

Waynesboro Public Works and Planning

April 10th, 2019

Trafford McRae

Michael Ramsey

Luke Juday



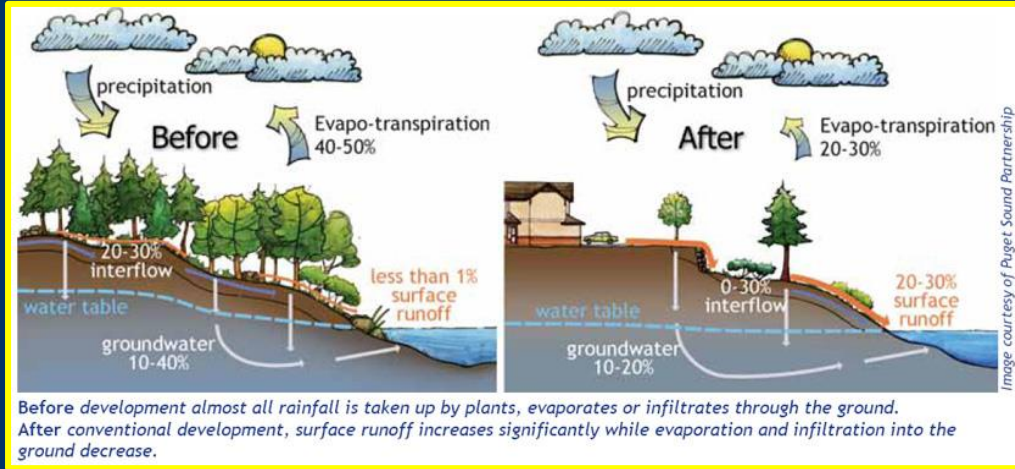
Public Works Role in the Community

A Big Team

- Sewer
- Water
- Fleet
- Streets
- Stormwater
- Engineering



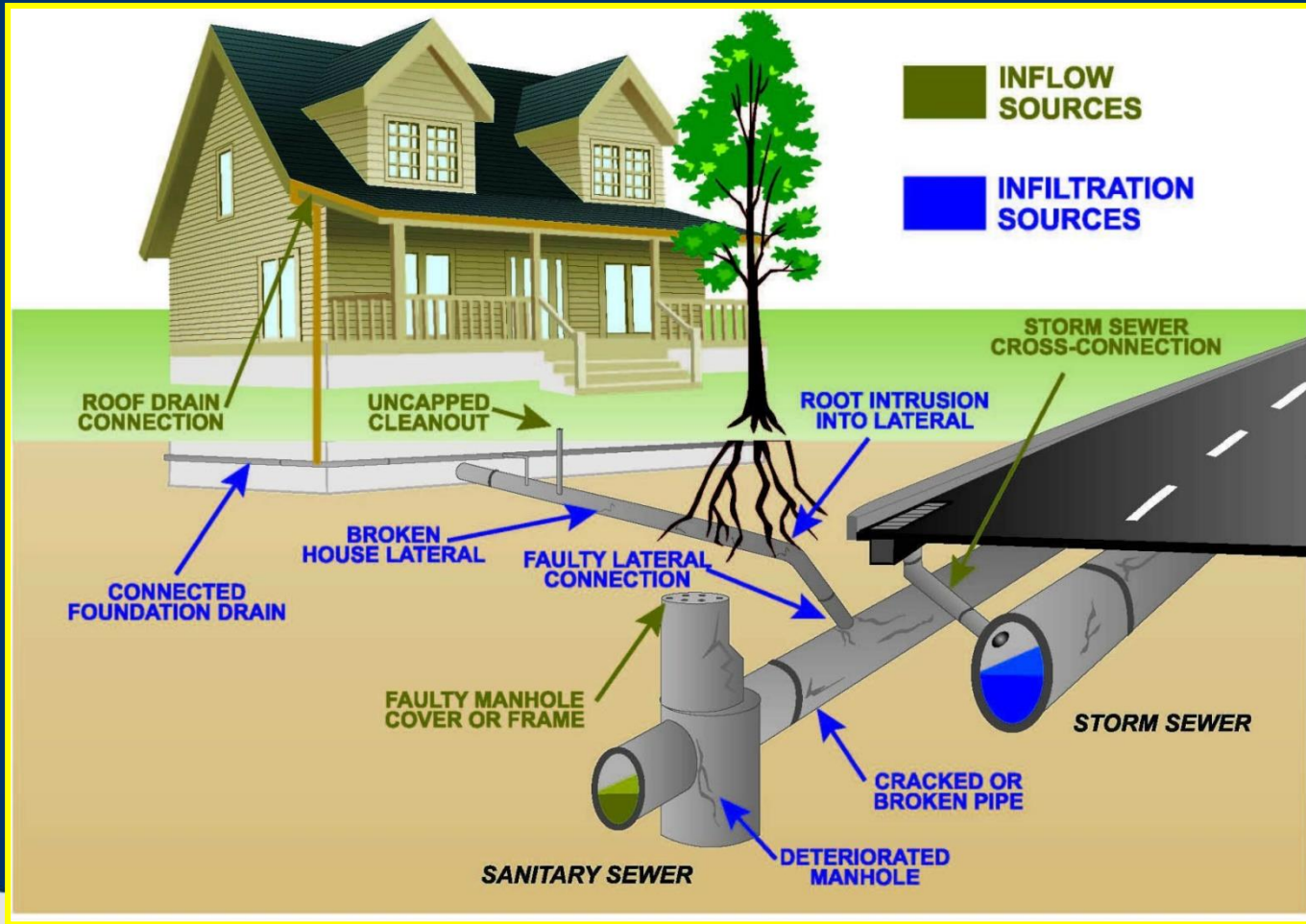
Defining the Problem



