

Boston Water & Sewer Commission

- Quasi Independent Authority
- Distribution of Water
- Sewerage Collection
- Drainage Control

Boston Water & Sewer Commission

- 1,020 Miles of Water Pipe
- 1,400 Miles of Sewers
- 9 Pumping Stations

Engineering

- Planning
- Design
- Construction
- Field Services

Capital Improvement Program

- 3-Year Program
- One Year's Worth of Detailed Data
- Shows Project Amounts, Schedules

Requests for Proposals

- Advertised in Central Register and Boston Paper
- Sent to List of Prequalified Firms
- Selection Committee of 3 or 5
- Approval of Selection by Commission

Water System

- Completing Water Study
- 20 Year Plan
- Reduction in Water Main Program

Sewer and Drain Project Focus

- Depleted Groundwater
- Replenishment from Public and Private Sources
- Location of Sources of Infiltration

Removal of Water from Sewers

- Past I/I Efforts were Partially Effective
- Standard Procedures Need to be Changed
- New Efforts and Methods to be Incorporated

Sewer and Drain Projects

- Major Evaluation of Sewer and Drain Systems - 2011
 - Inspection of sewers, drains and outfalls
 - Review and Development of I/I Investigation Methodologies
 - 20 Year Program for Improvements
 - Climate Change
 - Rising Sea Levels
 - Change in Storm Intensity
 - Effects on Drainage

Sewer and Drain Projects

- NPDES Stormwater Program — to be determined
 - DEP and EPA Regulations
 - New Levels of Acceptance for Discharges
 - Monitoring
 - Gather and Provide Data on Existing Treatment

Sewer and Drain Projects

- Construction Services for Separation - 2011
 - Two small areas in South Boston and North Dorchester
 - Combined into one contract
- Construction Project – Test and Line Sewer Lateral Connections

Sewer and Drain Projects

- I/I Investigation Dorchester — End April — Beginning May
 - Areas previously separated
 - Areas previously investigated for I/I
 - Still excessive Flow
 - Innovative Approach



Misc. Projects

- Random projects come up

The background is a smooth blue gradient. On the left side, there is a bright, glowing area that resembles a sun or a light source, with a vertical streak of light extending downwards, creating a shimmering effect on the surface below. The rest of the background is a deep, uniform blue.

Questions?