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May 29th, 2019

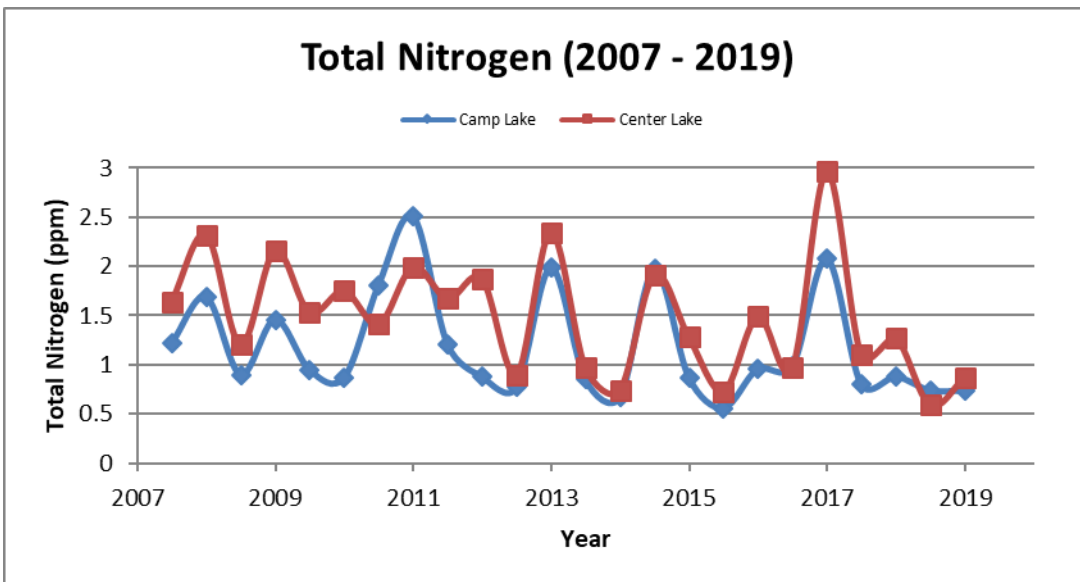
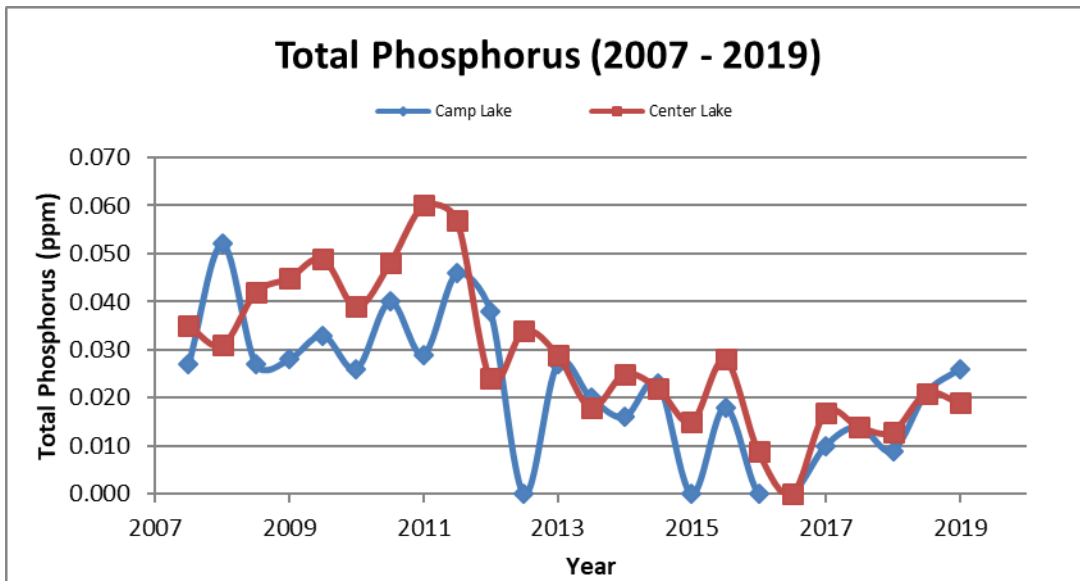
Dear Mr. Hintzman,

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

The following parameters were analyzed: pH, Conductivity, Alkalinity, Total Hardness, Calcium Hardness, Reactive Phosphorus, Total Phosphorus, Ammonia, NO₂+NO₃, 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	NORMAL	LOW (Good)
Ammonia Nitrogen (NH ₃)	LOW (Good)	LOW (Good)
Nitrite plus Nitrate Nitrogen (NO ₂ +NO ₃)	NORMAL	NORMAL
Total Kjeldahl Nitrogen (TKN)	LOW (Good)	LOW (Good)
Chloride (Cl)	NORMAL	NORMAL
Sulfate (SO ₄)	NORMAL	NORMAL
Sodium (Na)	NORMAL	NORMAL
Potassium (K)	NORMAL	NORMAL
Turbidity	ELEVATED	NORMAL
Color	NORMAL	NORMAL

Overall, the water quality in both lakes looks good as most components remained constant. We have noticed a trend of total phosphorus increasing on both lakes over the past three seasons. This could be due, in part, to larger storms bringing more rain and runoff to the system. There are no additional concerns at this time.



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

Sincerely,

Jeff Stelzer – Biologist
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