



WASTEWATER INFRASTRUCTURE

***Presentation
for
Citizen Advisory Committee***

January 23, 2008

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OUTLINE

- **Yorkville-Bristol Sanitary District**
- **Fox Metro Water Reclamation District**
- **Sewer System Infrastructure**
- **Wastewater Treatment Plant Infrastructure**





YORKVILLE-BRISTOL SANITARY DISTRICT

- **History & Purpose**
- **Responsibilities**
- **Challenges**
- **Relationship with the City**
- **Future Planning**



FOX METRO WATER RECLAMATION DISTRICT

- **History & Purpose**
- **Responsibilities**
- **Challenges**

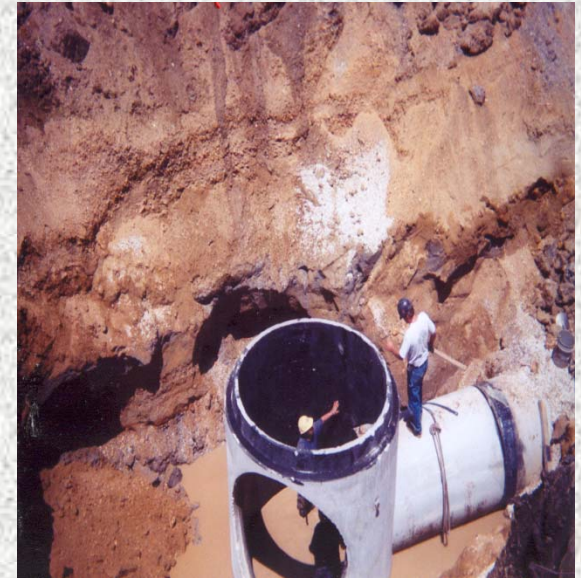


SEWER SYSTEM INFRASTRUCTURE

- **Facility Planning Area**
- **18-inch Ownership Rule**
- **Sewer Use Ordinance #2006-11**
 - **Standard Specifications for Sanitary Sewer Construction**
 - **Plan Review performed by consultant**
 - **Annexation Fees**
 - **Infrastructure Participation Fees**
- **F.O.G. Ordinance #2007-2C**

SEWER SYSTEM INFRASTRUCTURE

- **Facility Planning Area**
- **15-inch Ownership Rule**
- **Sewer Use Ordinance #800**
 - **Standard Specifications for Sanitary Sewer Construction**
 - **Plan Review Performed with In-house Staff**
 - **Annexation Fees**
 - **Infrastructure Participation Fees**
- **Grease Program Ordinance #784**
- **Industrial Pretreatment Ordinance #517**





WASTEWATER TREATMENT PLANT INFRASTRUCTURE

YBSD Existing Plant

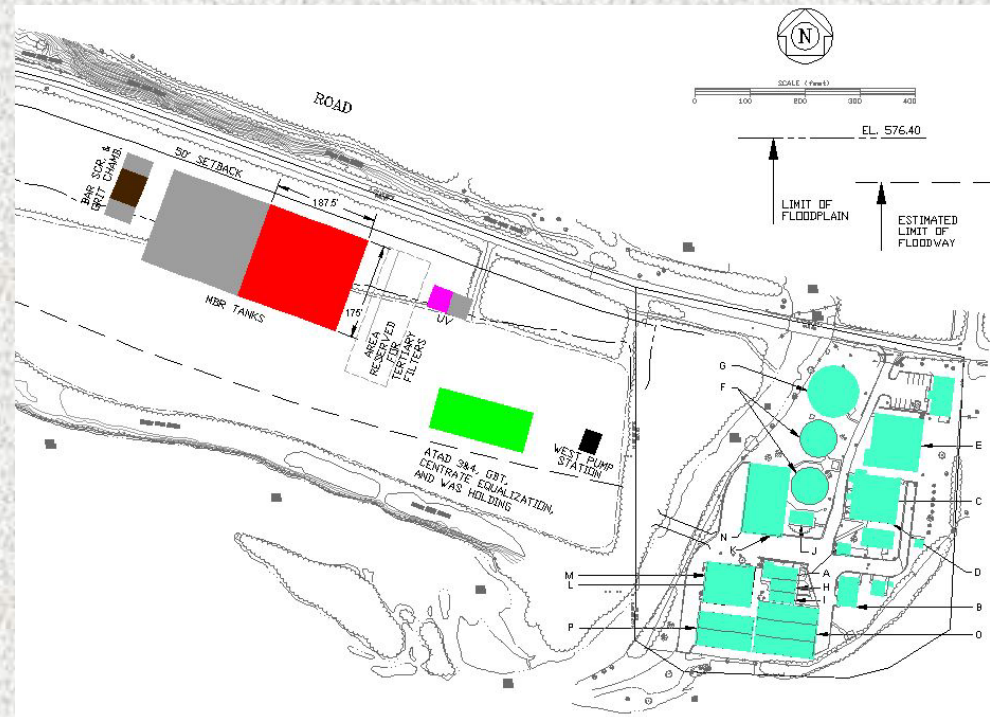
- **Capacity**
- **Preliminary Treatment**
- **Secondary Treatment**
- **Disinfection**
- **Solids Processing**