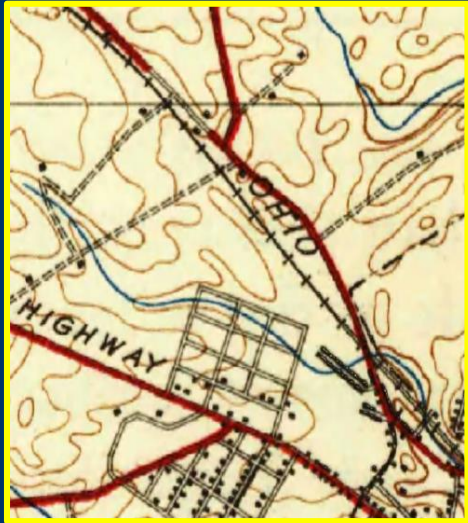
Stormwater runoff CAN create water quantity and water pollution problems....



Defining the Problem



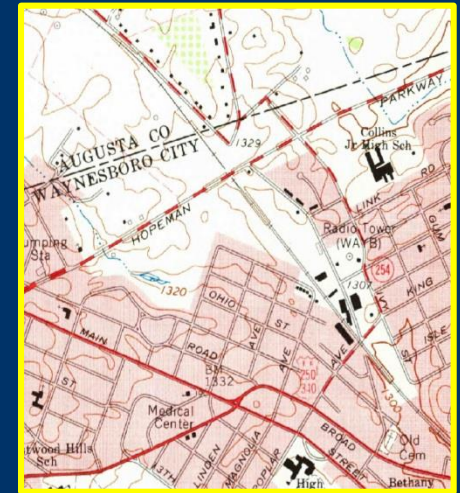
Waynesboro and Water Resources



1939



Broad St Circa 1954



1974

Program History

- 1961- First Map of Drainage System and Future Projects Designated.



