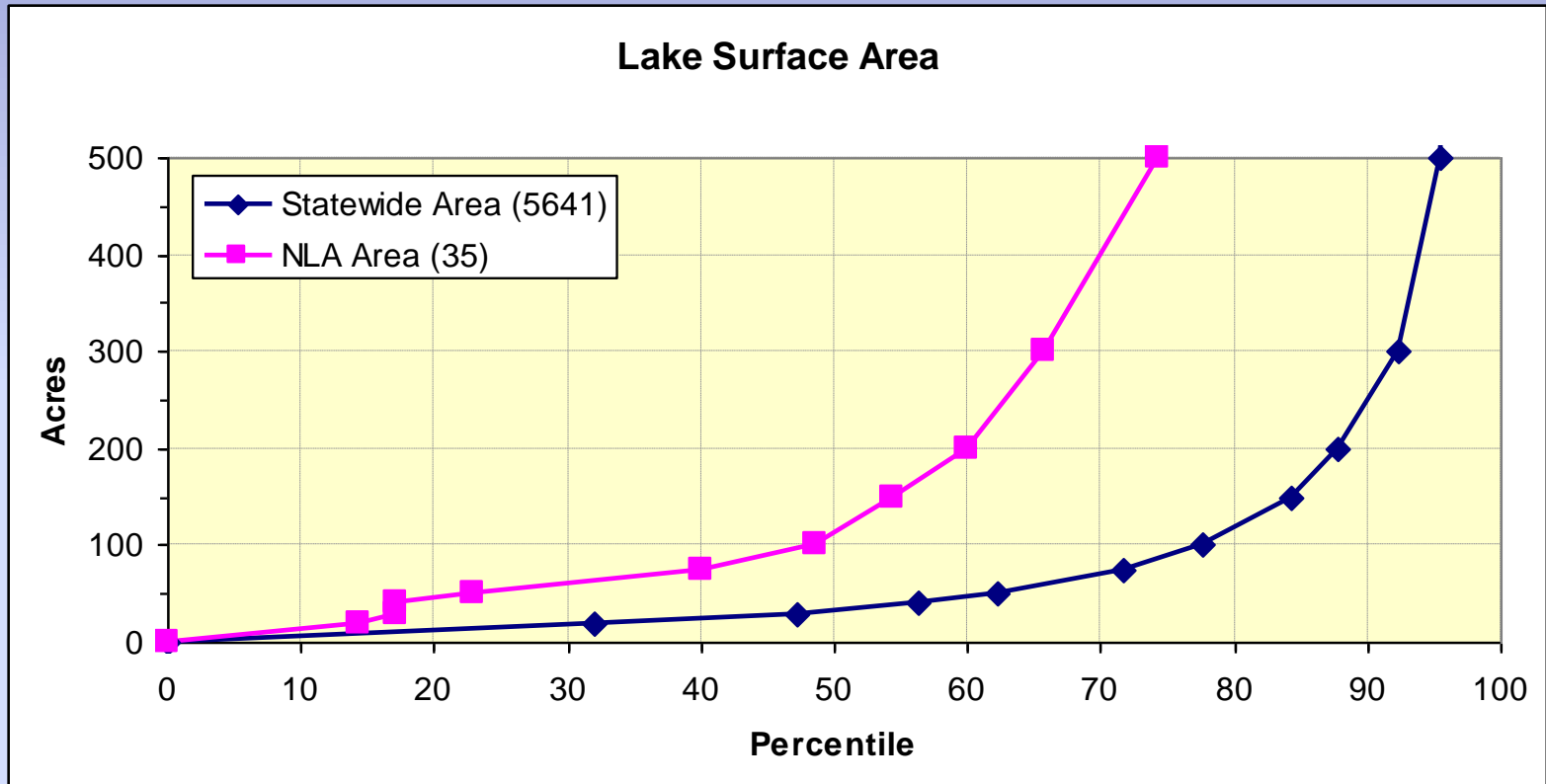
