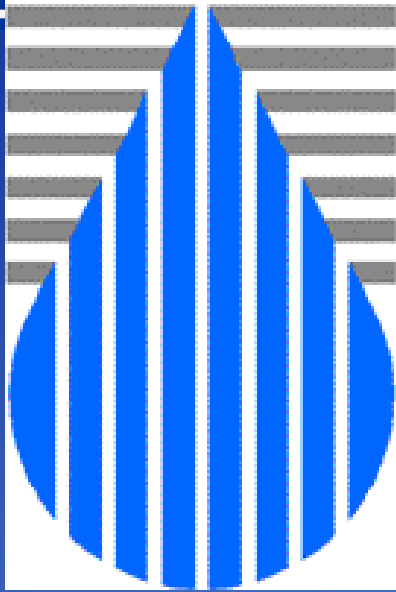


MDC



The Metropolitan District

The 21st Century Clean Water Program

Presentation to Hartford City Council

March 15, 2006

PROGRAM MISSION STATEMENT

“The Metropolitan District will reconstruct our 19th Century Sewer Collection and Treatment System to satisfy 21st Century State and Federal requirements. We commit the District to continuous water quality improvements to foster community uses. We will do so with the least possible fiscal impact to ratepayers and member communities.”

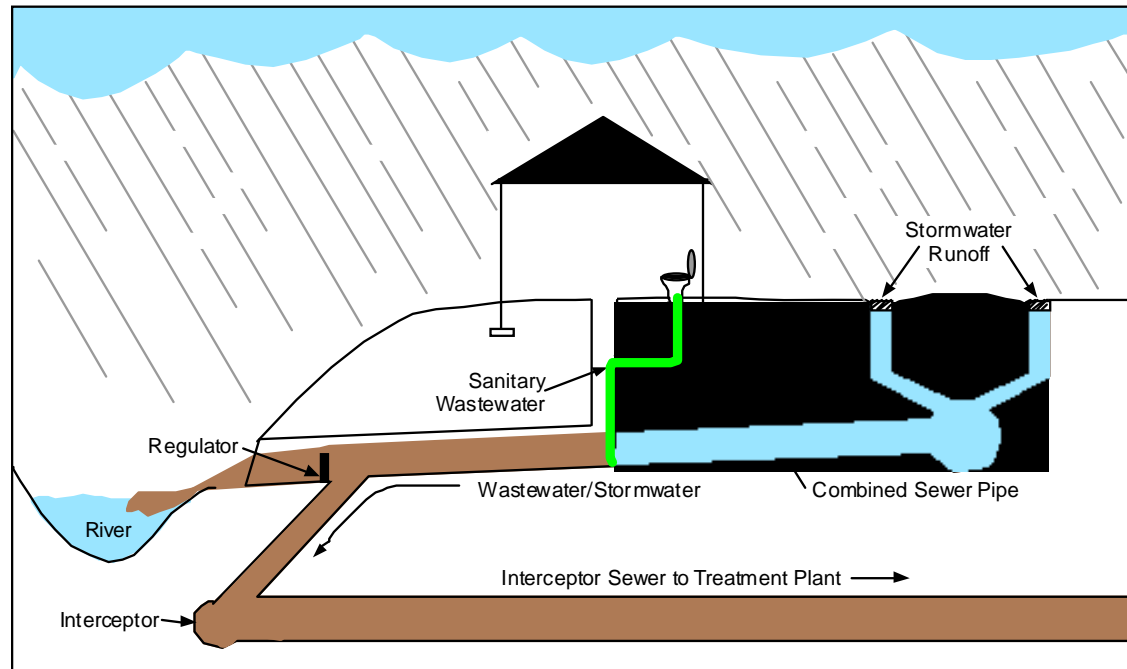
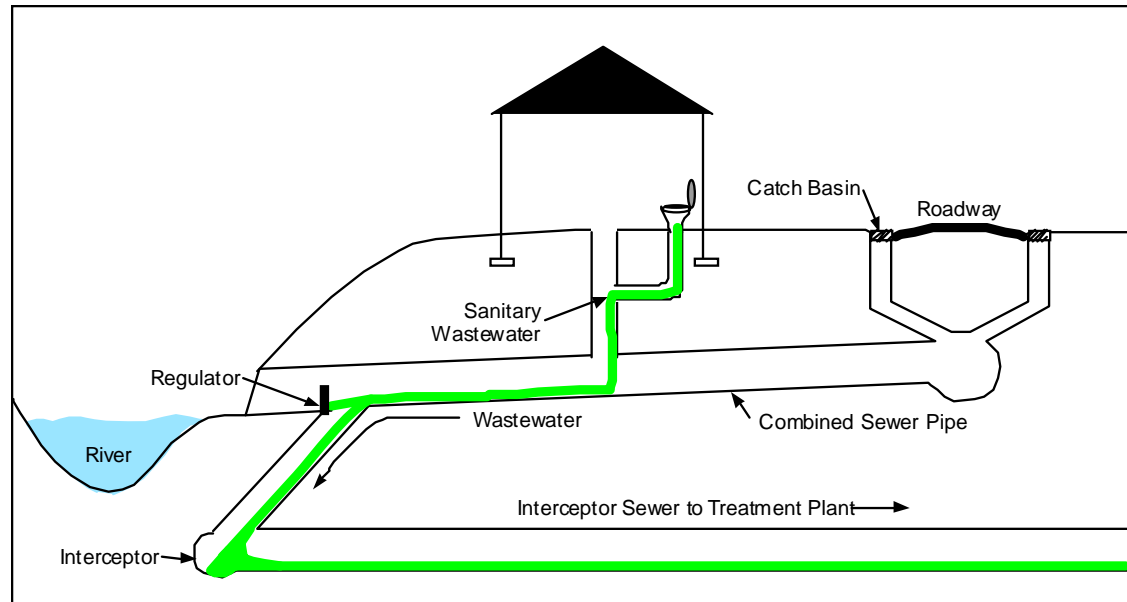
Clean Water Program Goals