Complying to Mandates



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY
VALLEY REGIONAL OFFICE

Matthew J. Strickler
Secretary of Natural Resources

P.O. Box 3000, Harrisonburg, Virginia 22801
(540) 574-7800 Fax (540) 574-7878
Physical Address: 4411 Early Road, Harrisonburg, VA
www.deq.virginia.gov

David K. Paylor
Director

Amy Thatcher Owens
Regional Director

**STATE WATER CONTROL BOARD
AMENDMENT TO ORDER BY CONSENT
ISSUED TO
CITY OF WAYNESBORO
FOR
WAYNESBORO STP
VPDES PERMIT NO. VA0025151**

SECTION A: Purpose

This is an Amendment of an Order by Consent (Amendment) issued under the authority of Va. Code § 62.1-44.15 between the State Water Control Board and the City of Waynesboro regarding the Waynesboro Sewage Treatment Plan for the purpose of revising certain provisions of the Order by Consent (Order) issued by the Board to the



What Do We Own?



Waynesboro's Storm Sewer System

- Over 80 Miles of Conveyances
- Over 3,000 Structures
- 150 Regulated Outfalls

Waynesboro's Sewer System

- 120 Miles of Sewer Mains
- 2,800 Manholes
- 8 Pump Stations



How is the City Funded?

