors only between October 15th through April 30th.
- Uncovered clean sand storage will remain at a 50 foot setback from all stormwater conveyances.

SPILL RESPONSE
AND REPORTING

- Employees must be trained in spill cleanup procedures, and appropriate cleanup materials must be stocked near the fluid draining areas.
- Conduct clean up of any spill(s) immediately after discovery.
- Spills are to be cleaned using dry cleaning methods only.
- Contact the local response team at 609-693-4007 or 911.
- Contact the NJDEP Spill Hotline at 1-877-WARNDEP (1-877-927-6337).
- Contact the EJIF Hotline at 1800-289-6681

MAINTENANCE
AND INSPECTION

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

OCEAN TOWNSHIP

STANDARD OPERATING PROCEDURES

VEHICLE MAINTENANCE



INTRODUCTION

This SOP contains the basic practices of vehicle maintenance to be implemented at all maintenance yards including maintenance activities at ancillary operations in Ocean Township.

SCOPE

This SOP applies to all maintenance yards including maintenance activities at ancillary operations in Ocean Township.

STANDARDS AND SPECIFICATIONS

- Conduct vehicle maintenance operation 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 materials shall be available in maintenance areas and shall be disposed of properly after use.
- Use portable tents or construct a roofing-device 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 of batteries, used oils, antifreeze and other toxic fluids into a storm drain watercourse.
- Cover all tires.
- Collect waste fluids in properly labeled containers and dispose of properly.

SPILL RESPONSE AND REPORTING

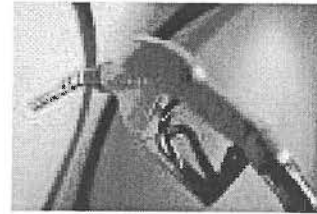
- Provide spill containment dikes or secondary containment around stored oils and other fluid storage drum(s).
- Conduct cleanups of any fuel spills immediately after discovery.
- Spills are to be cleaned using dry cleaning methods only. Spills shall be cleaned up with a dry, absorbent material (e.g. kitty litter, sawdust, etc.) and the rest of the area is to be swept.
- Collected waste is to be disposed of properly.
- Contact the local response team at 609-693-4007 or 911.
- Contact the NJDEP Spill Hotline at 1-877-WARNDEP (1-877-927-6337).
- Contact the EJIF Hotline at 1800-289-6681

MAINTENANCE AND INSPECTION

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

OCEAN TOWNSHIP

STANDARD OPERATING PROCEDURES VEHICLE AND EQUIPMENT FUELING



INTRODUCTION

Vehicle and equipment fueling procedures and practices are designed to minimize pollution of surface or ground waters. Understanding the procedures for delivering fuel into vehicles, mobile fuel tanks, and storage tanks as well as the removal of waste oil is critical for this purpose.

SCOPE

This SOP applies to all maintenance yards including maintenance activities at ancillary operations in Ocean Township. Ocean Township currently owns and operates the following storage tanks: Two – 1,000-Gallon Aboveground Tanks at Municipal Building – one (1) Gasoline; one (1) Diesel.

STANDARDS AND SPECIFICATIONS (FOR VEHICLE AND EQUIPMENT FUELING)

- Shut the engine off
- Ensure that the fuel is the proper type of fuel
- Absorbent spill clean-up materials and spill kits shall be available in the fueling areas and on mobile fueling vehicles and shall be disposed of properly after use.
- Nozzles used in vehicles 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 person(s) responsible for spill response.

STANDARDS AND 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 contain tank trucks used for bulk transfer, with temporary berms or temporary absorbent booms during the transfer process. If temporary berms are being used instead of blocking the storm sewer inlets, all hose connection points associated with the transfer of fuel must be within the temporary berms during the loading/unloading of bulk fuels.
- Protect fueling areas with berms and/or dikes to prevent run-on, runoff, and to contain spills.
- A trained municipal employee must always be present to supervise during bulk transfer.

SPILL RESPONSE
AND REPORTING

- Conduct cleanups of any fuel spills immediately after discovery
- Uncontained spills are to be cleaned using dry, absorbent material (e.g. kitty litter, sawdust, etc.) and absorbent materials shall be swept up.
- Collected waste is to be disposed of properly
- Contact the local response team at 609-693-4007.
- Contact the NJDEP Spill Hotline at 1-877-WARNDEP (1-877-927-6337).
- Contact the EJIF Hotline at 1800-289-6681

MAINTENANCE AND
INSPECTION

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

Ocean Township Garage: 2007 Monthly Fueling SOP Compliance Inspections

MONTH	Include dates of inspection, problems observed, and corrections
January	<ul style="list-style-type: none">• Date:• Problems?:• Corrections:
February	<ul style="list-style-type: none">• Date:• Problems?:• Corrections:
March	<ul style="list-style-type: none">• Date:• Problems?:• Corrections:
April	<ul style="list-style-type: none">• Date:• Problems?:• Corrections:
May	<ul style="list-style-type: none">• Date:• Problems?:• Corrections:
June	<ul style="list-style-type: none">• Date:• Problems?:• Corrections:
July	<ul style="list-style-type: none">• Date:• Problems?:• Corrections:
August	<ul style="list-style-type: none">• Date:• Problems?:• Corrections:
September	<ul style="list-style-type: none">• Date:• Problems?:• Corrections:
October	<ul style="list-style-type: none">• Date:• Problems?:• Corrections:
November	<ul style="list-style-type: none">• Date:• Problems?:• Corrections:
December	<ul style="list-style-type: none">• Date:• Problems?:• Corrections:

