

Chapel Hill Stormwater

Special Projects & Core Services

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Agenda

- Video
- What We Do
- Stormwater Maintenance Program
- Recent Stormwater Projects
- Water Quality Core Services
- Subwatershed and Future Projects

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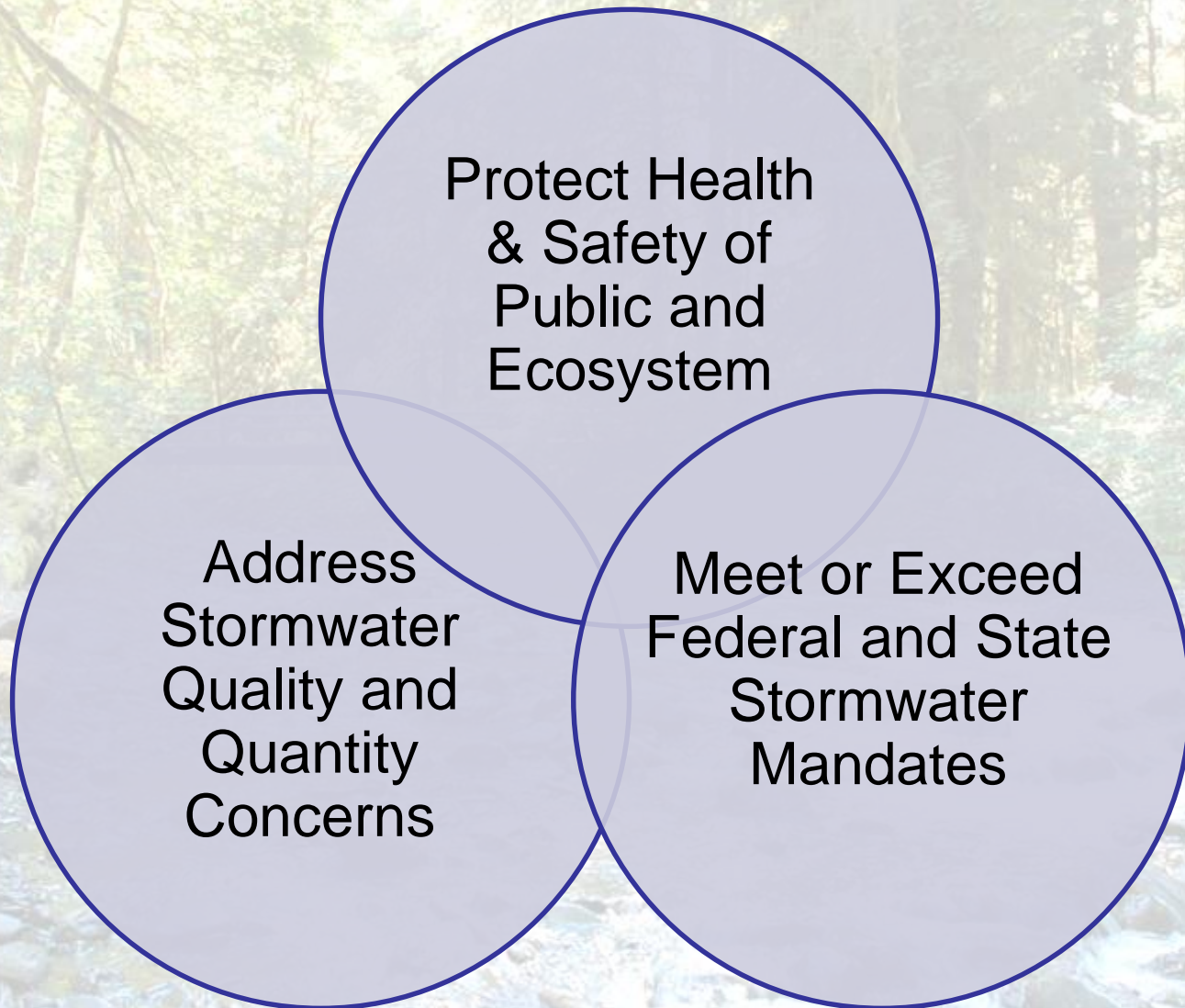
[Insert Video]