WASTEWATER TREATMENT PLANT INFRASTRUCTURE

YBSD - Planning for the Future

- Existing Plant Improvements
- Bridge
- Plant Expansion



WASTEWATER TREATMENT PLANT INFRASTRUCTURE

FMWRD Existing Plant

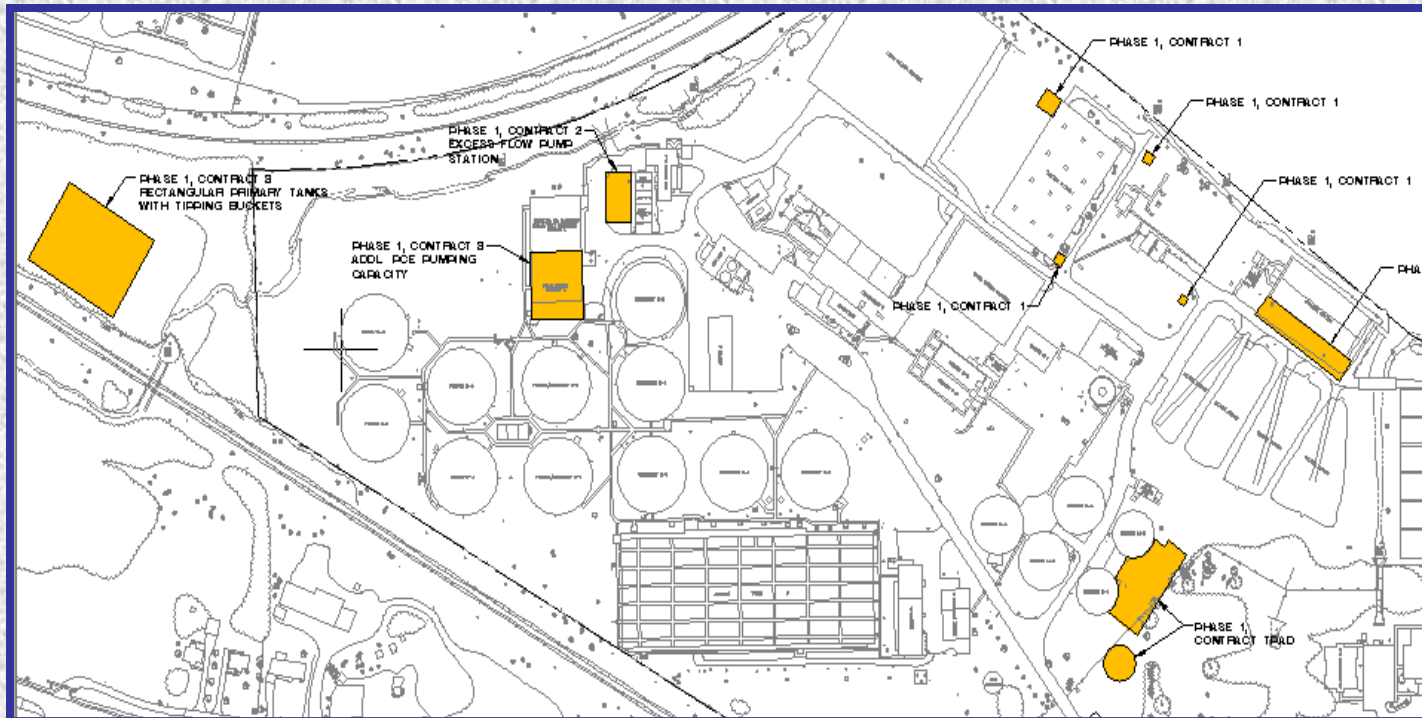
- **Capacity**
- **Preliminary Treatment**
- **Primary Treatment**
- **Secondary Treatment**
- **Tertiary Treatment**
- **Disinfection**
- **Solids Processing**



WASTEWATER TREATMENT PLANT INFRASTRUCTURE

FMWRD - Planning for the Future

- Existing Plant Improvements



WASTEWATER TREATMENT PLANT INFRASTRUCTURE

FMWRD - Planning for the Future

- **Proposed Plant Improvements Site**





DISCUSSION &

