



Annual Stormwater Management Inspection Program for Commercial/Industrial

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New Castle County Stormwater Responsibilities

DNREC Delegation of State's Sediment and Stormwater Responsibilities

- Plan Review
- Construction Inspection
- Post-Construction Inspection

NPDES Permit DE0051071

- Issued May 7, 2013, to NCC and DeIDOT plus 5 co-permittees
- Bellefonte, Elsmere, Newport and Delaware City, City of New Castle.

Permit Elements

Public Education/Public Involvement

Illicit Discharge Detection and Elimination (IDDE)

Stormwater During Construction (Dept. of Land Use)

Post Construction Stormwater Management Inspection (BMPs Inspection)

Good Housekeeping

Industrial Stormwater

Watershed Priority List

Mapping

Public Education/ Public Involvement

Hold 2 annual Stormwater seminars

Meeting the contractors, landscapers, property managers' representatives and members from homeowner's associations at the site or in office

Attending community meetings



Illicit Discharge Detection and Elimination (IDDE)

Prohibited by Federal Law; NPDES permit # DE0051071

Against the County Drainage Code:

- Sections 12.08.001 (B) of the Code for discharging sewage, industrial wastes, and/or other wastes into the storm sewer system, or any component thereof, or onto driveways, sidewalks, parking lots, or other areas draining to the storm sewer system



Enforcement of Illicit Discharge

As soon as our office receives a tip for a PID “Possible Illicit Discharge” case, County personnel will be notified to visit the area to investigate the PID.

A report will be mailed to us if the case was confirmed as an active ID “Illicit Discharge” case.

The County issues a **NOV “Notice of Violation”** and **“Correction Order”** to the owner. A copy of the NOV will also be mailed to the site.

Failure to complete the items in the **“Correction Order”** shall result in further enforcement action under Section 12.08.005 of the Code, which includes, but is not limited to, administrative fines and investigation fees.

Post Construction Stormwater Management Inspection

By State and Federal Laws, we are obligated to inspect all the new/existing stormwater management facilities in the County at least once a year and notify the owners/responsible parties about their maintenance deficiencies.

The County stormwater management facilities' inventory gets updated at the beginning of each calendar year.

All the new/existing stormwater management facilities are mapped/inspected on a GIS based software annually.

The owners/responsible parties will get notified by receiving a copy of the inspection report.

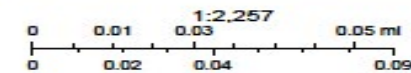
GIS Based Map

Public Works Viewer



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|---------------------|-----------------------------|----------------------|-----------------------------|
| BMP Polygons | New Castle County - Private | Pipes/Ditches | DeIDOT Hydraulic Connection |
| DeIDOT | Other | DeIDOT Pipe | NCC - Private Pipe |
| New Castle County | | DeIDOT Swale | |



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NCC Department of Public Works
 Delaware FirstMap, Esri, HERE, Garmin, INCREMENT P, NGA, USGS | NCCDE GIS | Julie Krauss, Public Works | Julie Krauss, Special Services |



2021 SWM Inventory

Total number of stormwater management facilities for 2021 annual inspections is 2,609

1777 Commercial/Industrial facilities

830 Residential facilities

Facilities are ponds, bioretention areas, biofiltration swales, constructed wetlands, green roofs, subsurface systems, filter strip and sand filters.

After We Complete the Inspections

Letters and inspection reports are mailed to owner/responsible party with a timeline for performing necessary maintenance.

The owner/responsible party should complete all items noted on the inspection report.

Questions about inspection reports are directed to NCC, Department of Public Works, Stormwater Management Section.

After You Received the Inspection Report

Find a copy of the **Operation and Maintenance Plan** for the SWM facilities at your site.

Find a copy of the **As-Built Plan** as well as the **Landscape Plan** for those SWM facilities.

Hire a professional contractor who is familiar with this type of the work. It is our recommendation to obtain at least **3 different estimates** from different contractors before signing a contract.

NCC, Dept. of Public Works can supply a **list of contractors** who have done similar work on stormwater management facilities.

Major Repairs

For performing any major repairs to the existing stormwater management facility at your site, you need to consult with NCC, Dept. of Public Works, for their review and approval process.

Examples: replacing any structural component of the facility/major sediment removal or changing the Landscaping incorporated in the facilities.

Plans must be reviewed and approved by NCC, Dept. of Public Works before you hire a professional contractor to start the project.

During and After the Work is Completed

Call our office if you have any questions.

Every job should be done within the timeframe noted on the inspection report. Make sure you communicate with our office if you need additional time.

You must also notify our office when all the work is completed because communication is very important and can prevent issuing Violations.

You can call/email the inspector on your inspection report to schedule a re-inspection within the noted timeframe.

You can also Email the inspector photos of the completed work.

Enforcement

If the required maintenance isn't completed within the NCC timeframe on previous inspection report:

- A “Notice of Violation” (NOV) and a “Correction Order” will be mailed to the owner or the responsible party. You have 10 days to submit to our office a plan of action and 30 days to complete the work.
- If work is still not completed by the NOV deadline, a “Rule to Show Cause Hearing” will take place plus up to \$1,000 fine/day from the initial day of violation could be issued.

Thank you