- *The video will be added before the Council Meeting.*

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What We Do



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What We Do

STORMWATER OPERATIONS

- Prepare annual billing and manage stormwater billing databases
- Perform routine and remedial drainage maintenance
- Repair or replace failing drainage infrastructure
- Perform street sweeping
- Implement the Town's National Pollutant Discharge Elimination System (NPDES) Industrial Permit
- Provide public and staff education on enhancing water quality
- Develop/manage Capital Improvement Projects (CIP) identified in Subwatershed Studies

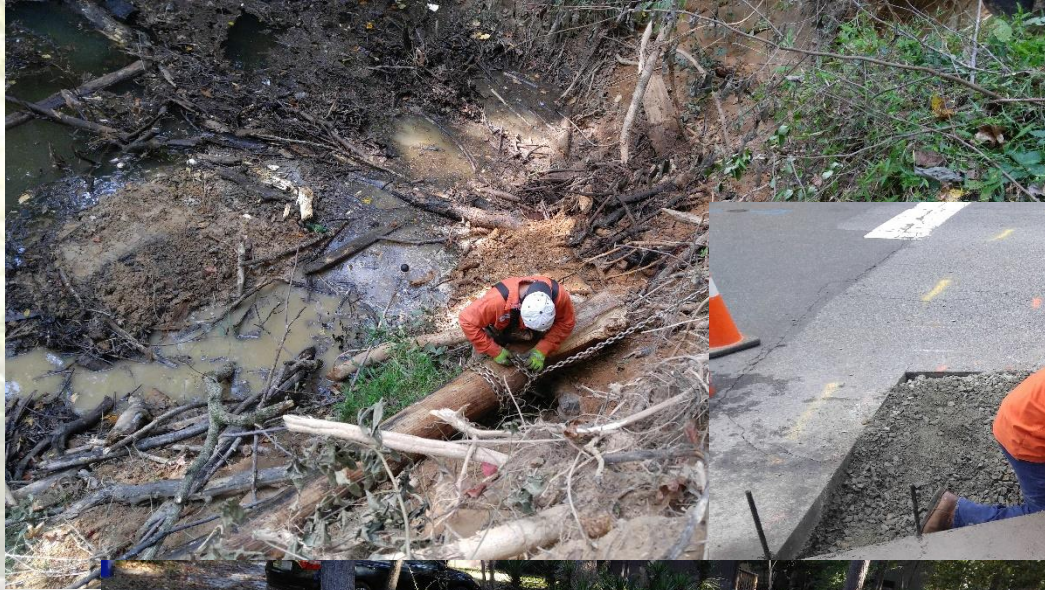
TECHNICAL SERVICES

- Development reviews and inspections for compliance with Town and state regulations
- Implement Town's NPDES Municipal stormwater permit
- Interpret floodplain maps for residents and businesses
- Perform field classifications of streams
- Conduct illicit discharge (pollution) investigations
- Manage and assist with annual macroinvertebrate sampling
- Conduct field inventory and data collection of the storm drainage infrastructure

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Stormwater Maintenance



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Recent Stormwater Capital Projects



