

SHORT REPORT ON WATER QUALITY—FALL 2010

Trophic State	Quality Index	Phosphorus	Chlorophyll a	Sechhi Disk
		(ug/l)	(ug/l)	(ft)
Oligotrophic	Excellent	<1	<1	>19
	Very Good	1 to 10	1 to 5	8 to 19
Mesotrophic	Good	10 to 30	5 to 10	6 to 8
	Fair	30 to 50	10 to 15	5 to 6
Eutrophic	Poor	50 to 150	15 to 30	3 to 4

Below are the averages for the Tri-Lakes for the past four growing seasons. You can compare them to the table above to see where your lake currently stands.

ARROWHEAD

YEAR	PHOSPHORUS	CHLOROPYLL A	SECCHI DISK
	(micrograms/liter)	(micrograms/liter)	(feet)
2008	19.8	5.5	5.5
2009	23.5	8.8	11.3
2010	27.6	19.5	10.1

LOWER CAMELOT

YEAR	PHOSPHORUS	CHLOROPYLL A	SECCHI DISK
	(micrograms/liter)	(micrograms/liter)	(feet)
2007	32.3	22.8	5.8
2008	40.8	18.5	6.3
2009	25.0	12.6	5.4
2010	27.9	18.0	5.3

UPPER CAMELOT

YEAR	PHOSPHORUS	CHLOROPYLL A	SECCHI DISK
	(micrograms/liter)	(micrograms/liter)	(feet)
2007	28.0	12.9	5.1
2008	30.0	12.0	5.2
2009	22.1	11.2	6.6
2010	21.5	8.0	6.8

SHERWOOD

YEAR	PHOSPHORUS	CHLOROPYLL A	SECCHI DISK
	(micrograms/liter)	(micrograms/liter)	(feet)
2007	48.8	33.5	2.4
2008	34.2	26.5	4.0
2009	35.5	24.3	4.9
2010	33.3	16.8	6.8