- Significant Area Water Quality Improvements
- Satisfy the CT DEP CSO Compliance
- Eliminate SSO's To Address EPA/DOJ Consent Decree
- Correct CSO Flooding and Backups
- Coordinate Work with Area Projects/Needs
- Minimize Program Costs
- Obtain Grants to Minimize Rate Impacts

Program Challenges

- Meet CTDEP and EPA/DOJ Schedules
- “Do No Harm” To Citizens/Businesses
- Referendum Approval
- Get Systems in Place to Execute Projects
- Integrate with District Members’ Needs
- Beat the Budget!

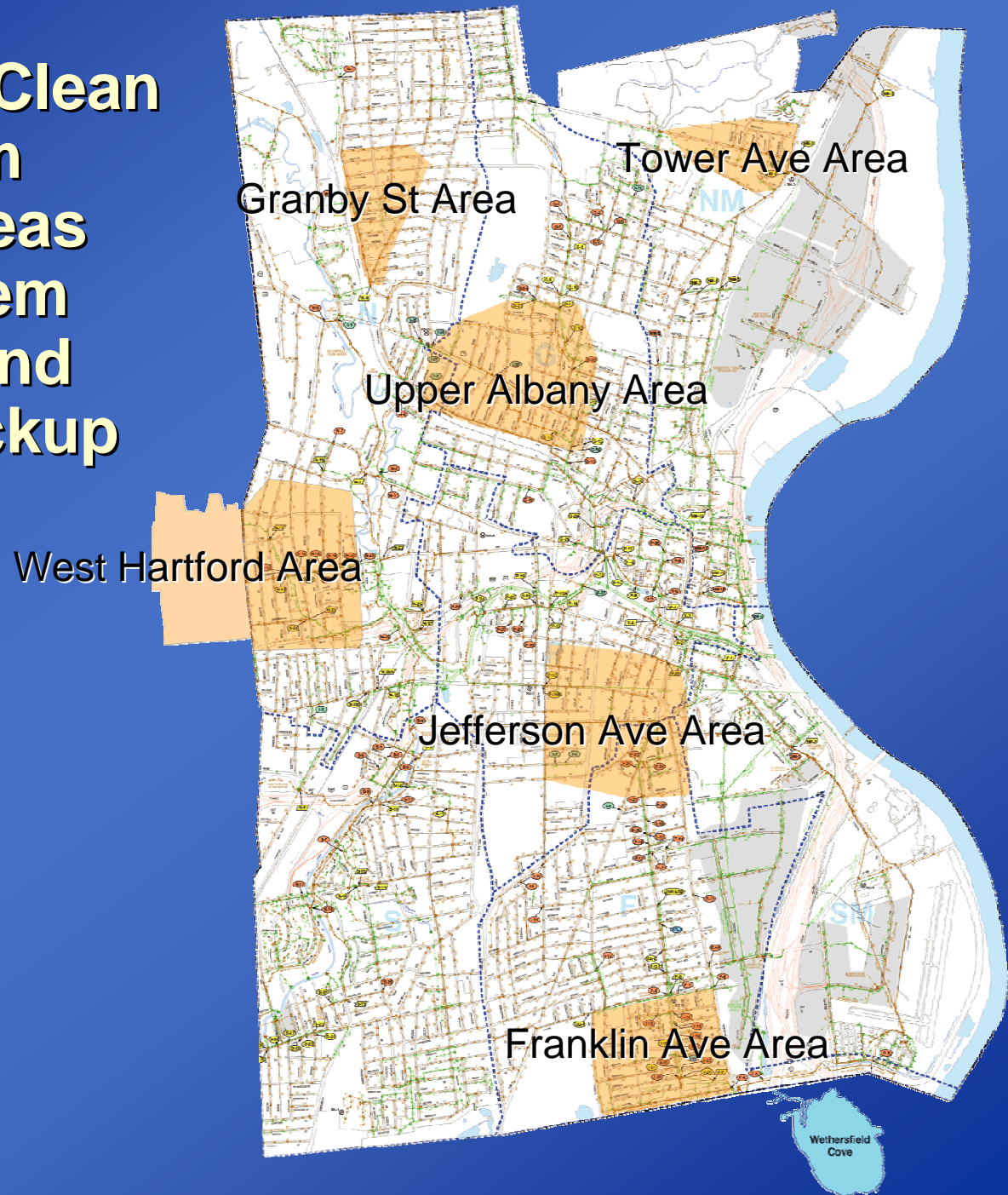
Combined sewers discharges occur from stormwater inflows to sewers during rain events.



District's
Combined
Sewer
System has
38 CSO
outfalls to
water bodies
throughout
Hartford...fifty
overflows per
year...One
Billion Gallons
Overflow



The District's Clean Water Program Addresses Areas Prone to System Surcharging and Basement Backup





What's an SSO?

- An unauthorized/unpermitted discharge of sewage into the environment



What causes an SSO?

- Too much clean water in the sewer system



How does too much clean water get in?

- Leaks in the pipes and manholes, illegal connections (sump pumps, catch basins, roof leaders, etc.), and river/streams.

Why is this a problem for the District?

- EPA/DOJ has issued the District a consent decree that will include significant fines for noncompliance.



