



Engineering Ltd.

WATER CONTROL STRUCTURE GATES

Water control structure gates are used in irrigation, drainage and natural waterway systems to manipulate the flow of water within the system. These gates can manage and modify the direction or rate of flow of water and/or maintain a desired water surface elevation.

MPE Engineering Ltd. has been at the forefront of large water control structure gate design since the early 1980s. In particular, the drop leaf gate has been widely adopted as the most effective gate for water level control.

As a result of these gate designs developed for locations throughout Western Canada, MPE has developed in-house capabilities in the design of gate control SCADA and Automation systems.

Our services include the following:

- ◆ Drop Leaf Gate Design
- ◆ Radial Gates
- ◆ Vertical Roller Gates
- ◆ Downward Opening Weir Gates
- ◆ PLC-based SCADA and Automation
- ◆ Solar-powered Hoists and Automation