FUELING NOTICE

Topping off vehicles, mobile fuel tanks, and storage tanks is **STRICTLY** prohibited

Stay in view of fueling nozzle during dispensing

Fuel Facility Emergency Contact

(insert contact number)

Report environmental emergencies to the DEP Hotline:

1-877-WARNDEP (1-877-927-6337)

Report life-threatening emergencies by calling 9-1-1 or
local police

Form 10 – Training

Part IV.F.6-10.

Stormwater Program Coordinators
Describe the training provided for the municipal Stormwater Program Coordinator.
<p><i>Stormwater Program Coordinator (SPC) must ensure appropriate staff receive training on topics in the chart below as required due to job duties assigned within three months of commencement of duties and again on the frequency below. Indicate the location of associated training sign in sheets, dates, and agendas or description for each topic.</i></p>

Topic	Municipal Employees
Examples: in-person or virtual group sessions, e-Learning, field trainings, and videos	
Describe the training provided for municipal staff.	
SPPP	<p><i>Frequency: Every year</i></p> <p><i>Title of Trainer or office to conduct training: Stormwater Coordinator/Dept. of Public Works</i></p>
Construction Site Stormwater Runoff	<p><i>Frequency: Every 2 years</i></p> <p><i>Title of Trainer or office to conduct training: Stormwater Coordinator/Dept. of Public Works</i></p>
Post-Construction Stormwater Management in New and Redevelopment	<p><i>Frequency: Every 2 years</i></p> <p><i>Title of Trainer or office to conduct training: Stormwater Coordinator/Dept. of Public Works</i></p>
Community-wide Ordinances	<p><i>Frequency: Every year</i></p> <p><i>Title of Trainer or office to conduct training: Stormwater Coordinator/Dept. of Public Works</i></p>
Community-wide Measures	<p><i>Frequency: Every year</i></p> <p><i>Title of Trainer or office to conduct training: Stormwater Coordinator/Dept. of Public Works</i></p>
Stormwater Facilities Maintenance	<p><i>Frequency: Every year</i></p> <p><i>Title of Trainer or office to conduct training: Stormwater Coordinator/Dept. of Public Works</i></p>

Municipal Maintenance Yards and Other Ancillary Operations	<p><i>Frequency: Every year</i></p> <p><i>Title of Trainer or office to conduct training: Stormwater Coordinator/Dept. of Public Works</i></p>
MS4 Mapping	<p><i>Frequency: Every 2 years</i></p> <p><i>Title of Trainer or office to conduct training: Stormwater Coordinator/Dept. of Public Works</i></p>
Outfall Stream Scouring	<p><i>Frequency: Every year</i></p> <p><i>Title of Trainer or office to conduct training: Stormwater Coordinator/Dept. of Public Works</i></p>
Illicit Discharge Detection and Elimination	<p><i>Frequency: Every year</i></p> <p><i>Title of Trainer or office to conduct training: Stormwater Coordinator/Dept. of Public Works</i></p>

Stormwater Management Design Reviewers
Describe the training provided for individuals responsible for reviews and approvals of stormwater management designs.
<p><i>All design engineers, municipal engineers, and others who review the stormwater management design for development and redevelopment projects on behalf of the municipality must attend the first available class upon assignment as a reviewer and every five years thereafter. The course is a free, two-day training conducted by DEP staff. Training dates and locations are posted at www.nj.gov/dep/stormwater/training.htm.</i></p> <p><i>Indicate the location of the DEP certificate of completion for each reviewer.</i></p>

Municipal Board and Governing Body Members
Describe the training provided for members of the planning/zoning board and municipal council.
<p><i>Required for individuals who review and approve applications for development and redevelopment projects in the municipality. This includes members of the planning and zoning boards, town council, and anyone else who votes on such projects. Training is in the form of online videos, posted at www.nj.gov/dep/stormwater/training.htm.</i></p>

Within 6 months of commencing duties, watch Asking the Right Questions in Stormwater Review Training Tool. Once per term thereafter, watch at least one of the online DEP videos in the series available under Post-Construction Stormwater Management. Indicate the location of records documenting the names, video titles, and dates completed for each board and governing body member.

