

MS4 Permit – 1.2” Retention Standard

- Requirement for regulated development projects.
- Critical for District waterbodies.
- Significant shift for regulated development.

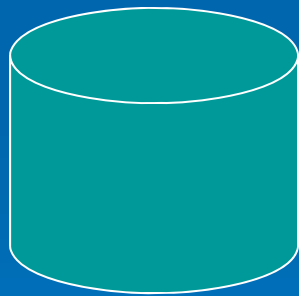


Off-Site Flexibility through Trading



➤ Same retention for 1.2" storm:

Strict On-Site



10,000
gallons

Trading

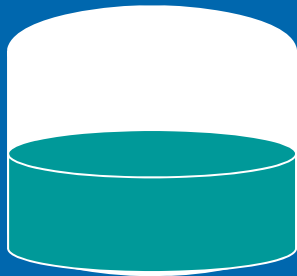


5,000 + 5,000 =
10,000
gallons

Trading's Potential to Increase Retention

- Greater retention for storms smaller than 1.2"
- Example – 0.6" storm:

Strict On-Site



5,000 gallons

Trading



5,000 + 5,000 =
10,000 gallons

- 90% of storms in Washington DC are less than 1.2".
- This scenario yields 57% increase in annual retention.