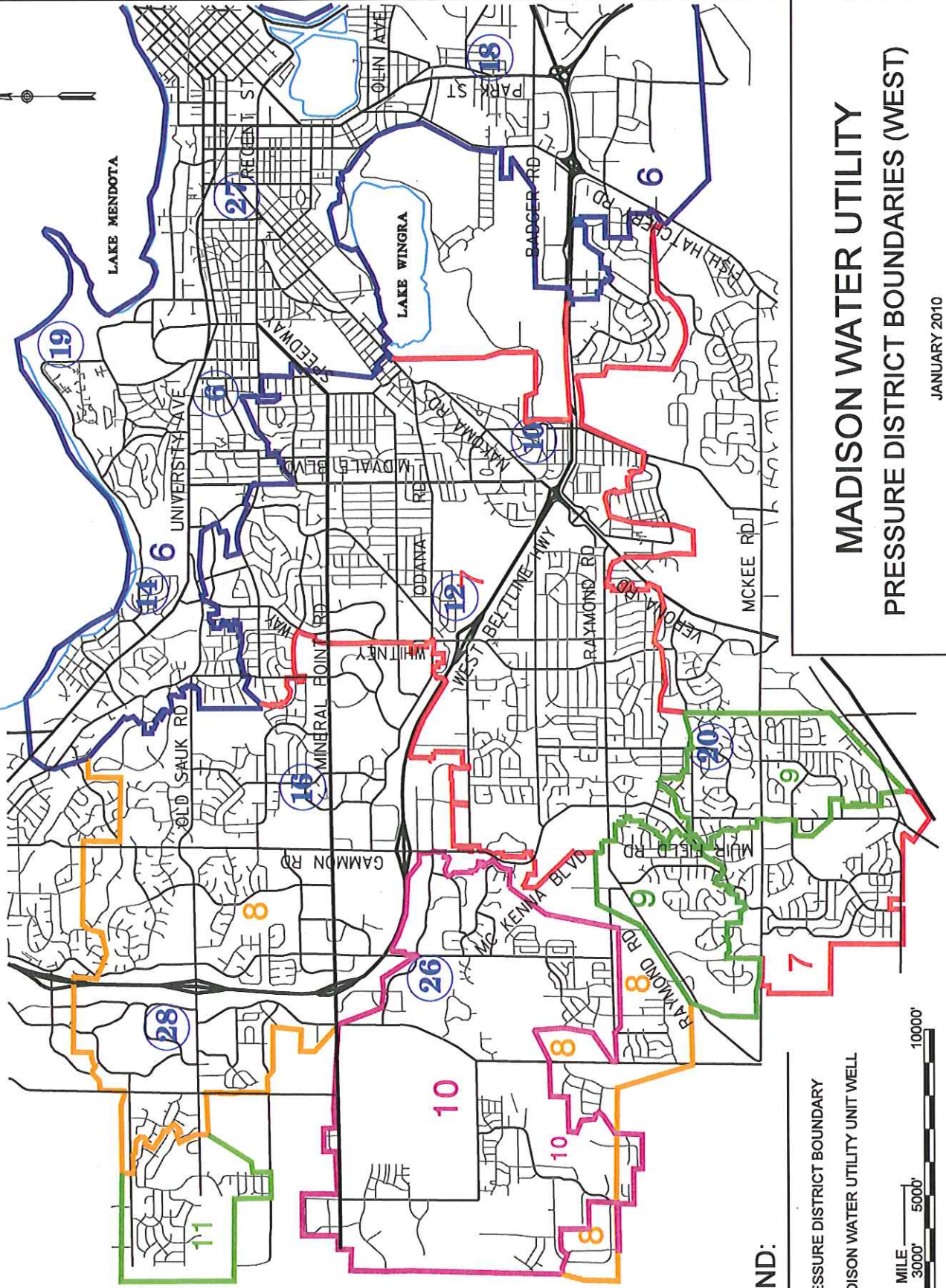


**EXHIBIT A**

**AERIAL PHOTOGRAPH AND SYSTEM FACILITIES MAP**

# City of Madison



## LEGEND:

 PRESSURE DISTRICT BOUNDARY

 MADISON WATER UTILITY UNIT WELL



## MADISON WATER UTILITY PRESSURE DISTRICT BOUNDARIES (WEST)

JANUARY 2010



**EXHIBIT B**

**PRESSURE ZONE DEMANDS &  
WELL RUN TIMES**

Average Day

Service Zone	7	8
Current Well Capacity, mgd	9.5	9.5
Current Well Capacity, mgd (One well out of service)	6.3	6.3
2005 Average Day Demand, mgd	4.5	3.1
2010 Average Day Demand, mgd	4.5	3.6
2015 Average Day Demand, mgd	4.5	4.1
2020 Average Day Demand, mgd	4.6	4.6
2025 Average Day Demand, mgd	4.7	5.2
Buildout	4.8	7.6

Average Day Demands Adjusted For Conservation Goals

Service Zone	7	8
Current Well Capacity, mgd	9.5	9.5
Current Well Capacity, mgd (One well out of service)	6.3	6.3
2005 Average Day Demand, mgd	4.5	3.1
2010 Average Day Demand, mgd	4.5	3.6
2015 Average Day Demand, mgd	4.3	3.9
2020 Average Day Demand, mgd	4.2	4.2
2025 Average Day Demand, mgd	4.3	4.8
Buildout	4.4	7.0

Maximum Day Demands

Service Zone	7	8
Current Well Capacity, mgd	9.5	9.5
Current Well Capacity, mgd (One well out of service)	6.3	6.3
2005 Max Day Demand, mgd	9.6	6.97
2010 Max Day Demand, mgd	9.72	7.83
2015 Max Day Demand, mgd	9.73	8.81
2020 Max Day Demand, mgd	9.84	9.91
2025 Max Day Demand, mgd	9.95	10.93
Buildout	10.21	14.97

Maximum Day Demands Adjusted For Conservation Goals

Service Zone	7	8
Current Well Capacity, mgd	9.5	9.5
Current Well Capacity, mgd (One well out of service)	6.3	6.3
2005 Max Day Demand, mgd	9.6	6.97
2010 Max Day Demand, mgd	9.72	7.83
2015 Max Day Demand, mgd	9.34	8.46
2020 Max Day Demand, mgd	9.05	9.12
2025 Max Day Demand, mgd	9.15	10.06
Buildout	9.39	13.77

## PRESSURE ZONES 7 & 8 UNIT WELL AND BOOSTER STATION RUN TIMES

### Maximum Day 6/24/2005

#### Zone 7

Well 12	24 hrs
Well 20	24 hrs
Booster Station 106	21 hrs

#### Zone 8

Well 16	23.8 hrs
Well 26	24 hrs
Well 28	24 hrs

### Maximum Month July 2005

#### Zone 7

Well 12	21.7 hrs
Well 20	18.0 hrs
Booster Station 106	8.5 hrs

#### Zone 8

Well 16	12.7 hrs
Well 26	20.3 hrs
Well 28	20.8 hrs

### Average Day 2005

#### Zone 7

Well 12	19.2 hrs
Well 20	15.6 hrs
Booster Station 106	2.0 hrs

#### Zone 8

Well 16	5.0 hrs
Well 26	16.6 hrs
Well 28	19.0 hrs

**EXHIBIT C**

**PHOTOS OF UNIT WELLS 28, 29, & 30**

