



# No-Wake Permanent Ordinance

HIGH LAKE WATER LEVELS

FEB 27, 2020 WMOAC

# Background

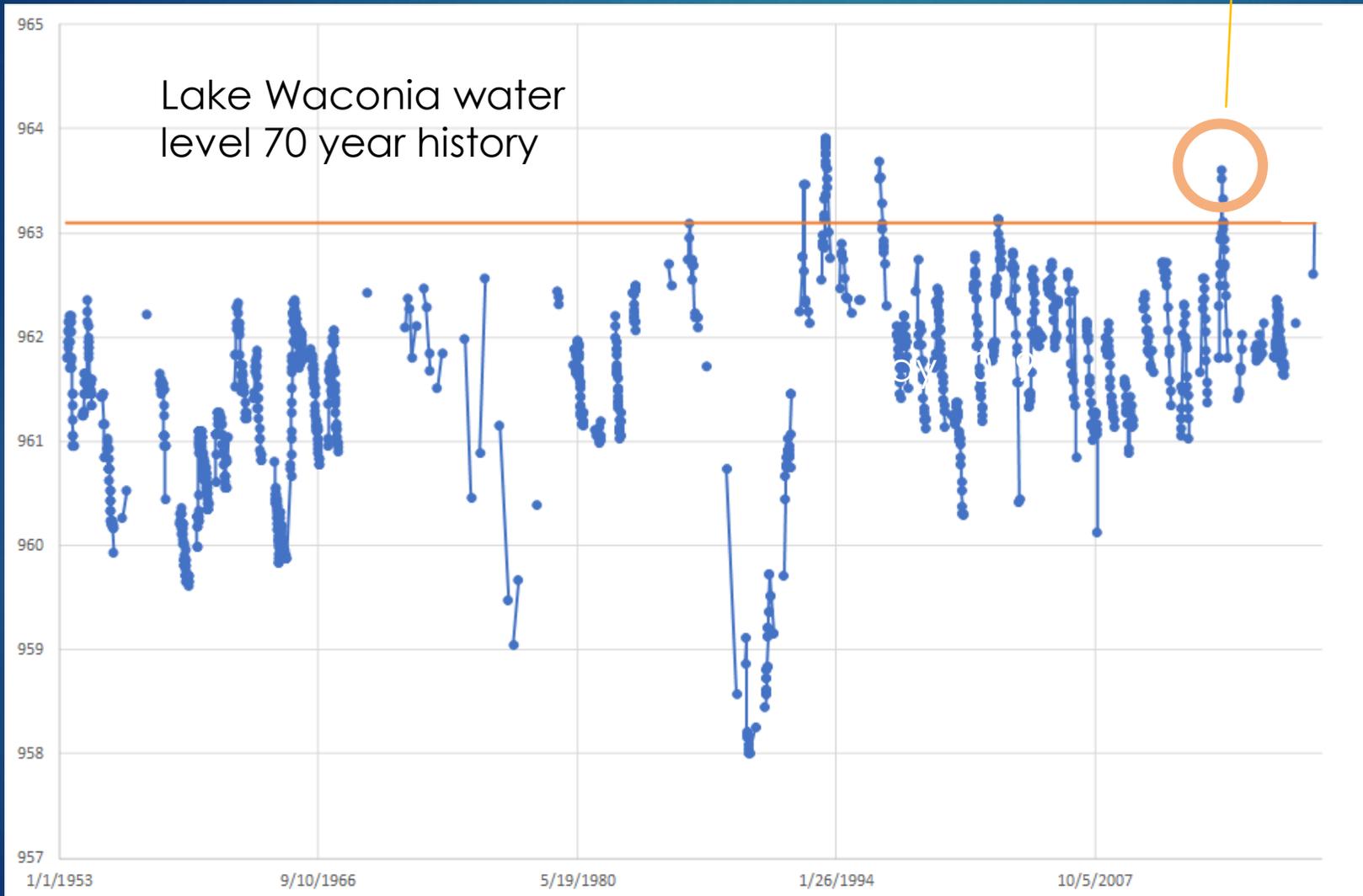
- ▶ 2014 Established temporary no-wake on Lake Waconia, Lake Bavaria & Reitz Lake
- ▶ 2019 Established temporary no-wake zones on Lake Waconia (600 ft from shore), Lake Bavaria & Reitz Lake
- ▶ Temporary Ordinances for 30 days
- ▶ Board directed staff to prepare a permanent ordinance