SUMP PUMP

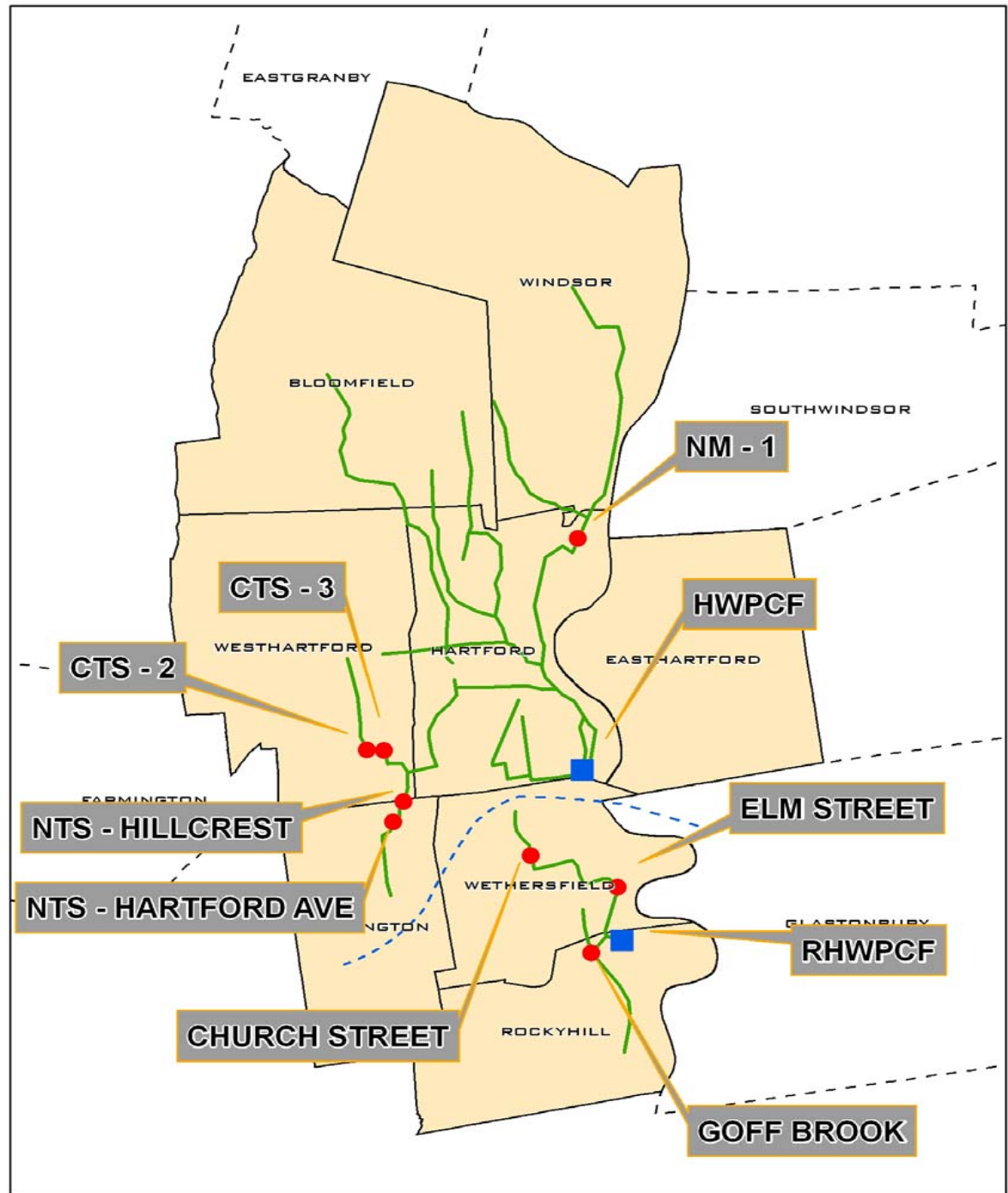


FOOTING DRAIN

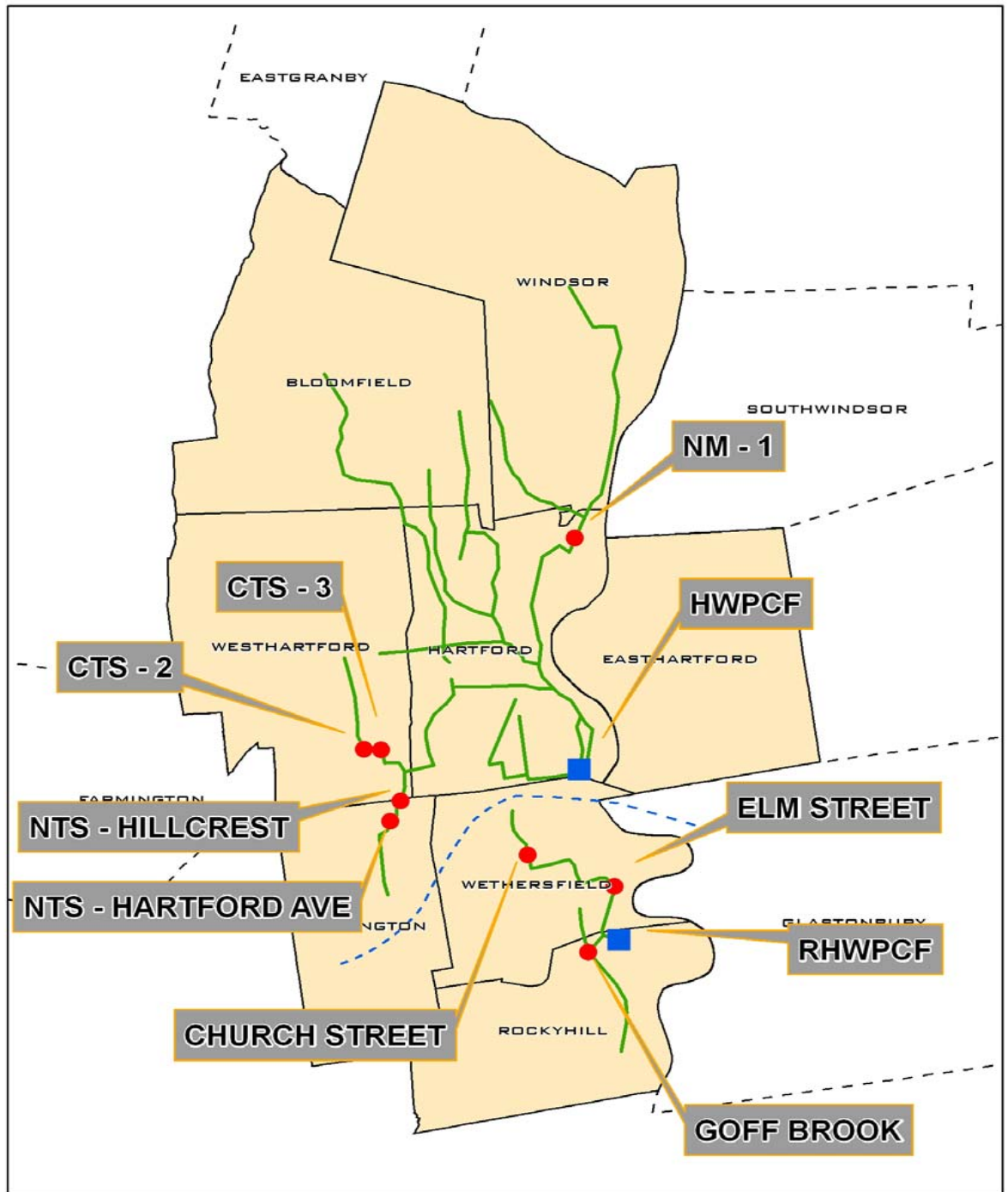


CB CONNECTION

Sanitary sewer capacity problems exist throughout the district...leading to localized flooding and basement backups...and overflows.



Eight Sanitary Sewer Overflows Must Be Eliminated from Streams In District Member Towns



The District's Sewage Flows To the Hartford WPCF Through Hartford's CSO System