Perry Creek Road

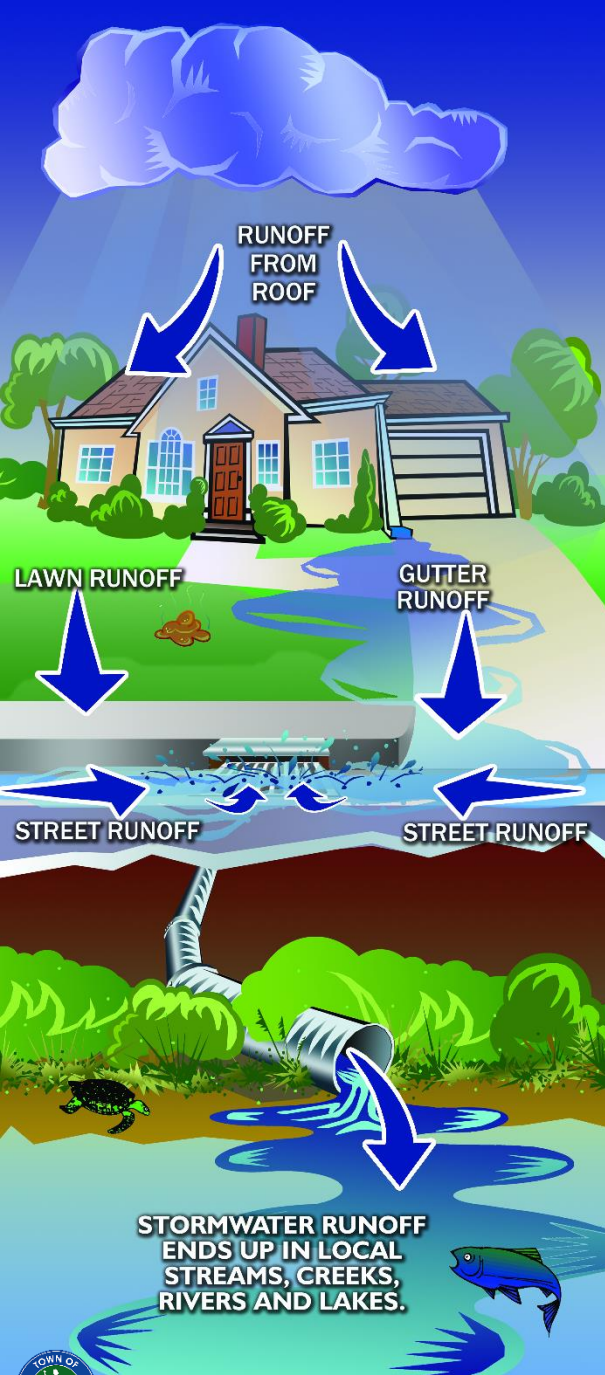


S Elliott Road



Booker Creek Road

Water Quality



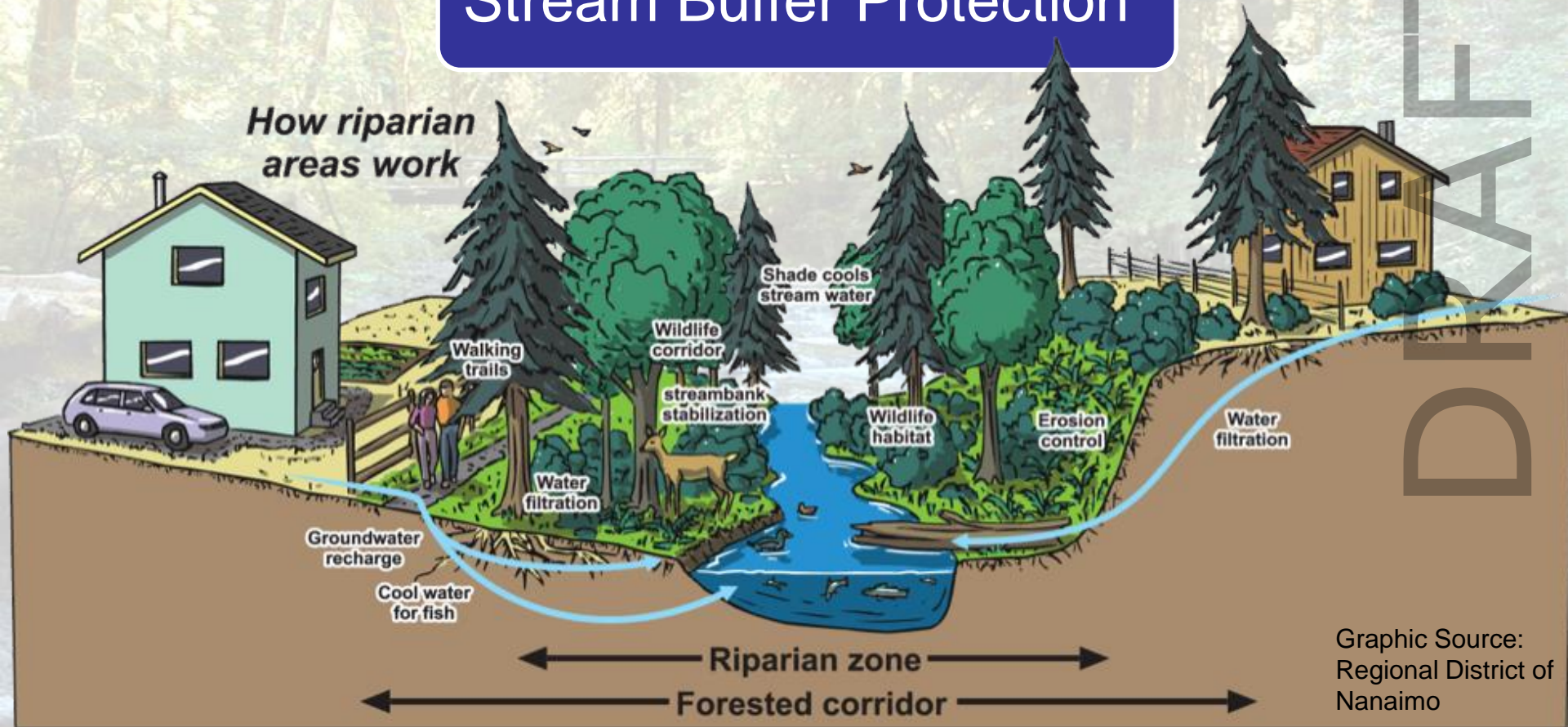
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Water Quality

Stream Buffer Protection

How riparian areas work