City Funds

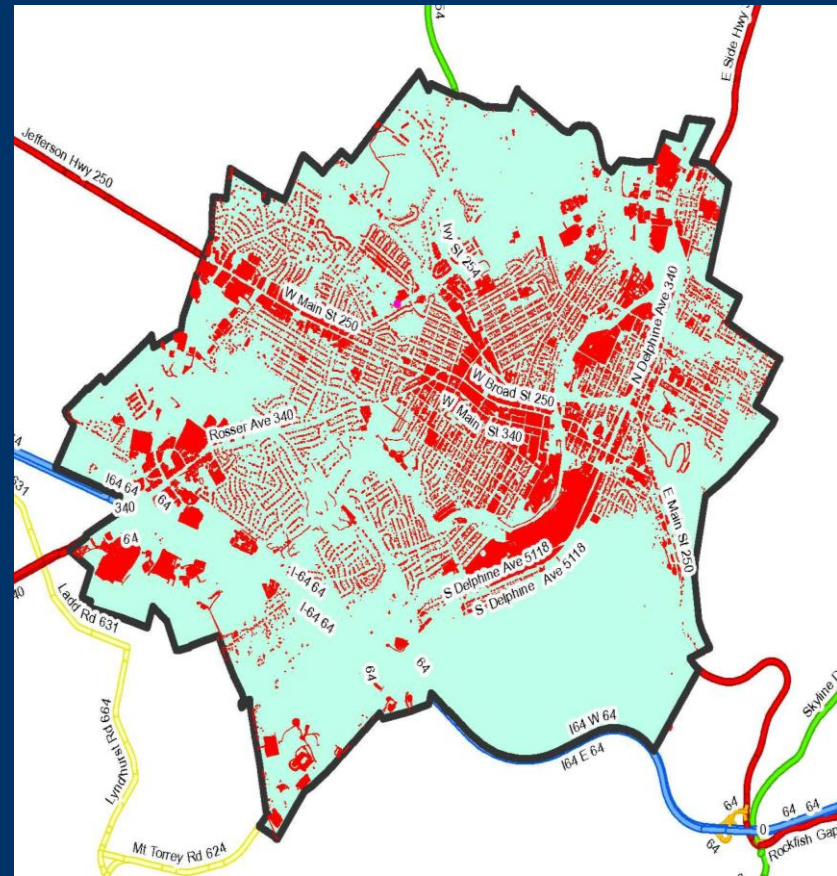
General
Fund

Enterprise
Funds

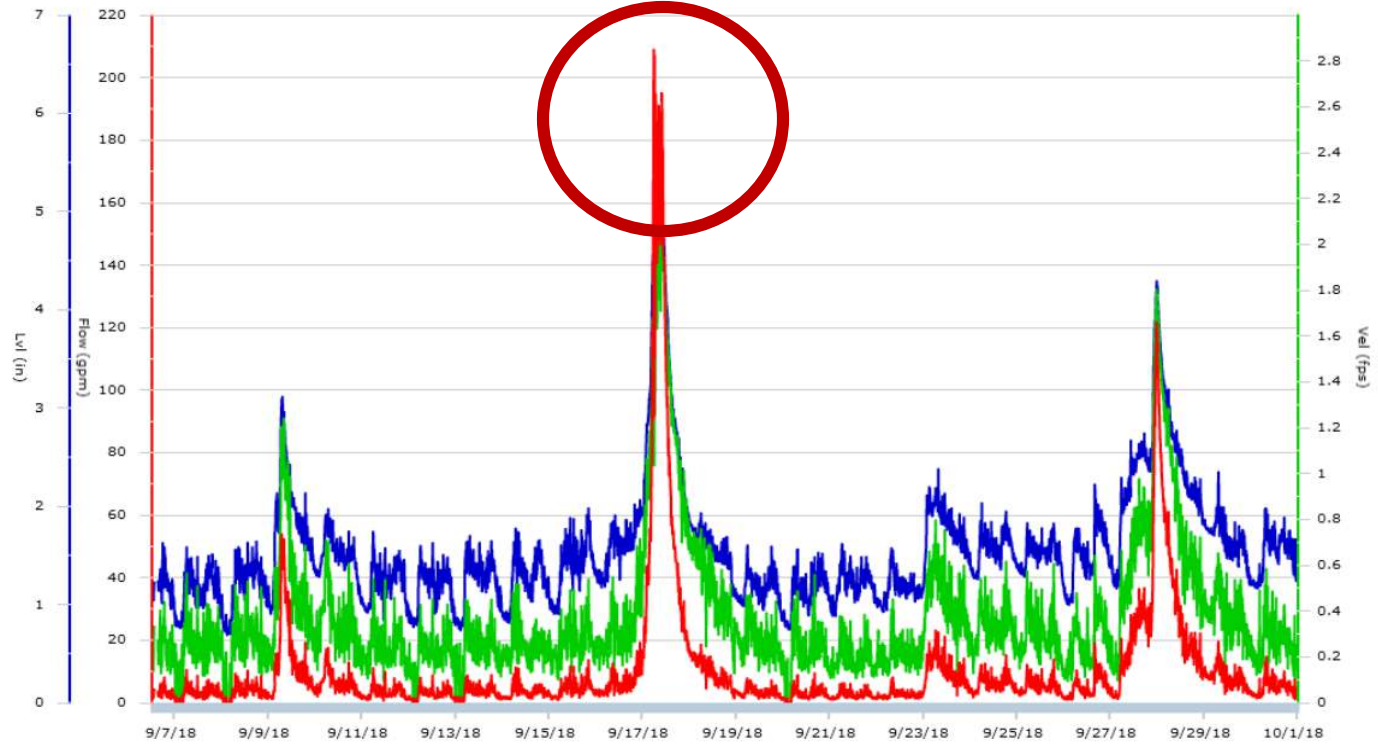
Fiduciary
Funds

Stormwater Utility Development

- Waynesboro Statistics
 - 8% Impervious
 - ERU – 1,600 SF
 - 7,300 SFR Parcels vs 3,200 NSFR Parcels
 - 8,900 SFR ERU vs 21,700 NSFR ERU
 - 26% Effective Poverty Level



MH-13-126
golf course



Mon Sep 17 2018 06:50:00 AM

- Lvl (in) 5.96
- Flow (gpm) 110.74
- Vel (fps) 1.26





Looking Forward

- Stable Funding
- Maintenance Backlog
- Tackling TMDL



Chesapeake Bay TMDL

- A 'Pollution Diet' managed through NPDES Permits.
- Requires Nitrogen, Phosphorous and Sediment (TSS) Reductions



Aerial View of Jefferson Park Wetland



Why is the City's Relationship with the South River Important?

- Maintaining Regulatory Compliance
- Working to improve infrastructure
- Having a clean river and streams the community can enjoy



Photo: William Jordan

City Projects on the South River

- Natural Resource Damages Act settlement



City Projects on the South River

- Greenway Trail Expansion



Questions?

- **Trafford McRae**
 - mkraetr@ci.waynesboro.va.us
- **Michael Ramsey**
 - ramseymw@ci.waynesboro.va.us
- **Luke Juday**
 - judaylj@ci.waynesboro.va.us

