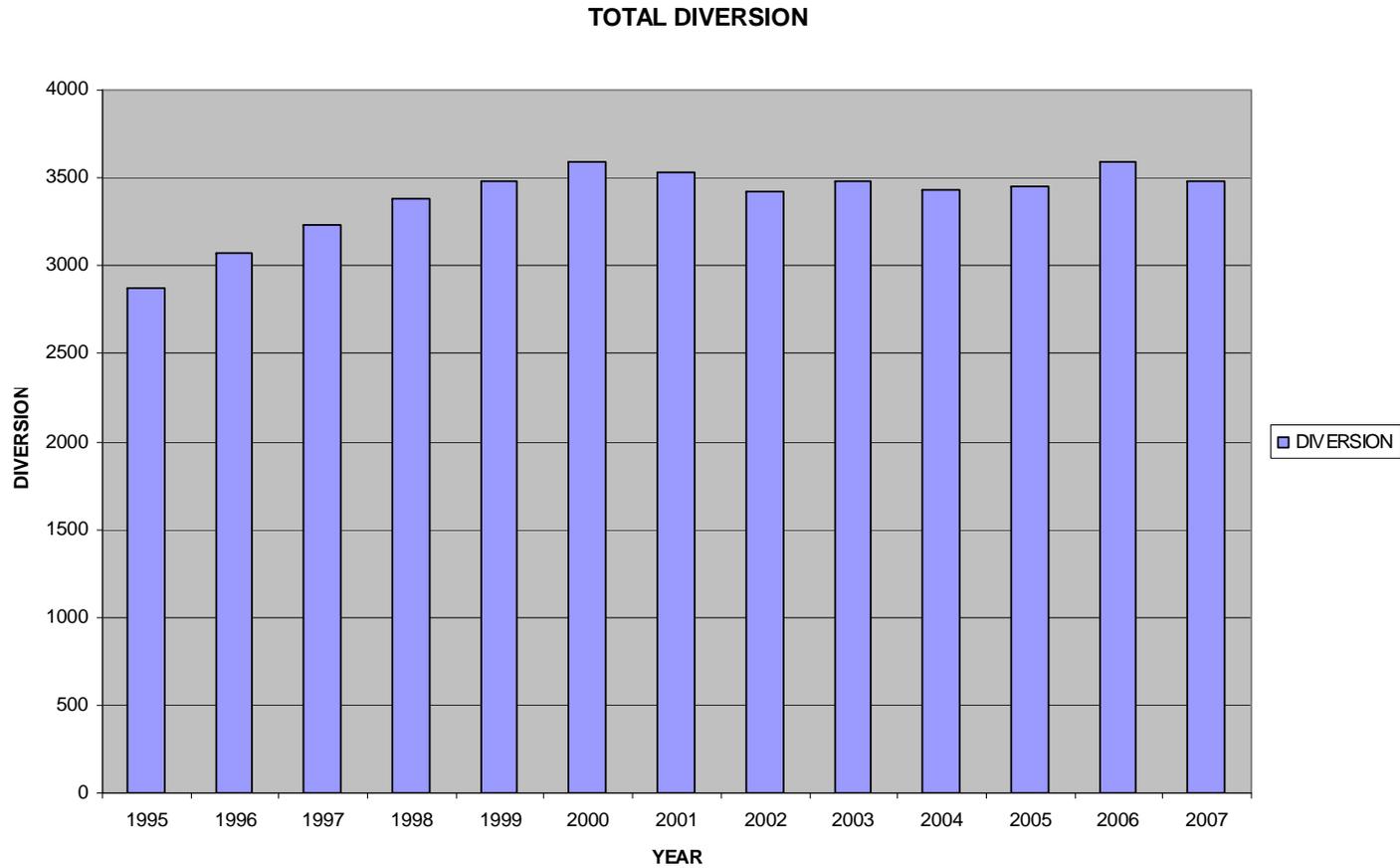


MOAPA VALLEY WATER DISTRICT

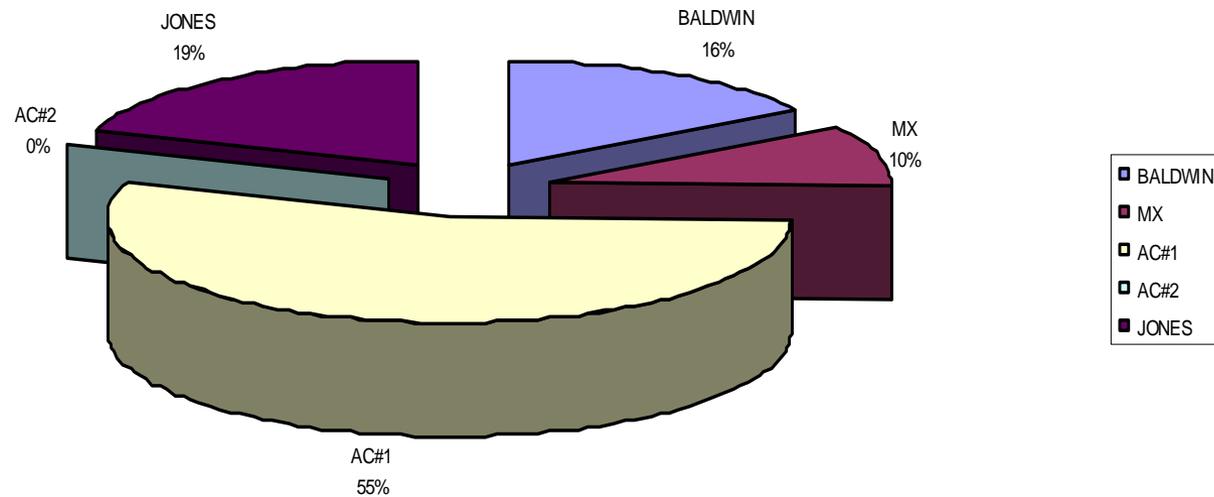
FACILITIES OPERATIONS
FOR
ORDER NO. 1169 STUDY

HISTORICAL DIVERSIONS



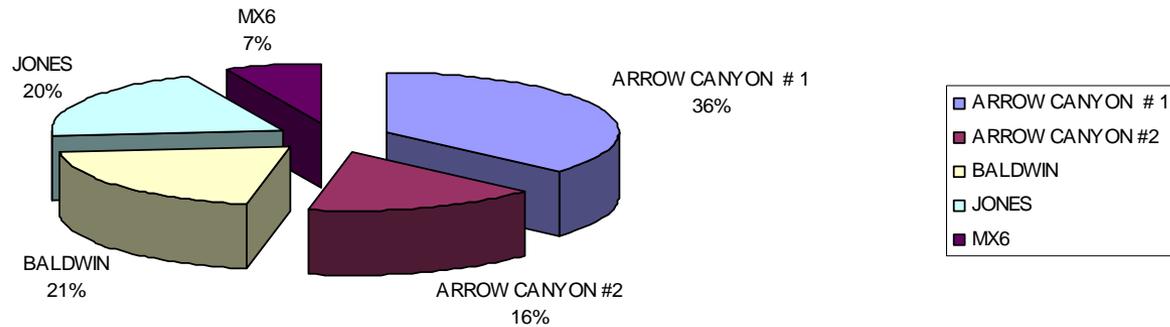
2006 WATER PRODUCTION

2006 WATER PRODUCTION



2007 WATER PRODUCTION

TOTAL WATER DIVERSION



INFRASTRUCTURE MODIFICATIONS

- INSTALLATION OF THE BOWMAN RESERVOIR DISCHARGE LINE
- INSTALLATION OF INTERMEDIATE BOOSTER STATION

BOWMAN RESERVOIR DISCHARGE LINE

- INSTALLATION OF 2500 LF OF 24" PIPE
- INSTALLATION OF A DECHLORINATION FACILITY (UTILIZES CALCIUM THIOSULFATE INJECTION)
- ESTIMATED COMPLETION DATE OF AUGUST 1, 2009
- DISCHARGES WATER FROM THE AQUIFER TEST TO BOWMAN RESERVOIR

INTERMEDIATE BOOSTER STATION