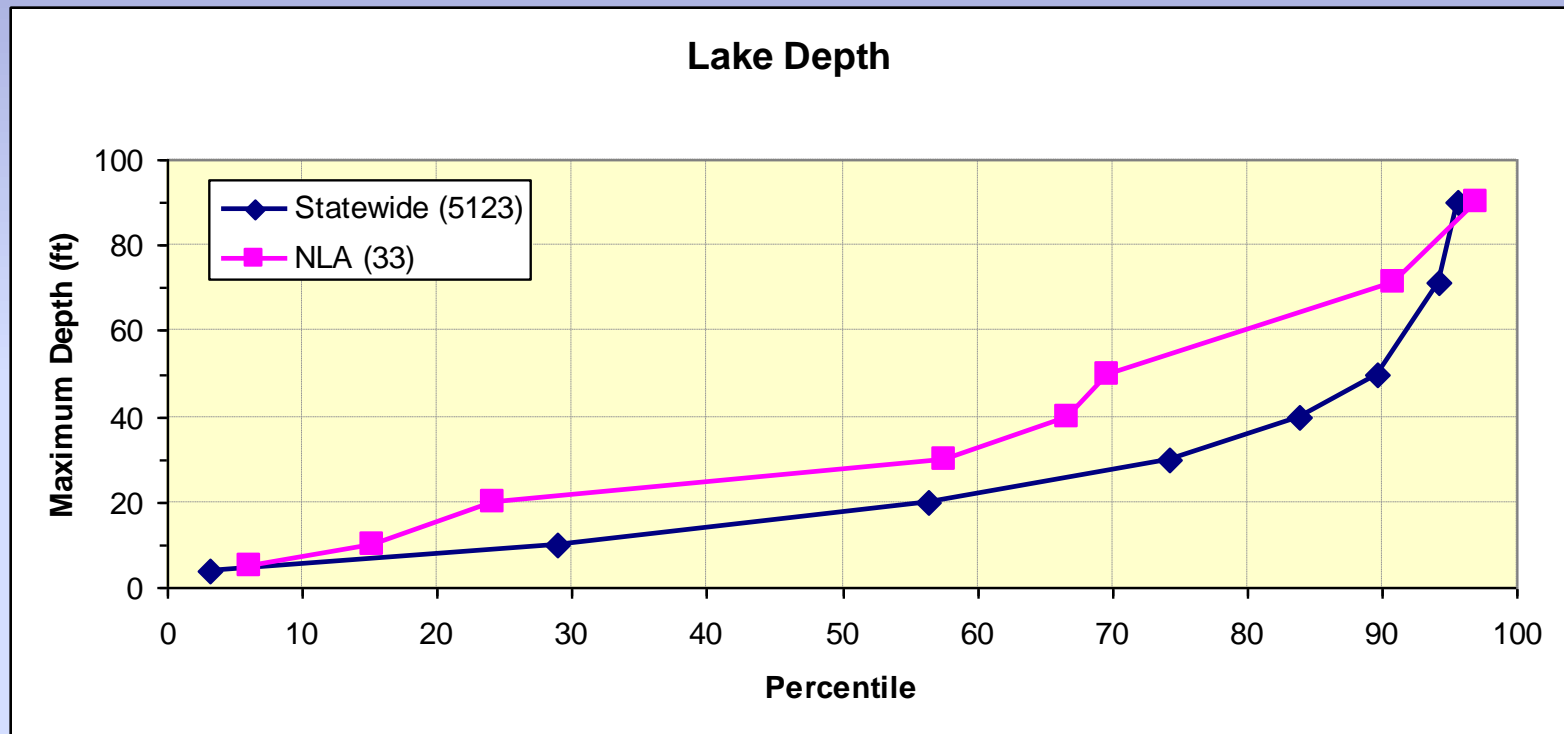