Training Records
Indicate the location of training records for the above required training.
<i>All training records are to be kept with the Township's Stormwater Coordinator.</i>

Stormwater Management Design Review Training Completion Listing

Reviewer Last Name	Reviewer Suffix	Reviewer First Name	Training Expiration Date	Attendant ID
White		William	2027-03-28	YB24M5C8
Whittaker		Breana	2023-07-30	KIYDUPMU
Whittaker		Mark	2023-07-30	6GVMTA6Q
Wiggins		John	2024-05-20	M9MQVOBH
Wilkinson		Theodore	2028-05-22	KJN38DX7
Williams		Brandon	2027-03-28	T5794K5Q
Williams		Richard	2026-04-26	ST89FVJ3
Williams		Stefanie	2026-10-04	BK22KQZJ
Wilson		Jeffrey	2025-08-24	EPRTN5GB
Winckowski		James	2023-07-30	UGW9Q9HD
Wines		Lauren	2025-08-24	XKM1KNWU
Wisniewski		Adam	2026-04-26	PETIPTRY
Witte		Charles	2028-05-22	YWC29DAI
Witthohn		Paul	2028-12-04	JTZ17NJ4
Wojciechowski		Eric	2026-04-26	7TXBG9VR
Wojtkowiak		Bernie	2026-04-26	98B1W1M5
Wolfe		Jeffrey	2024-05-20	OOFFY4DW
Worth		Jason	2028-05-22	BLQRXEBU
Wostbrock		Richard	2027-10-17	CY3GME1X
Wymbs		Victor	2028-05-22	XWZPUZBT
Yakimik		John	2023-10-22	Q2UWQ8SD
Yanga		Kenneth	2026-04-26	8JLNHYJ4
Yeatman		Christine	2023-05-01	CZR6YS39
Yip		Coral	2024-05-20	AVCOWONJ
Yodakis		Albert	2028-05-22	XXOO7DM6
Yost		Justin	2023-07-30	H3JV4VTP
Young		Michelle	2024-05-20	TR7V375D
Younger		Nicholas	2025-08-24	HQ88RW6P
Youssef		Abd Elazeem	2026-10-04	3P47D6RX
Yuhaz		Jeffrey	2028-05-22	31G5CGDL
Yuro		Robert	2028-05-22	VVBCIYL6
Zabat		Victorino	2025-08-24	ZO4SZ429
Zaky		Sara	2024-10-28	SQ6L374C
Zaman		Mohammad	2027-03-28	JJB1KZ8I
Zamor		Lucce	2023-05-01	H38LQJ52
Zapata		Fernando	2026-04-26	215UPUFX
Zheng		June	2026-10-04	4FHJDUFZ
Zielinski		Kenneth	2027-03-28	ZC35NFD9
Zimmerman		Jamison	2026-04-26	PMESLFPW
Zuccarino		Maria	2027-03-28	MZDQNF28
Zuest		Robert	2027-10-17	PZ56DTPA
Zuluaga		Johnatan	2025-08-24	S389FVSD
Zuzulock		Andrew	2024-05-20	OP45BRFY
Zwingraf		Matthew	2026-04-26	MJBPICLS

Form 11 – MS4 Mapping

Part IV.G.1.

1. Provide a link to the most current MS4 outfall/infrastructure map.	
<p><i>The Township is in the process of updated it's MS4 outfall/infrastructure mapping. Outfall mapping will be updated by 4/1/25 and the complete infrastructure map by 12/31/25.</i></p>	
2. Indicate the total of each type of MS4 infrastructure listed below (due 01 Jan 2026).	
a. MS4 outfalls	117
b. MS4 ground water discharge points (basins or overland flow infiltration areas)	3
c. MS4 interconnections	0
d. MS4 storm drain inlets	TBD
e. MS4 manholes	TBD
f. Length of conveyance (channels, pipes, ditches, etc.)	TBD
g. MS4 pump stations	0
h. MS4 stormwater facilities (any that are not listed above)	0
i. Maintenance yard(s) and other ancillary operations	1
3. Describe how the municipality's outfall/infrastructure map is reviewed and updated to reflect any new or newly identified MS4 infrastructure (e.g., an outfall is closed, a new basin is constructed, ownership of an outfall has changed, etc.).	
<p><i>After each capital improvement project or after the completion of any development project dedicated to the Township, the mapping will be updated to included any new or remove as needed, any eliminated infrastructure.</i></p>	
4. Describe how the municipality will create and update its MS4 Infrastructure Map.	
<p><i>The Township will create it's MS4 Infrastructure Map utilizing physical inspections and GPS locating, existing as-built/site development mapping, and aerial imagery.</i></p>	

Form 12 – Watershed Improvement Plan

Part IV.H.

1. Describe how your municipality is developing its Watershed Improvement Plan.
<i>The Township is developing its Watershed Improvement Plan - Phase 1 (Watershed Inventory report), with an intended completion date of January 1, 2026. The Township is developing its Watershed Improvement Plan - Phase 2 (Watershed Assessment Report), with an intended completion date of January 1, 2027. The Township is developing its Watershed Improvement Plan – Phase 3 (Watershed Improvement Plan Report), with an intended completion date of December 1, 2027.</i>
2. Describe any regional projects or collaboration efforts with other municipalities.
N/A
3. Indicate the location of records related to all public information sessions and meetings for discussions of the Watershed Improvement Plan.
<i>All records will be kept with the Township Clerk and Stormwater Coordinator.</i>