Trinity Watershed Management
Flood Control Division
Flood Control Division

- Flooded Roadway Warning System
- Levees and Floodway
- Pump Stations
- Pressure Sewers
- Cole Park Detention and Pumping
- Storm Drainage System
Flooded Roadway Warning System (FRWS)

- 40 FRWS Locations Citywide
- 8 Underground lift stations
Levees and Floodway

- Watershed - 6050 Square Miles
- Levees - 30
- Floodway - 2100 acres
Pump Station Watersheds
Able Pumping Plants

• 2 Stations at this location
  • Small Able (80,000 GPM)
    • Built in 1932
  • Large Able (146,000 GPM)
    • Built in 1954

600 S. Riverfront Blvd (75207)
Baker Pumping Plants

- 2 Stations at this location
  - Old Baker (208,000 GPM)
    - Built in 1932
  - New Baker (406,000 GPM)
    - Built in 1975

2255 Irving Blvd (75207)
Hampton Pumping Plants

• 2 Stations at this location
  • Old Hampton (200,000 GPM)
    • Built in 1955
  • New Hampton (408,000 GPM)
    • Built in 1975

End of Conveyor Lane (75247)
Charlie Pumping Plant

- 1 Station at this location
  - Charlie - (86,000 GPM)
    - Built in 1932

600 1st Street (75226)
Old Pavaho Pumping Plant

- Old Pavaho - (82,000 GPM)
  - Built in 1954

400 Canada Drive (75212)
New Pavaho Pumping Plant

400 Canada Drive (75212)

- Construction completion estimated Fall 2012 (Pumping could begin Summer 2012)
- Three (3) Concrete Volute pumps with a pumping capacity of 375,000 per minute total capacity; One (1) 6,000-gpm pump (low-flow)
- Construction cost approximately $27M from 2006 bond funds
Delta Pumping Plant

4115 Hampton Road (75212)

- Delta - (86,000 GPM)
- Built in 1932
Rochester Pumping Plant

- Rochester - (85,000 GPM)
  - Built in 1992

3096 Municipal (75215)
<table>
<thead>
<tr>
<th>Location</th>
<th>Watershed (acres)</th>
<th>Discharge (GPM / CFS)</th>
<th>Constructed</th>
<th>Outfall Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Belleview</strong></td>
<td>2,210</td>
<td>2,637,000 / 5,875</td>
<td>1932</td>
<td>18 foot horseshoe (no flap gate)</td>
</tr>
<tr>
<td><strong>Dallas Branch</strong></td>
<td>312</td>
<td>606,000 / 1,350</td>
<td>1932</td>
<td>12 foot CPC</td>
</tr>
<tr>
<td><strong>Woodall Rodgers</strong></td>
<td>606</td>
<td>754,000 / 1,679</td>
<td>late 1970's</td>
<td>10 X 9 foot flap gate</td>
</tr>
<tr>
<td><strong>Turtle Creek</strong></td>
<td>5,276</td>
<td>396,000 / 883</td>
<td>1960</td>
<td>Four – 10 foot diameter openings</td>
</tr>
<tr>
<td><strong>Lake Cliff</strong></td>
<td>Lake</td>
<td>396,000 / 883</td>
<td>1960</td>
<td>6' X 8' concrete conduit (2 - 96 inch flap gate)</td>
</tr>
<tr>
<td><strong>Coombs Creek</strong></td>
<td>N/A</td>
<td>3,146,000 / 7,010</td>
<td>1932</td>
<td>4 – 8 X 10 foot sluice gates (no flap gate)</td>
</tr>
</tbody>
</table>
Cole Park Detention & Pumping

3110 Cambrick (75204)

- 100,000 GPM
- 100 feet underground
- 71 million gallons storage
Storm Drainage

- 1800 miles of Storm Drainage Pipes
- 115 miles of City owned creeks
- 48 miles of lined channels