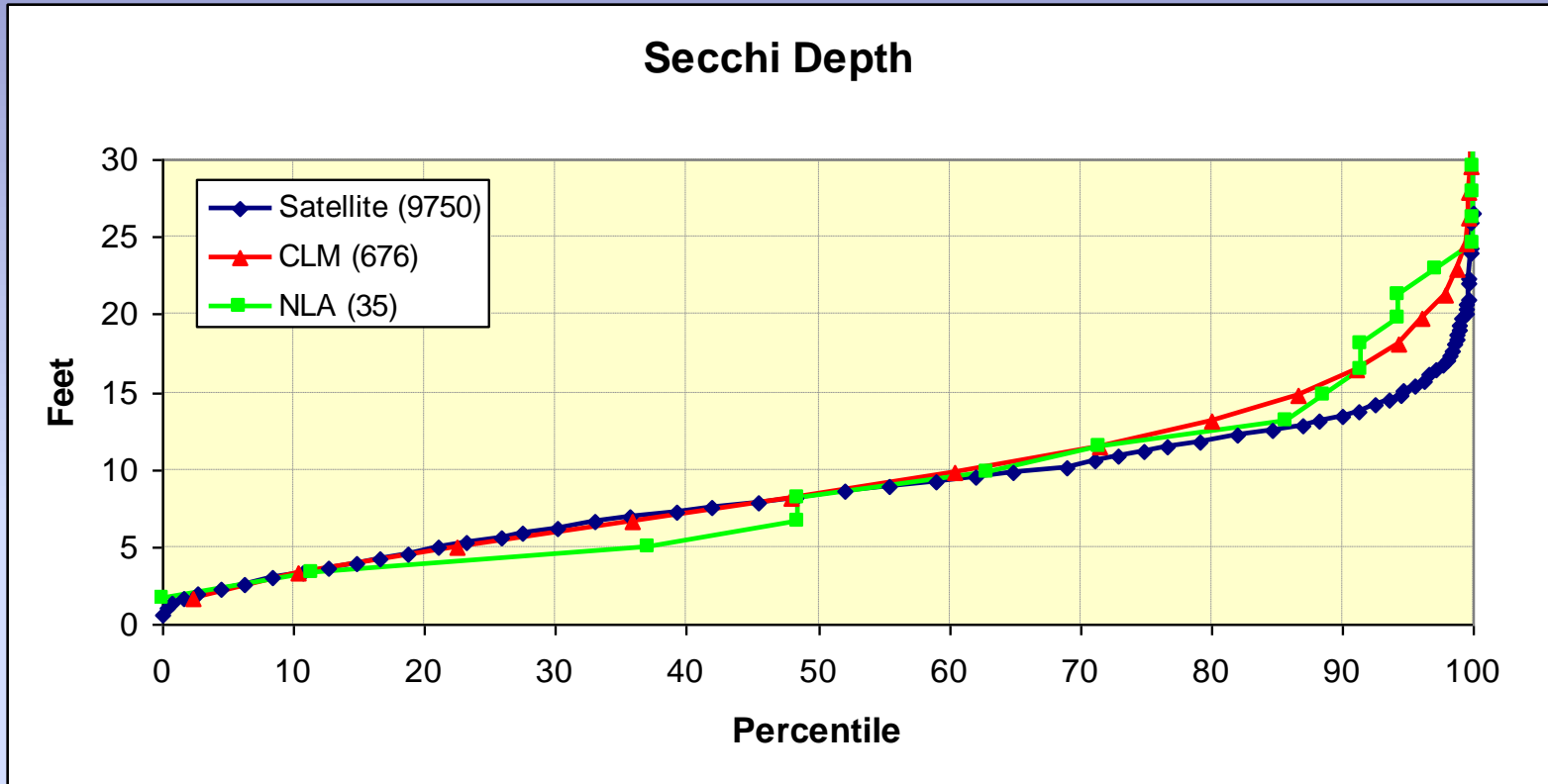
# LAKE AREA FREQUENCY DISTRIBUTION



# LAKE DEPTH FREQUENCY DISTRIBUTION



# SECCHI DEPTH FREQUENCY DISTRIBUTION



## For Citizens's Lake Monitoring

**Best Secchi: 31.5 ft**  
**Worst Secchi 0.7 ft**

**Black Oak L. Vilas Co.**  
**Lake Sinissippi, Dodge Co.**

# NLA FREQUENCY DISTRIBUTIONS

	Color	Secchi	DOC	Chl-a	TP	TN	Cl	SO4
	PCU	ft	mg L <sup>-1</sup>	µg L <sup>-1</sup>	µg L <sup>-1</sup>	µg L <sup>-1</sup>	mg L <sup>-1</sup>	mg L <sup>-1</sup>
Min	0	2.6	2	1	2	197	0.1	2
10 <sup>th</sup>	3	3.3	3	2	6	307	0.3	5
25 <sup>th</sup>	7	4.1	5	3	8	521	0.9	21
50 <sup>th</sup>	10	8.5	6	5	13	654	3.6	61
75 <sup>th</sup>	21	11.9	9	14	40	903	17.6	164
90 <sup>th</sup>	28	15.1	13	32	64	1300	42.4	197
Max	125	23.8	27	149	161	1824	127.2	252