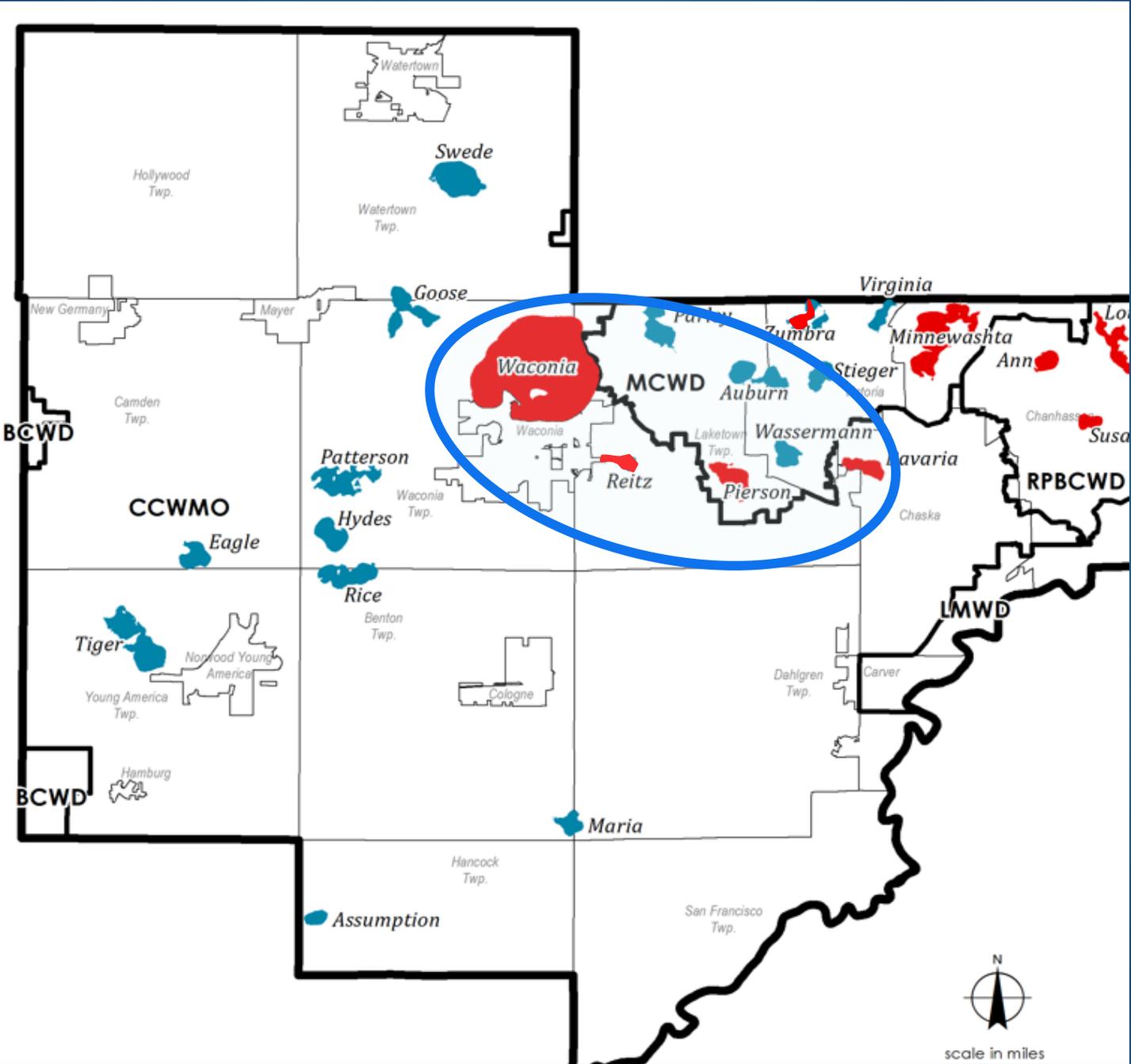
# Background – Higher Precip

- ▶ 2019 – 2<sup>nd</sup> wettest on record
- ▶ Numerous other records set in last 5-10 year period

