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Dean Hintzman  
415 Foxdale Lane  
Arlington Heights, IL 60004

November 29<sup>th</sup>, 2016

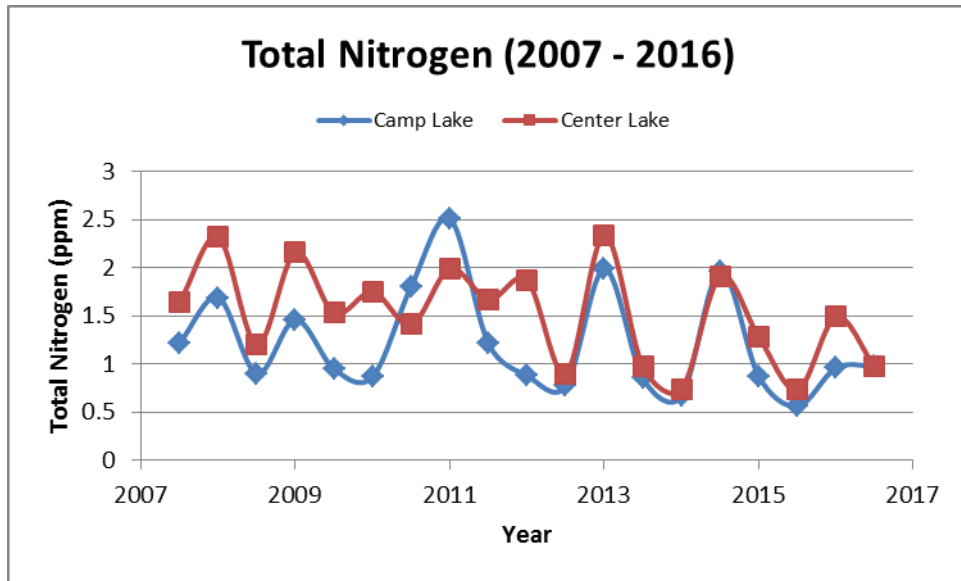
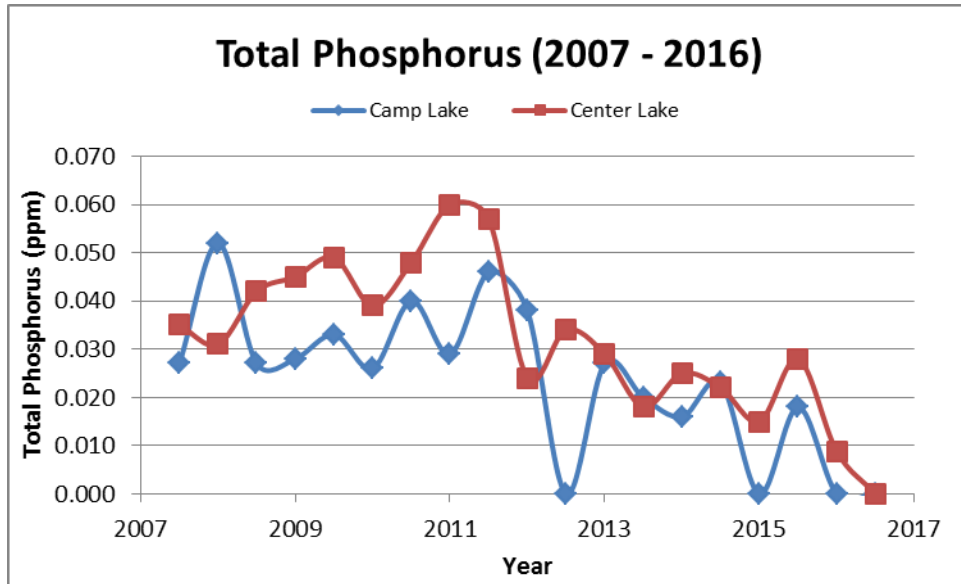
Dear Mr. Hintzman,

The attached laboratory results reflect data from our FALL sampling efforts on Camp and Center Lakes.

The following parameters were analyzed: pH, Conductivity, Alkalinity, Total Hardness, Calcium Hardness, Reactive Phosphorus, Total Phosphorus, Ammonia, NO<sub>2</sub>+NO<sub>3</sub>, Total Kjeldahl Nitrogen, Chloride, Sulfate, Sodium, Potassium, Turbidity and Color. Since we've previously sent out detailed reports, I've only interpreted each component and commented where appropriate.

<u>ANALYSIS</u>	<u>CAMP</u>	<u>CENTER</u>
pH	NORMAL	NORMAL
Conductivity	NORMAL	NORMAL
Alkalinity	NORMAL	NORMAL
Total Hardness	VERY HARD	VERY HARD
Calcium Hardness	NORMAL	NORMAL
Reactive Phosphorus	LOW (Good)	LOW (Good)
Total Phosphorus	LOW (Good)	LOW (Good)
Ammonia Nitrogen (NH <sub>3</sub> )	LOW (Good)	NORMAL
Nitrite plus Nitrate Nitrogen (NO <sub>2</sub> +NO <sub>3</sub> )	LOW (Good)	LOW (Good)
Total Kjeldahl Nitrogen (TKN)	NORMAL	NORMAL
Chloride (Cl)	NORMAL	NORMAL
Sulfate (SO <sub>4</sub> )	NORMAL	NORMAL
Sodium (Na)	NORMAL	NORMAL
Potassium (K)	NORMAL	NORMAL
Turbidity	NORMAL	NORMAL
Color	NORMAL	NORMAL

Overall, the water quality in both lakes looks good as we saw continued decreases in total phosphorus and a drop in nitrite plus nitrate. Below I have included the graphs looking at total phosphorus and total nitrogen over the past 10 seasons.



If you have any questions or concerns don't hesitate to contact me.

Sincerely,

Jeff Stelzer – Biologist  
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