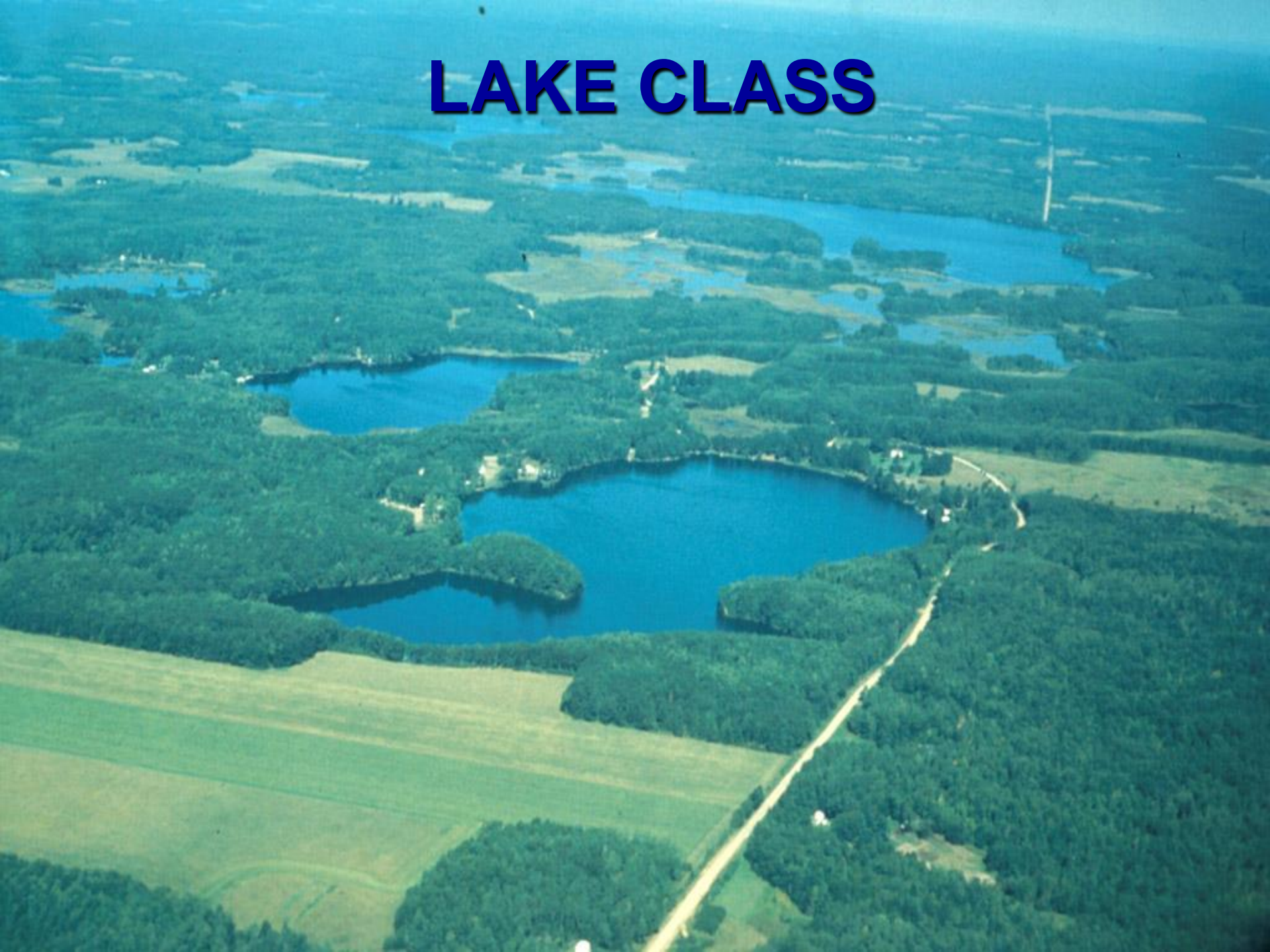
NLA IQ range for **Secchi** comparable to statewide assessment

