

Cumberland Township MS4 Cost Summary

Estimated Yearly O&M Budget (Permit Term 2018-2023)

1. Facilities Maintenance	\$ 12,000
2. MCMs – Program Cost	\$ 7,500
3. Engineering Services (Annual Report, Training, Outfall Inspections)	\$ 7,500
4. Accounting	\$ 5,000
5. Administrative	\$ 3,000
6. Legal	<u>\$ 5,000</u>
Total Annual O&M Budget:	\$ 40,000

Projects (Construction Costs, Engineering/Administrative, Financing)

1. Basin Retrofit (Longview West)	\$ 22,000
2. Basin Retrofit (Longview East)	\$ 20,000
3. Stream Restoration (ACHS)	\$140,000
4. Basin Retrofit (Twin Lakes West)	\$ 52,000
5. Bioretention/Raingarden (CT Mun. Cmplx)	\$ 18,000
6. Dry Extended Detention Basin (CT Mun. Cmplx)	\$ 24,000
7. Stream Restoration (CT Mun. Cmplx)	\$100,000

Developer Projects

8. Vegetated Open Channel (Cumberland Village Phase 1)	\$ 0
9. Bioretention/Raingarden (Cumberland Village Phase 2)	<u>\$ 30,000</u>
Total Construction Costs:	\$406,000
Contingency (10%)	\$ 40,600
Engineering/Permitting (20%)	\$ 81,200
Year One Administrative Startup (5%)	<u>\$ 20,300</u>

Total Projects Budget: \$548,100

Total Annual Projects Budget: \$ 43,981* (@ 5%/20 years)

Total Estimated Yearly Cost: \$ 83,981

Estimated # of ERUs: 1,500

Total Estimated Yearly Cost Per ERU:	\$ 56.00
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*Assumes no grant funding