Graphic Source:
Regional District of
Nanaimo



Subwatershed Studies

2008

- Stormwater Master Plan Phase 1 Report Completed

2014

- Stormwater Master Plan Phase 2 Report Completed

2015

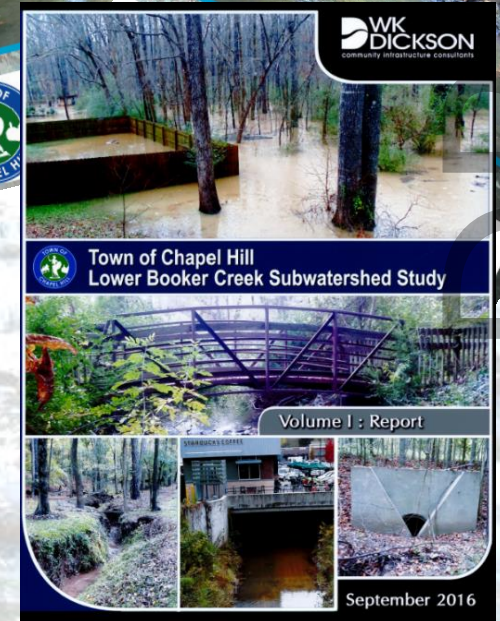
- \$5.9 Million Stormwater Bond Referendum Approved