State: 5 – 12 µg L<sup>-1</sup>  
 NLA: 4 – 12 µg L<sup>-1</sup>

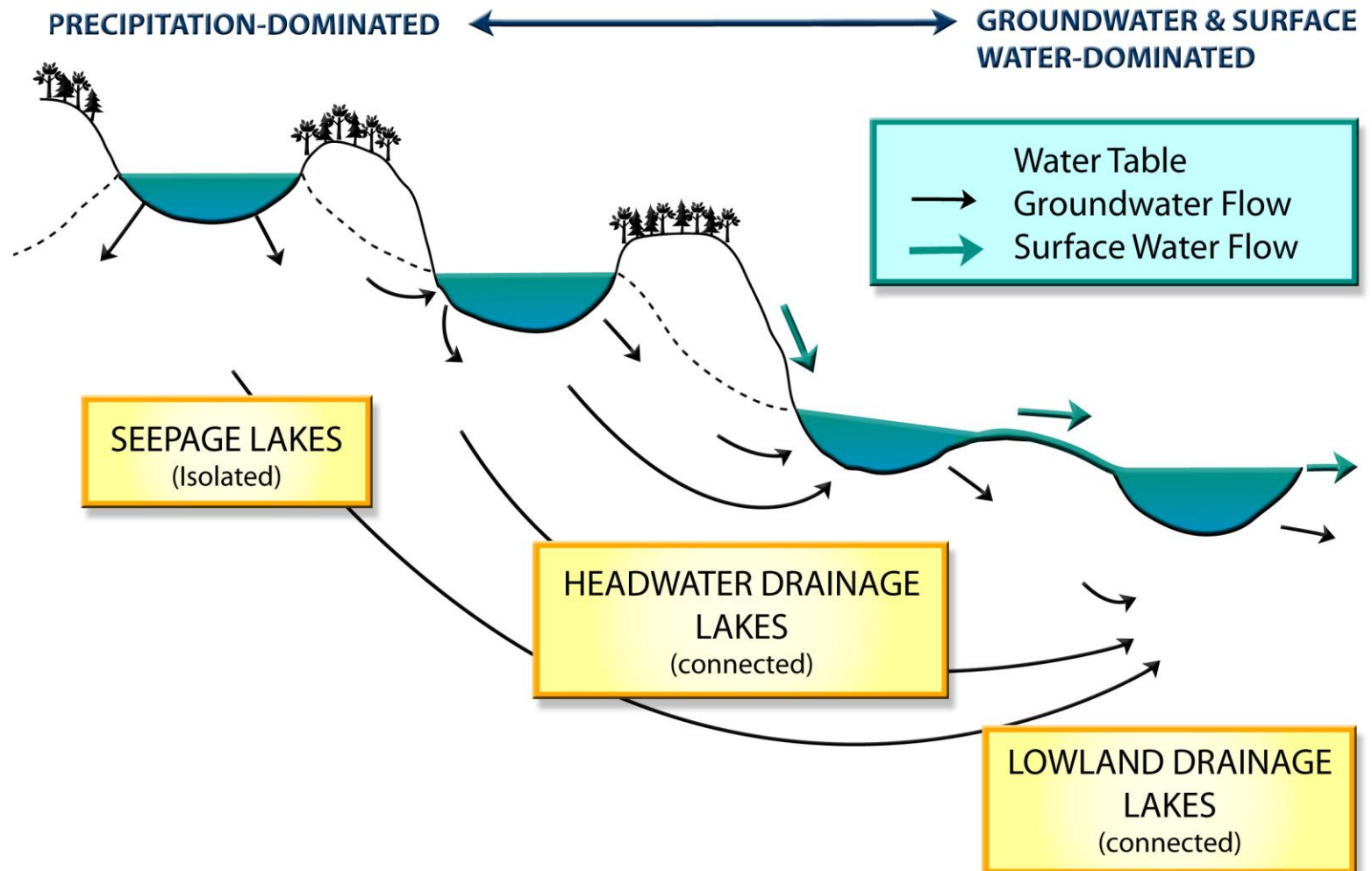
NLA IQ range for **TP** comparable to statewide assessment