- INSTALLATION OF A WATER BOOSTER STATION THAT WILL ACCOMMODATE THE COMBINATION OF THE FLOWS FROM THE 1169 AQUIFER TEST AND THE DEMANDS OF THE MVWD SERVICE AREA
- COMPLETION DATE OF OCTOBER 1, 2009

CHANGES IN MVWD'S WATER PRODUCTION OPERATIONS

- MVWD WILL BE STARTING UP NEW ARSENIC TREATMENT PLANTS AT BALDWIN SPRINGS AND AT THE ARROW CANYON COMPLEX
- GIM TECHNOLOGY IS THE TREATMENT PROCESS
- GIM REQUIRES CONTINUOUS FLOW THROUGH THE TREATMENT VESSELS

SUMMARY

- MVWD'S INFRASTRUCTURE WILL HAVE THE CAPABILITY TO CONVEY THE FLOWS OF BOTH SERVICE AREA DEMANDS AND 1169 AQUIFER TEST FLOWS
- MVWD WILL PRODUCE SUFFICIENT WATERS FROM THE SOURCES TO MEET THE SERVICE AREA DEMANDS
- VOLUMES PRODUCED FROM THE SOURCES WILL BE MODIFIED TO ACCOMMODATE THE NEW ARSENIC TREATMENT FACILITIES

QUESTIONS ???