2017

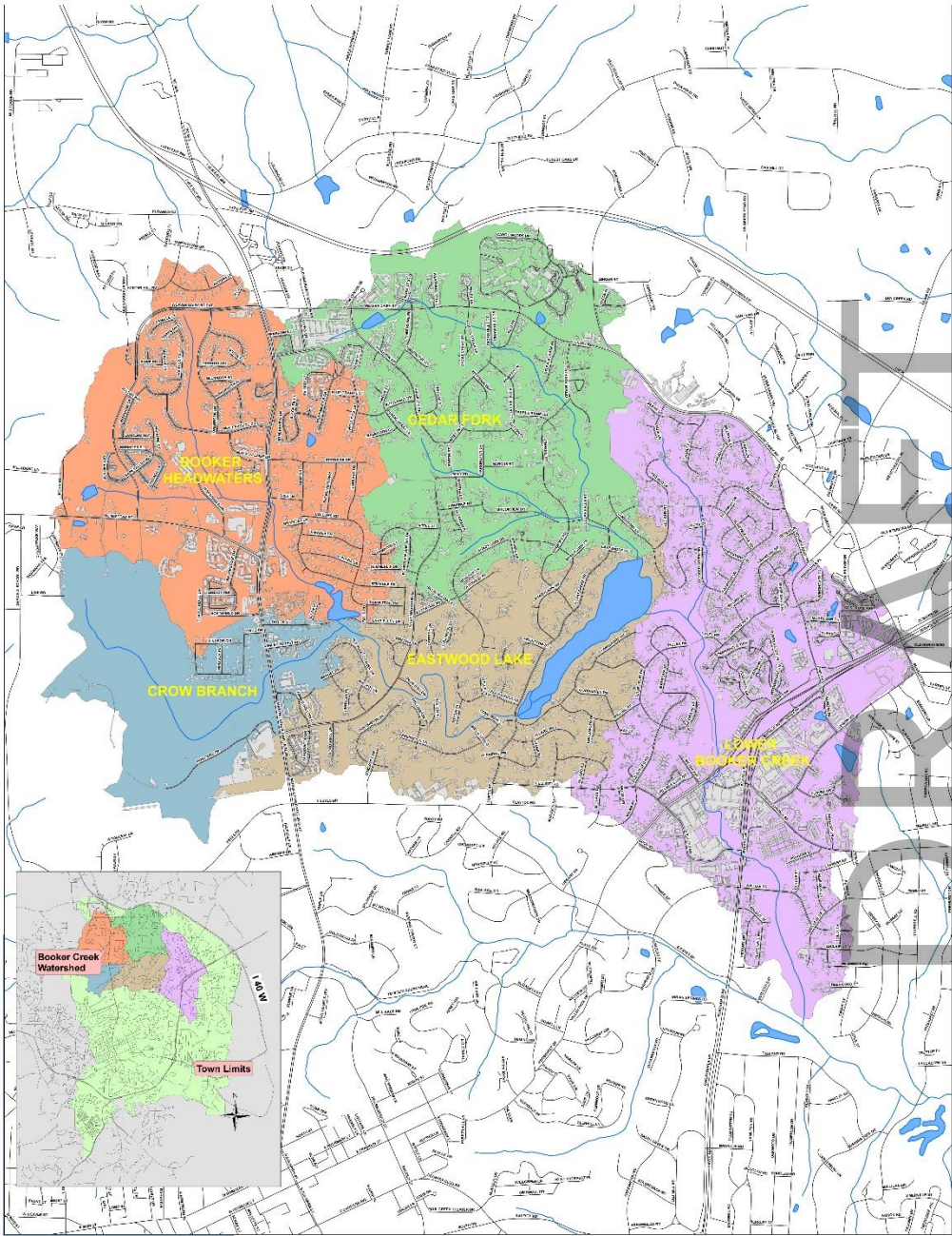
- Lower Booker Creek Subwatershed Study Approved