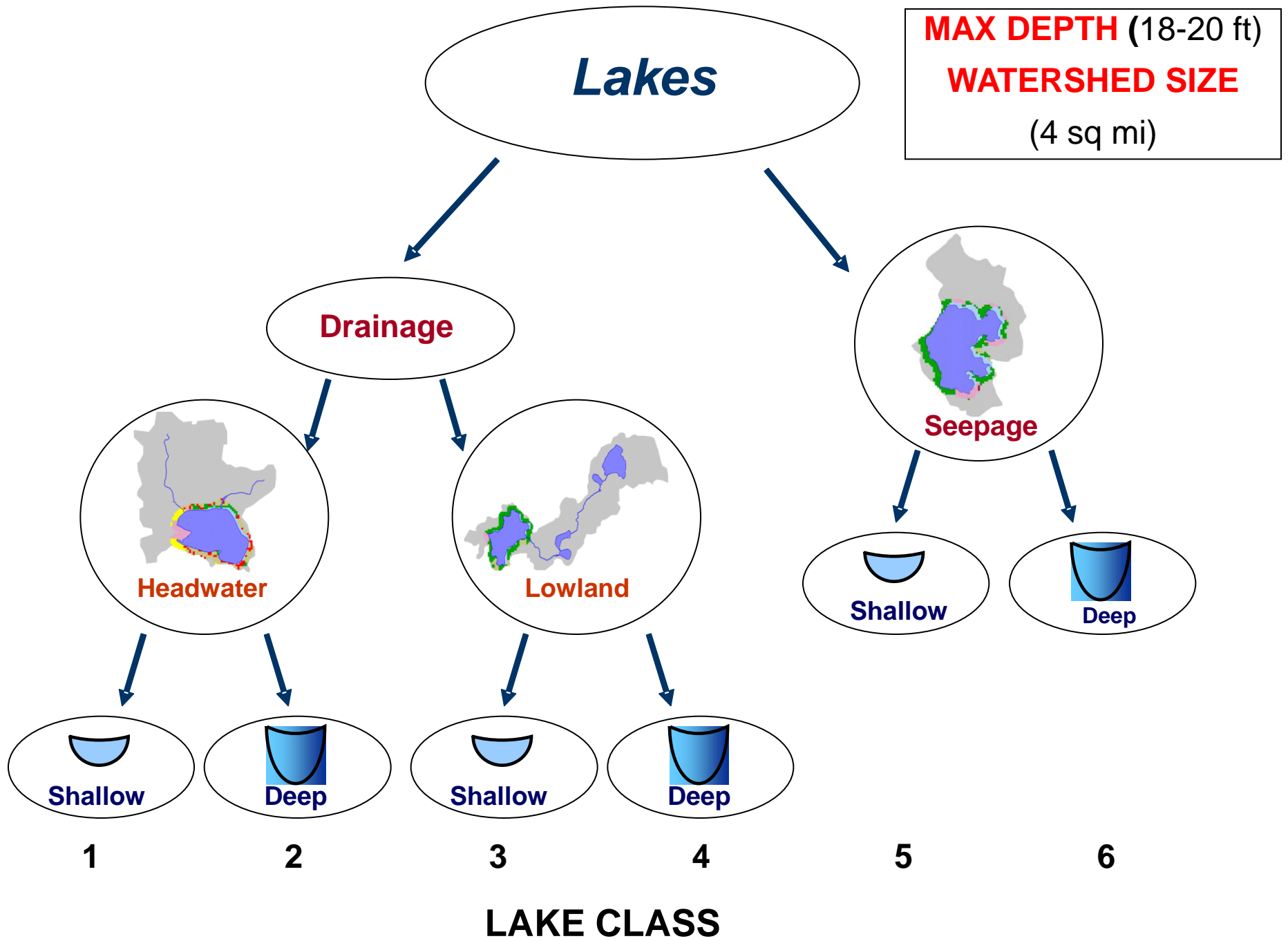
State: 11 – 31 µg L<sup>-1</sup>  
 NLA: 8 – 40 µg L<sup>-1</sup>