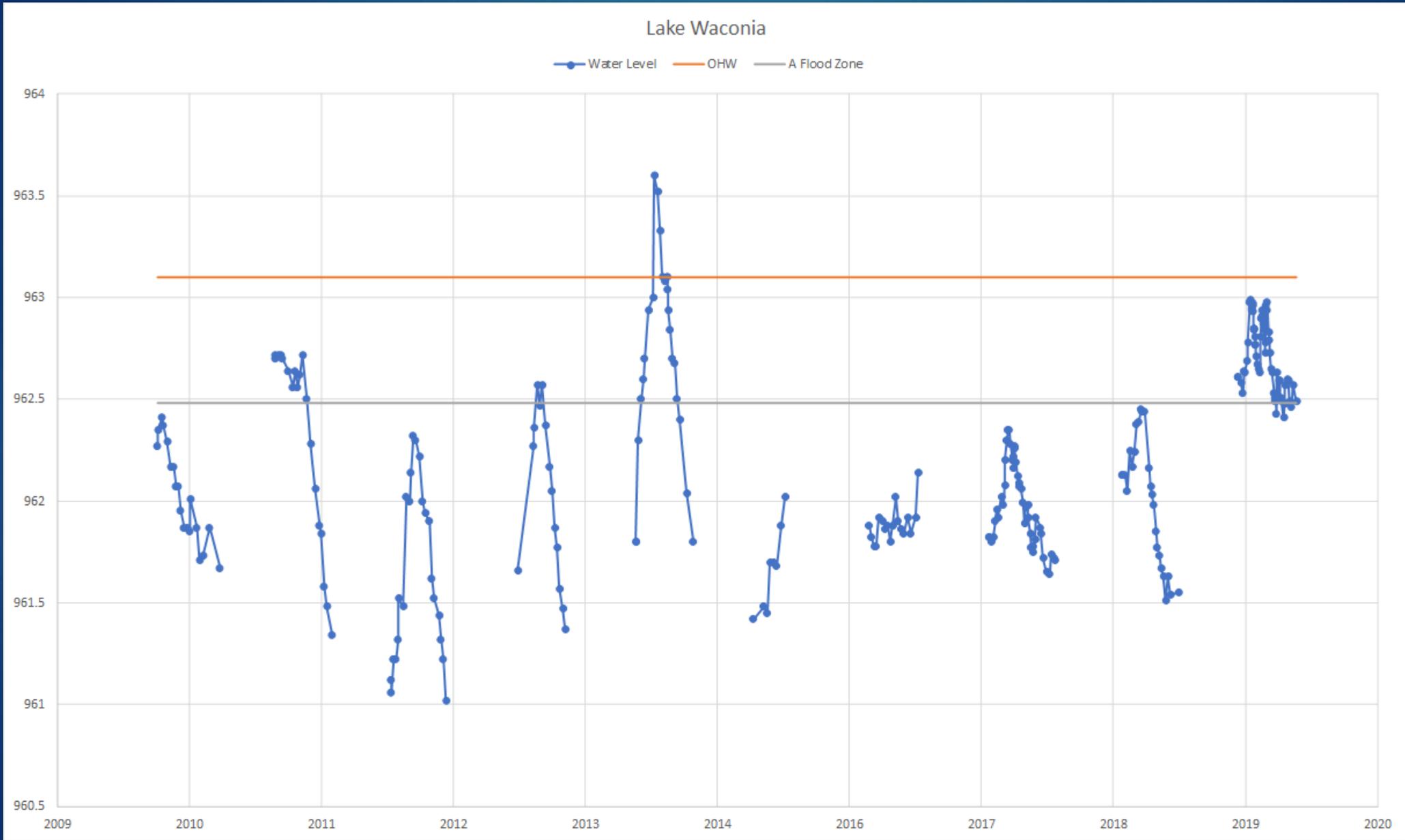
# Higher Lake Levels

July 2014

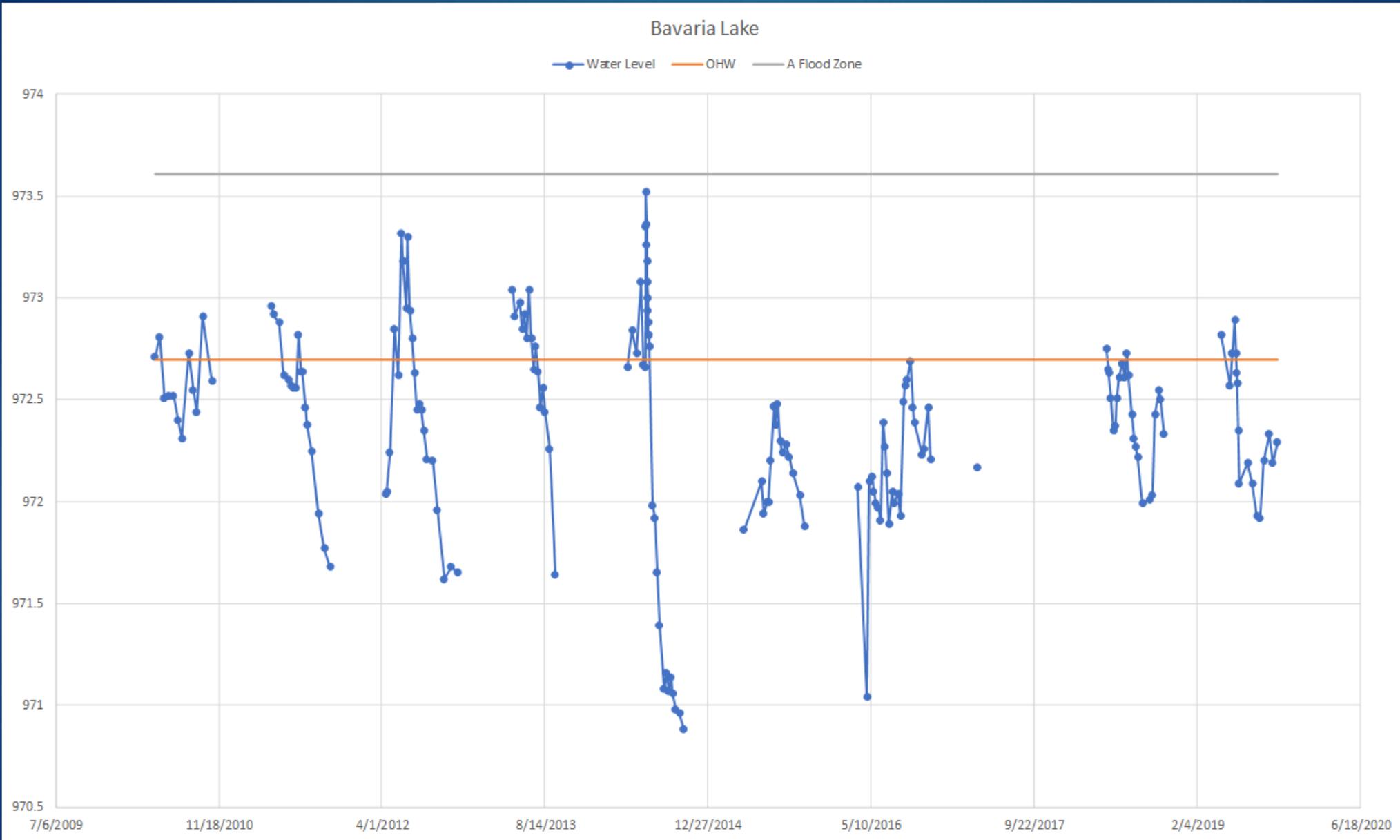




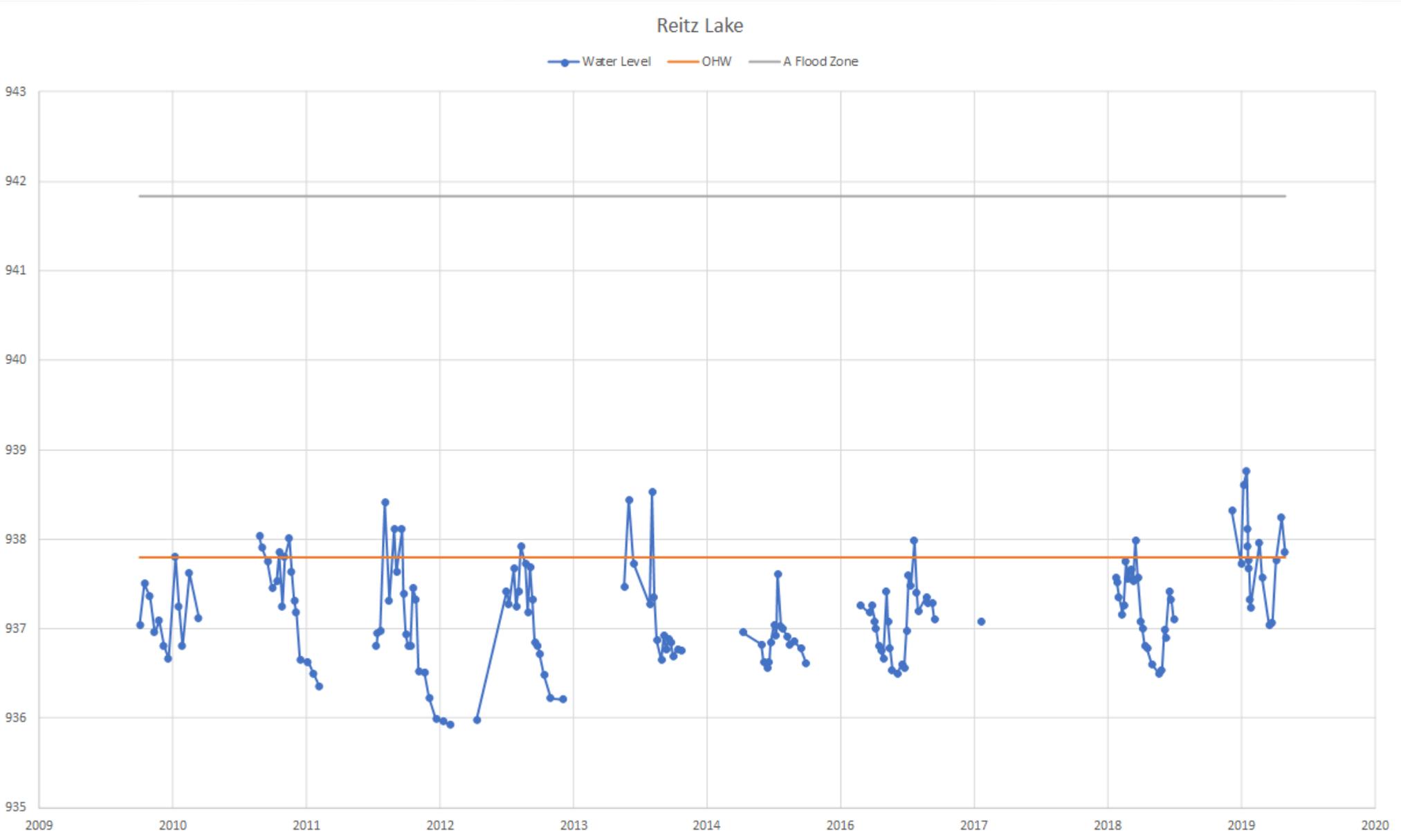
# Lake Waconia – 10 year



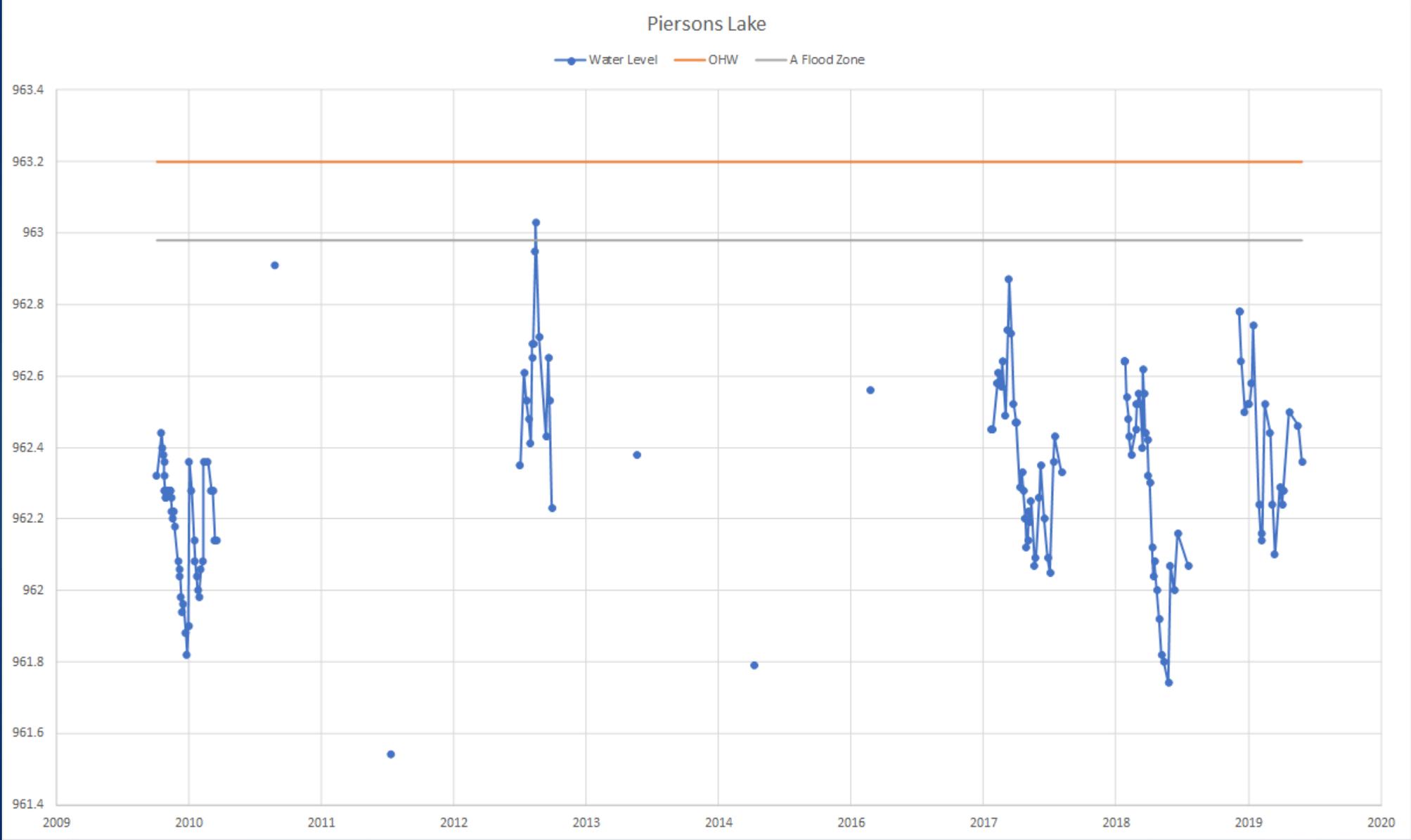
# Lake Bavaria



# Reitz Lake



# Pierson Lake



# Lake Elevations

Lake	OHW (Elev ft)	OHW % Exceedance	Highest Reading	2014 High	2019 High
Waconia	963.1	2.31%	963.91	963.6	963
Reitz	937.8	7.11%	938.97	938.53	938.76
Bavaria	972.7	15.12%	973.52	973.52	972.89
Piersons	963.2	0.00%	963.14	NA	NA

# Pierson's Lake

Lake	OHW	OHW % Exceedance	FEMA (Elev Ft)	FEMA % Exceedance	Highest Reading	2014 High	2019 High
