

**APPENDIX A**  
**EXISTING WATER PUMPING CAPACITIES**

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### **North Holly Plant:**

Four 27 MGD and two 15 MGD electrically driven centrifugal units. Total pumping capacity 138 MGD. The total measured capacity of the pump station is 90 MGD due to piping restrictions.

### **South Holly Plant:**

Four 30 MGD and one 15 MGD electrically driven centrifugal units. Total pumping capacity 135 MGD.

### **Rolling Hills Plant:**

#### HSPS #1:

Seven 30 MGD, one 22 MGD, one 17 MGD, and one 10 MGD electrically driven centrifugal units. Total pumping capacity of 259 MGD.

#### HSPS #2:

Two vertical turbines 30 MGD and two 20 MGD vertical turbines. Total pumping capacity of 100 MGD.

### **Eagle Mountain Plant:**

#### HSPS #1:

Four 21.7 MGD, two 15 MGD, three 3.6 MGD, and two 8.6 MGD. Total pumping capacity of 144.8

#### HSPS #2:

Three 22 MGD and two 3 MGD. Total pumping capacity of 72 MGD.

### **Westside Plant:**

Two 9.8 MGD and two 6.3 MGD vertical turbines. Total Pumping Capacity 32.2 MGD.

### **Southside II Pressure Plane:**

#### Edwards Ranch Station:

Two 16 MGD and one 10 MGD electrically driven centrifugal units, as well as one 5 MGD emergency generator pump. Total pumping capacity 47 MGD.

#### South Side Reservoir Station:

Two 5.7 MGD electrically driven centrifugal units. Total pumping capacity 11.4 MGD.

### **Southside III Pressure Plane:**

#### Russom Ranch Station:

One 6 MGD and one 5 MGD electrically driven centrifugal units, as well as one 10 MGD electric and gas unit. Total pumping capacity 21 MGD.

#### Alta Mesa Station:

Two 10 MGD, one 9.4 MGD, and one 5 MGD electrically driven centrifugal units, as well as one 5 MGD emergency generator pump. Total pumping capacity 39.4 MGD.

#### McCart Station:

Two 10.5 MGD, one 10 MGD, and one 4.6 MGD electrically driven centrifugal units. Total pumping capacity 35.6 MGD.

## **Northside II Pressure Plane:**

### North Side Station:

Two 5.7 MGD and one 3.4 MGD electrically driven centrifugal units, and one 4.5 MGD gas driven unit. Total pumping capacity 19.3 MGD.

### Cantrell-Sansom Station:

One 5 MGD, one 3 MGD, and one 2 MGD electrically driven centrifugal units. Total pumping capacity 10 MGD.

### North Beach Station:

One 2 MGD electrically driven centrifugal unit. Total pumping capacity 2 MGD.

### North Side Station (NEW):

Two 18.3 MGD, two 12.9 MGD, and one 11.9 MGD electrically driven centrifugal units. Total pumping capacity 74.3 MGD.

## **Northside III Pressure Plane:**

### Jenkins Heights Station:

One 2 MGD, one 3.9 MGD and one 3.4 MGD electrically driven centrifugal units. Total pumping capacity 9.3 MGD.

### North Beach Station:

Two 4 MGD electrically driven centrifugal units. Total pumping capacity 8 MGD.

### Sendera Ranch Station:

One 5.8 MGD and three 10.1 MGD electrically driven centrifugal units. Total pumping capacity 36.1 MGD.

## **Northside IV Pressure Plane:**

### Lago Vista Station:

Two .25 MGD and two .5 MGD electrically driven centrifugal units. Total pumping capacity 1.5 MGD.

### Sendera Ranch Station:

Three 10.1 MGD and one 5.8 MGD electrically driven centrifugal units. Totally pumping capacity 36.1 MGD.

## **Westside II Pressure Plane:**

### West Side Station:

One 12 MGD, one 6.3 MGD and two 5 MGD electrically driven centrifugal units, and one 7 MGD gas driven standby unit. Total pumping capacity 35.3 MGD.

### Como Station:

Three 15 MGD, one 10 MGD electrically driven centrifugal units, and one 5.8 MGD emergency generator. Total pumping capacity 60.8 MGD.

## **Westside III Pressure Plane:**

### Stagecoach Road Station:

Two 8 MGD and two 5 MGD electrically driven centrifugal units, as well as one 5 MGD emergency generator. Total pumping capacity 31 MGD.

**Westside IV Pressure Plane:**

Westland Pump Station:

Two 3 MGD and two 5 MGD electrically driven centrifugal units. Total pumping capacity 16 MGD.

**Eastside II Pressure Plane:**

East Side Station:

One 22 MGD, one 17 MGD and three 10 MGD electrically driven centrifugal units and one 7 MGD gas driven standby unit. Total pumping capacity 76 MGD.

Randol Mill Station:

One 10 MGD and two 5 MGD electrically driven centrifugal units. Total pumping capacity 20 MGD.

Fleetwood Station:

One 3 MGD and three 2 MGD electrically driven centrifugal units. Total pumping capacity 9 MGD.