# LAKE CLASS



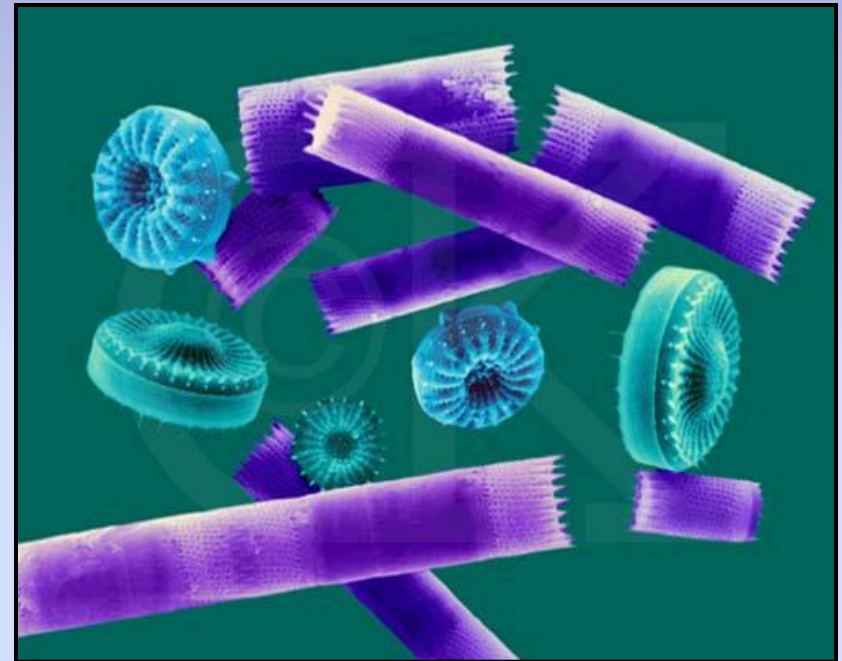
# LANDSCAPE POSITION



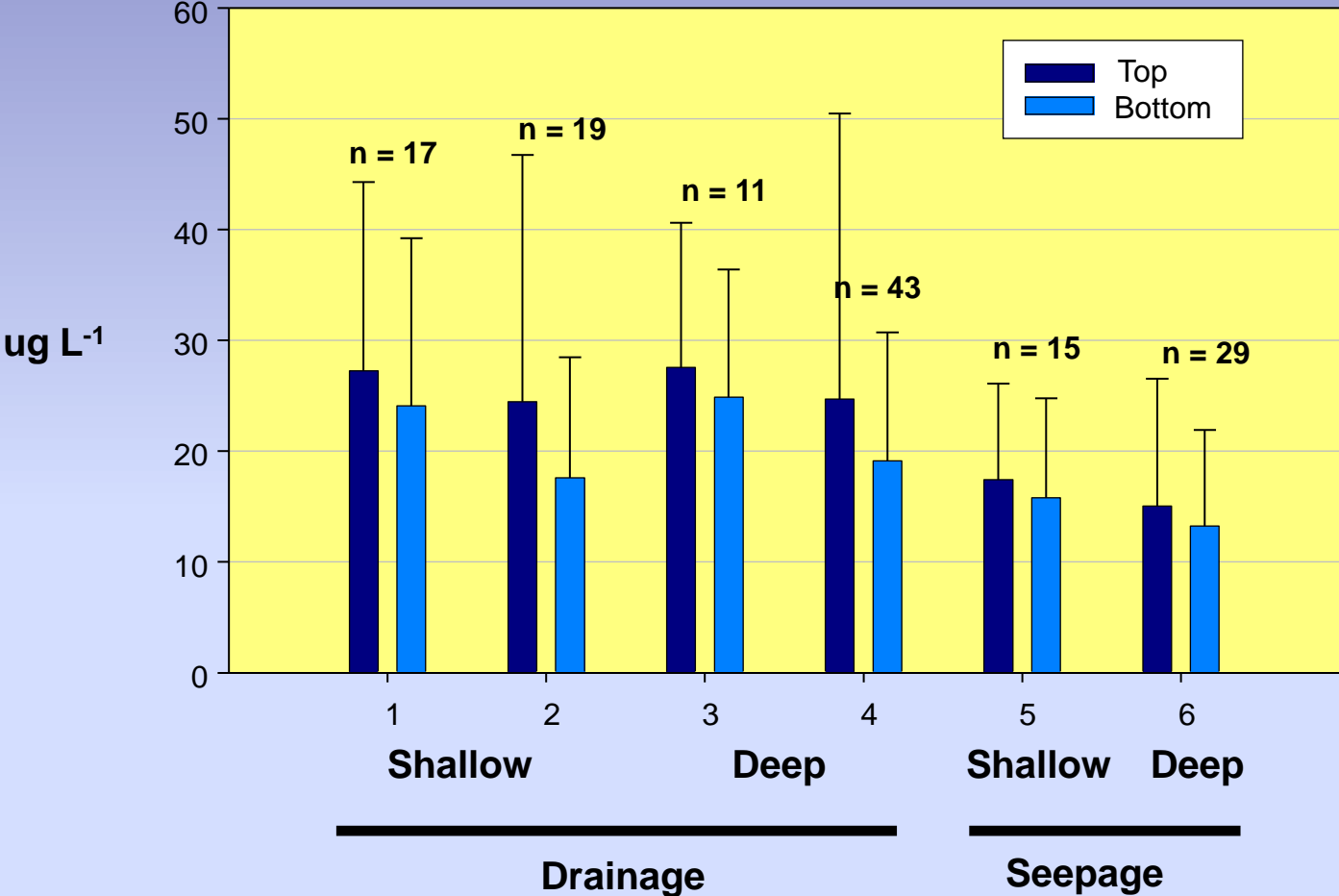




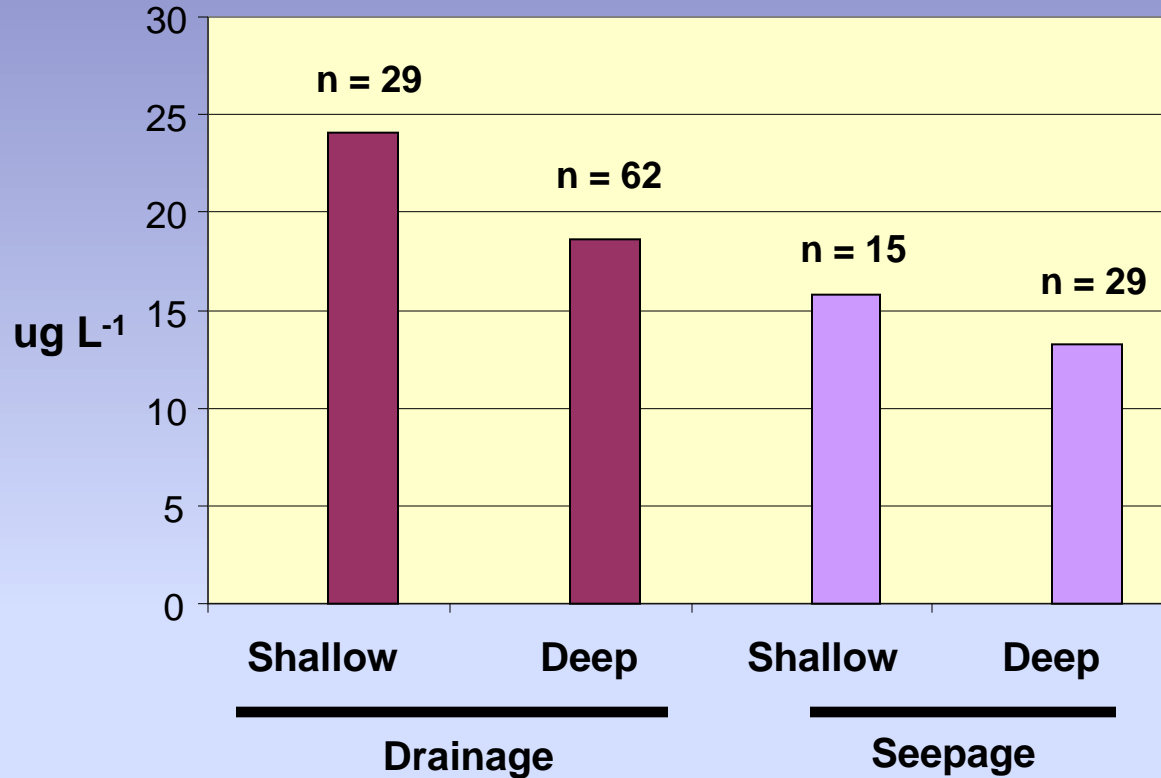
# REFERENCE CONDITIONS



# SUMMER PHOSPHORUS



# Summer Phosphorus



CLASS	Phosphorus ( $\mu\text{g/L}$ )
<i>Drainage Lakes</i>	
1,3 (Shallow)	24
2,4 (Deep)	19
<i>Seepage Lakes</i>	
5 (Shallow)	16
6 (Deep)	13