Waconia	963.1	2.31%	962.92	3.40%	963.91	963.6	963
Reitz	937.8	7.11%	941.83	0.00%	938.97	938.53	938.76
Bavaria	972.7	15.12%	973.61	0.00%	973.52	973.52	972.89
Piersons	963.2	0.00%	962.98	1.09%	963.14	NA (1 reading)	NA (1 reading)

# Proposed Permanent Ordinance

- ▶ Similar to 2014 & 2019 Temporary Ordinances
- ▶ Establishes no-wake zones on Lake Waconia, Lake Bavaria, Reitz Lake, and Piersons Lake
  - ▶ Possible 2-stage zone on Waconia (distance from shore & entire lake)
- ▶ Triggered by OHW elevations or FEMA elev if lower
- ▶ Lake elevations monitored by PWM staff
- ▶ Authority delegated to County Administrator (or designee)
- ▶ Enforced by Sheriffs Dept.

# Lakes not included

- ▶ Chanhassen Lakes
  - governed by City Ordinance
- ▶ Victoria Lakes
  - governed by City Ordinance
  - Except Wassermann Lake - no past requests
- ▶ Other Lakes in County
  - no past requests
  - lower use

# What are other organizations doing?

- ▶ City of Chanhassen
  - ▶ Lotus Lake & Lake Susan – Existing Ordinance
  - ▶ Lake Minnewashta – updating ordinance to include
- ▶ City of Chaska
  - ▶ No current Ordinance
- ▶ City of Waconia
  - ▶ No current Ordinance
- ▶ City of Victoria
  - ▶ Lake Zumbra – Existing Ordinance

# Process for Establishing Ordinance

- ▶ Per MN statute, DNR governs process
- ▶ Staff - Draft Ordinance Language
- ▶ Advertise to affected lakes
- ▶ Board Public Hearing
- ▶ Coordinate with Cities
- ▶ DNR review and approval (up to 120 days)
- ▶ Ordinance goes into effect

# Discussion

- ▶ Proceed with Draft Permanent Ordinance
- ▶ Include Lakes Waconia, Reitz, Bavaria & Piersons
- ▶ Use OHW and FEMA elevations
- ▶ Establish 2 different triggers on Waconia
  - ▶ No-wake distance from shore
  - ▶ No-wake on entire lake at higher elevation