2019

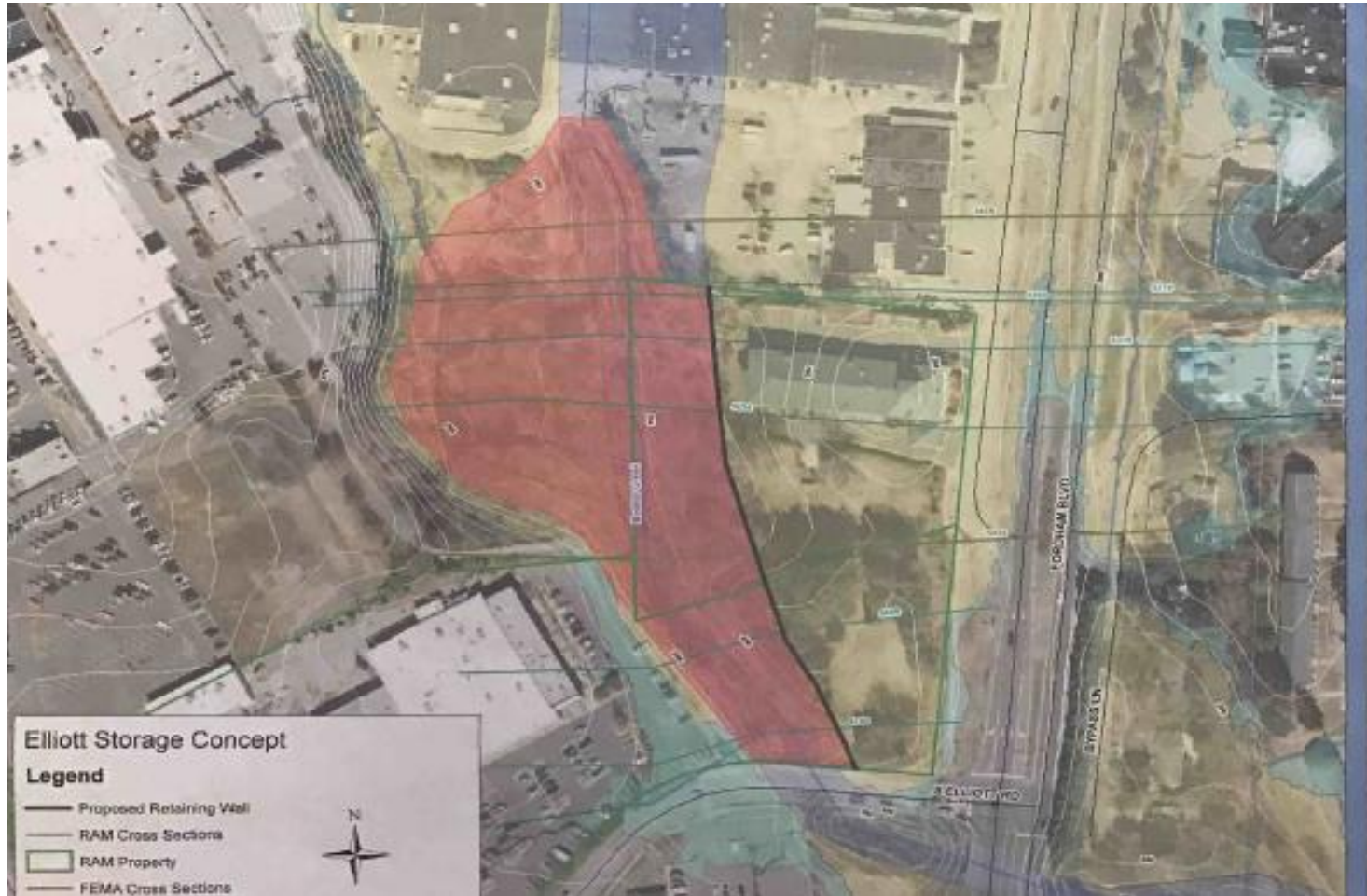
- Eastwood Lake Subwatershed Study Draft Report
- Cedar Fork Subwatershed Study underway



