



Jordan Aqueduct Reach No. 3
DESIGN CAPACITY:
 120 CFS (78 MGD)
FACILITIES:
 (1) 48-inch Pipe

Little Dell Dam
DESIGN CAPACITY:
 20,500 AC-FT
FACILITIES:
 (1) 224-foot High Dam
 (2) Outlet Spillway

Terminal Reservoir
DESIGN CAPACITY:
 40 MG
FACILITIES:
 (1) Two 20 MG Concrete Reservoirs

Jordanelle Reservoir
DESIGN CAPACITY:
 360,400 AC-FT
 314,006 AC-FT Active Pool
 3,026 AC-FT Dead Pool
 Normal year yield to MWDLS is 20,000 AC-FT
FACILITIES:
 (1) Dam
 (2) Land Around Reservoir
 (3) Outlet Works and Spillway
RECREATION USE:
 Managed by Utah State Parks & Recreation
OUTLET WORKS CAPACITY:
 2,300 CFS
SPILLWAY CAPACITY:
 5,510 CFS
 Bureau of Reclamation Facility (Central Utah Project)
 Operated by Central Utah Water Conservancy District

Salt Lake Aqueduct
DESIGN CAPACITY:
 175 CFS (113 MGD)
FACILITIES:
 (1) 69-inch Concrete Pipe
 (2) Alpine Tunnel
 (3) Various Welded Steel Siphons
 (4) 42 Miles Total Length
 (5) 33 Miles Untreated Water
 (6) 9 Miles Treated Water

Terminal Reservoir
DESIGN CAPACITY:
 100 MG
FACILITIES:
 2/7 MWDLS 28.6 MG

Little Cottonwood Water Treatment Plant
DESIGN CAPACITY:
 143 MGD

Jordan Aqueduct Reach No. 2
DESIGN CAPACITY:
 270 CFS (175 MGD)
FACILITIES:
 (1) 78-inch Pipe

15000 South Pipeline
DESIGN CAPACITY:
 33 MGD (Gravity)
 84 MGD (POMA Sleeve Valves)
 50% MWDLS

Point of the Mountain Aqueduct (Untreated Water)
DESIGN CAPACITY:
 151 MGD
FACILITIES:
 (1) 84-inch Pipe
 (2) 2.5 Miles in Length

Jordan Valley Water Treatment Plant
DESIGN CAPACITY:
 180 MGD
 2/7 MWDLS 51 MGD

Jordan Aqueduct Reach No. 1
DESIGN CAPACITY:
 270 CFS (175 MGD)
FACILITIES:
 (1) 78-inch Pipe

Point of the Mountain Aqueduct (Treated Water)
DESIGN CAPACITY:
 North to South (Gravity) - 100 MGD
 South to North (Pumped) - 80 MGD
FACILITIES:
 (1) 60-inch Welded Steel Pipe
 (2) 12 Miles in Length

Deer Creek Dam & Reservoir
DESIGN CAPACITY:
 162,564 AC-FT
 149,700 AC-FT Active Pool
 2,864 AC-FT Dead Pool
 49,700 AC-FT Carry Over
 100,000 Association Shares
 Normal year yield to MWDLS is 61,700 AC-FT
FACILITIES:
 (1) Dam
 (2) Land Around Reservoir
 (3) Outlet Works and Spillway
 (4) Salt Lake Aqueduct Intake (MWDLS Facility)
RECREATION USE:
 Managed by Utah State Parks & Recreation
OUTLET WORKS CAPACITY:
 2 Tube Valves
SPILLWAY CAPACITY:
 12,000 CFS
 Bureau of Reclamation Facility (Provo River Project)
 Operated by Provo River Water Users Association

Point of the Mountain Water Treatment Plant
DESIGN CAPACITY:
 70 MGD

Jordan Aqueduct Reach No.
DESIGN CAPACITY:
 270 CFS (175 MGD)
FACILITIES:
 (1) 72-inch & 66-inch Welded Steel Pipe

Deer Creek Powerhouse
DESIGN CAPACITY:
 5 MW
FACILITIES:
 (1) 2-2,475 kW Generators

Utah Lake Pump Station
DESIGN CAPACITY:
 769 CFS Total
 135 CFS MWDLS (17.6%)
FACILITIES:
 (1) 4 Vertical Propeller Pumps @ 200 CFS Each
 (2) 1400 HP Total

Provo River Aqueduct
DESIGN CAPACITY:
 626 CFS Maximum
 187 CFS MWDLS
FACILITIES:
 (1) 21.5 miles of 126-inch and 120-inch diameter welded steel pipe

Murdock Diversion
DESIGN CAPACITY:
 550 CFS
FACILITIES:
 (1) Diversion Dam

MWDLS SERVICE AREA

Facilities

- 1 DEER CREEK DAM
- 2 MURDOCK DIVERSION
- 3 OLMSTED TUNNEL & SIPHON
- 4 POINT OF THE MOUNTAIN AQUEDUCT UNTREATED WATER INTAKE
- 5 JORDAN NARROWS INTAKE & SIPHON
- 6 JORDAN NARROWS TURBINE & PUMPING PLANT
- 7 ALPINE DRAPER TUNNEL (Salt Lake Aqueduct)
- 8 MURRAY POWER PLANT INTAKE
- 9 LITTLE COTTONWOOD & BELL CANYON CREEK INTAKE
- 10 LITTLE COTTONWOOD WATER TREATMENT PLANT
- 11 10 MG RESERVOIR
- 12 TERMINAL RESERVOIR
- 13 POINT OF THE MOUNTAIN WATER TREATMENT PLANT
- 14 OLMSTED DIVERSION
- 15 JORDAN VALLEY WATER TREATMENT PLANT
- 16 100 MG TERMINAL RESERVOIR
- 17 LITTLE DELL RESERVOIR
- 18 UTAH LAKE PUMP STATION

SYSTEM FACILITIES
 Metropolitan Water District
 of Salt Lake & Sandy