DuPage Pumping Station
DuPage Pumping Station
Operational Information

- Commission is the second largest water system in the State of Illinois
- The DuPage Water Commission is the sole source of Lake Michigan water inside DuPage County
- The Commission purchases finished water from the City of Chicago and wholesales it to the communities located inside DuPage County
- DuPage Pumping Station has a capacity of 185 MGD
- Average Day Demand is 87 MGD
- Responsible for water to 750,000 people
# Historical Record Pumpage

<table>
<thead>
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<th>Lexington Pump Station</th>
<th>DuPage Pump Station</th>
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<td><strong>Date</strong></td>
<td><strong>Flow Rate MGD</strong></td>
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Distribution System Information

- General Information
  - 202 miles of pipelines ranging in size from 12” to 90”
  - Pipeline materials
    - Prestressed Concrete Cylinder Pipe (PCCP)
    - Ductile Iron
    - Steel Pipe
  - Facilities
    - Main Line Valves - 249
    - Blow Off – 374
    - Air Release Valves – 617
Large Diameter Water Main Installation
Three Types of Water Main Installation
Remote Facilities Information

- Remote Facilities
  - 78 Metering Station
  - 34 Remotely Operated Valves
  - 5 Standpipes
  - 1 Remote Pump Station
  - 6 Cathodic Protection Rectifiers

- Meter Testing Program
  - 249 Meters are tested annually on site
Typical Meter Station
Typical Meter Station
Typical Remotely Operated Valve (ROV) Control Cabinet
Water Stand Pipe
Typical Tank Site (TS3)
Tank Site 1 Pump station