Booker Creek Watershed

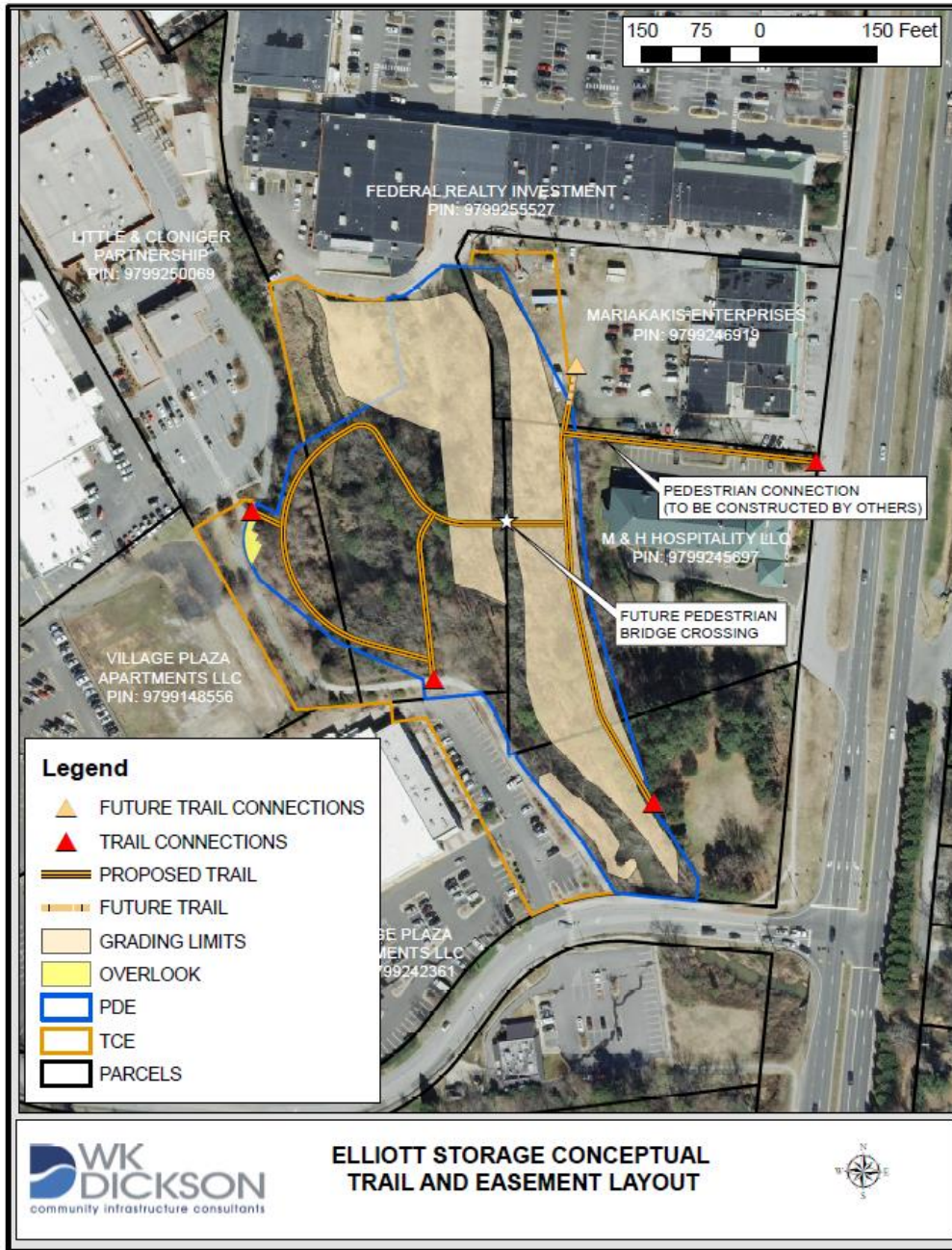


Elliott Road Flood Storage Facility



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Questions?

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