



Davis Lake-Charlotte
9000 Davis Lake Pkwy. Charlotte NC 28269

Prepared By Trevor Andrews
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Wet Pond 1

Service Date 05-25-2016

Structural Observations

Inlets	Functioning as Intended
Swales and Channels	Not Applicable
Forebay	Functioning as Intended
Littorial Shelf	Functioning as Intended
Side Slopes	Functioning as Intended
Drainage structures	Functioning as Intended
Outlets	Functioning as Intended
Dam - Embankment	Functioning as Intended
Wetland Vegetation	Not Applicable
Sequential Level Spreader	Not Applicable

Structural Notes

- Some old muskrat holes persist along parts of shoreline.
- Outlets devices functioning as intended.
- Inlets functioning as intended.
- Most of the shoreline has Alder bushes growing around it. These need to be cut down or trimmed each year to prevent them from growing too large.
- Small amount of algae growing on rocks along dam shoreline.
- Primrose growing in inlet at Dam.

Maintenance Activities

Trash Removed	Yes
Colorant Added	Not Needed
Grates, Racks, Orifices Cleared	Not Needed
Nuisance Vegetation Control	Yes
Dissipater/Rip Rap Maintenance	Yes

Aeration Activities	Not Applicable
Valve(s) exercised	Not Applicable
Mowing/Trimming	Not Applicable
Fish Stocked	Not Applicable
Fisheries Activities	Not Applicable
Nuisance Animal	Not Applicable

Maintenance Notes

- Removed trash.
- Treated Primrose.
- Treated algae.
- Sprayed weeds in rip rap along Dam.

Water Analysis

Water Level	- Mean Level
Visibility (inches)	30
Alkalinity (ppm)	32
Hardness (ppm)	45
pH	8.5
Temperature (F)	78 F