

Annual Stormwater Management Inspection Process

Bernadette Igo, Stormwater Inspection Supervisor New Castle County, Department of Public Works Bernadette.Igo@newcastlede.gov, (302) 395-5743

Facility Types

- Dry ponds
- Wet ponds
- Bio-retentions/rain gardens
- Filter strips
- Bio-swales
- Constructed wetlands
- Catch basin inserts





Inspection

- Access to and around all components of pond
- Sediment accumulation
- Invasive vegetation
- Erosion/animal burrows
- Grass stabilization
- Vegetative buffers
- Structural damage
- General conditions trash, buffers, water elevation, etc.



Dry Pond



Wet Pond





Bio-Retention/Rain Garden





Filter Strip





Bio-Swales





Constructed Wetland





Catch Basin Insert

Follow maintenance guideline from the as-built plan

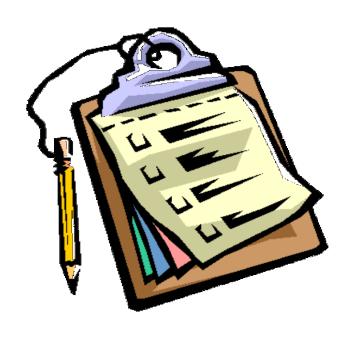






Each Facility Must Be Inspected Annually







Re-Inspections

Facilities with reoccurring deficiencies will have follow up inspections performed and will be tracked by the assigned inspector until the work is completed.









Extensions

- Weather permitting
- Working with outside engineering guidance
- Will work over a span of time as long as progress is being made and is approved by our stormwater engineer
- Communication is key!!!!!!!!!





Common Questions

- Can the annual inspection be scheduled- no, too many facilities!
- Can a site meeting to explain the annual report be scheduled?
 - In certain cases
 - Are you the hired contractor
 - Are you qualified to do the work
 - Do you have copies for the stormwater as-built
 - Do you have time to complete the work by the deadline
- Can a site meeting to re-inspect the work completed be scheduled?
 - Please submit labeled pictures (site name or unit id#) after work is completed
 to the assigned inspector

 New Castle County



Thank You



