Figure 3-1
Modeled 5, 50, 100 Year
Time of Travel ZOC
Full Design Capacity Pumping Rate
(2200 GPM)
Wellhead Protection Plan
Unit Well 31

5 YEAR CAPTURE ZONE
50 YEAR CAPTURE ZONE
100 YEAR CAPTURE ZONE
CITY OF MADISON (LIMITS)

1 inch = 1,500 feet

MADISON, WISCONSIN
12/5/2016
Figure 3-2
Modeled 5, 50, 100 Year Time of Travel ZOC
Maximum Sustained Pumping Rate (1100 GPM)

Wellhead Protection Plan
Unit Well 31

- 5 YEAR CAPTURE ZONE
- 50 YEAR CAPTURE ZONE
- 100 YEAR CAPTURE ZONE
- CITY OF MADISON (LIMITS)

1 inch = 1,500 feet

MADISON, WISCONSIN 12/5/2016
Figure 3-3
Modeled 5, 50, 100 Year
Projected Annual Pumping Rate
(1600 GPM)

Wellhead Protection Plan
Unit Well 31

Legend:
- 5 YEAR CAPTURE ZONE
- 50 YEAR CAPTURE ZONE
- 100 YEAR CAPTURE ZONE
- CITY OF MADISON (LIMITS)

Lake Waubesa

100 YEAR CAPTURE ZONE
50 YEAR CAPTURE ZONE
5 YEAR CAPTURE ZONE

1 inch = 1,500 feet

MADISON, WISCONSIN
12/5/2016