

FIELD DATA - Measurements taken on site, 2018**Clear Lake - Lyon County****Lake ID - 42-0055-00-201** **2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)**

Date	CDT Time	Temp ©	DO mg/L	pH	Conductivity uS/cm	Secchi Disk Feet	Physical Condition	Recreational Suitability	Color of Water
5/16/2018	10:00	18.0	15.46	9.17	514	1.00	3	3	Greenish Brown
6/15/2018	9:45	22.7	6.19	8.55	519	1.50	2	2	Greenish Brown
7/26/2018	9:15	24.3	4.78		510	1.50	3	3	Light green
8/30/2018	9:30	20.7	6.38		519	1.00	2	2	Light green
9/27/2018	10:00	15.0	8.65		590	2.00	2	2	Grey/green

FIELD DATA - Measurements taken on site, 2018**Lake Laura - Redwood County****Lake ID - 64-0150-00-201** **2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)**

Date	CDT Time	Temp ©	DO mg/L	pH	Conductivity uS/cm	Secchi Disk Feet	Physical Condition	Recreational Suitability	Color of Water
5/16/2018	11:00	19.2	16.27	8.49	1336	3.00	2	2	Light green
6/15/2018	11:10	22.9	8.02	8.62	1374	3.00	2	2	Light green
7/26/2018	10:30	21.2	10.14		1127	2.00	2	2	Brown/green
8/30/2018	11:00	21.2	9.44		1315	2.00	2	2	Light green
9/27/2018	11:20	14.9	6.46		789	3.00	2	2	Brown/grey

FIELD DATA - Measurements taken on site, 2018

Double Lake, North - Cottonwood County

Lake ID - 17-0056-01-101 **2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)**

Date	CDT Time	Temp ©	DO mg/L	pH	Conductivity uS/cm	Secchi Disk Feet	Physical Condition	Recreational Suitability	Color of Water
5/16/2018	12:10	18.3	8.51	8.71	535	7.00	1	1	Clear w/slight greenish tint
6/15/2018	12:10	23.5	7.85	8.81	538	3.50	2	2	Brownish - green
7/26/2018	11:30	24.0	7.14		491	1.50	3	3	Green
8/15/2018	12:25	27.6	8.85		395	3.00	4	5	Green
8/30/2018	12:00	20.9	8.91		422	3.00	4	4	clear w/green algae
9/27/2018	12:15	14.9	9.20		510	2.00	3	4	Green

FIELD DATA - Measurements taken on site, 2018

Wellner-Hageman Reservoir - Brown County

Lake ID - 08-0129-00-201 **2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)**

Date	CDT Time	Temp ©	DO mg/L	pH	Conductivity uS/cm	Secchi Disk Feet	Physical Condition	Recreational Suitability	Color of Water
5/16/2018	13:20	19.3	18.19	8.80	523	6.00	2	2	Light green
6/15/2018	13:10	21.7	7.87	8.42	604	3.50	2	2	brown-grey
7/26/2018	12:40	22.8	12.80		598	4.00	2	2	brown
8/30/2018	13:20	22.2	6.75		610	12.00	1	1	Clear - blue/green tint
9/27/2018	13:15	15.8	7.51		675	3.00	3	3	Green/brown

FIELD DATA - Measurements taken on site, 2018

Sleepy Eye Lake - Brown County

Lake ID - 08-0045-00-203 **2018 Wateryear (Oct 1, 2017 to Sept. 30, 2018)**

Date	CDT Time	Temp ©	DO mg/L	pH	Conductivity uS/cm	Secchi Disk Feet	Physical Condition	Recreational Suitability	Color of Water
5/16/2018	15:10	21.7	10.70	8.73	473	5.00	2	2	Light green
6/15/2018	14:45	24.2	9.44	9.03	450	5.00	2	2	green-brown
7/26/2018	13:40	24.3	7.28		437	3.50	2	2	green-brown
9/6/2018	12:05	22.4	7.62		417	1.50	2	2	green
9/27/2018	14:50	16.8	8.55		476	4.50	2	2	Brown-grey

Physical Condition

- 1 = Crystal clear water
- 2 = Not quite crystal clear - a little algae present/visible
- 3 = Definite algae green, yellow, or brown color apparent
- 4 = High algae levels with limited clarity and/or mild odor apparent
- 5 = Severely high algae levels with one or more of the following:
 - Massive floating scums on the lake or washed up on shore
 - Strong, foul odor
 - Fish kill (note number and types of fish)

Recreational Suitability

- 1 = Beautiful, could NOT be better
- 2 = Very minor aesthetic problems; excellent for swimming, boating
- 3 = Swimming and aesthetic enjoyment slightly impaired because of algae levels
- 4 = Desire to swim and level of enjoyment of the lake substantially reduced because of algae levels (i.e. would not swim but boating is okay)
- 5 = Swimming and aesthetic enjoyment of the lake nearly impossible because of algae levels.