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Dean Hintzman
 415 Foxdale Lane
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November 14th, 2014

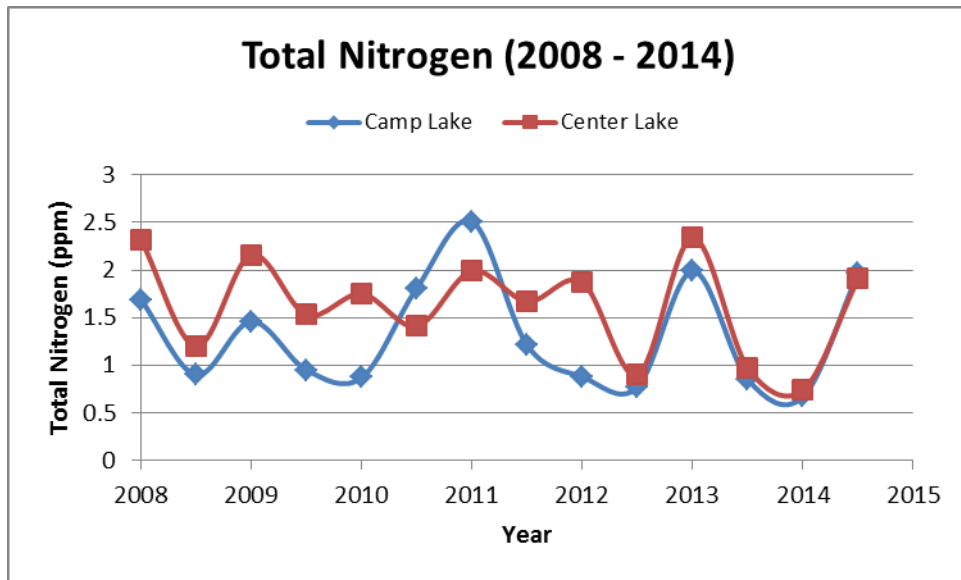
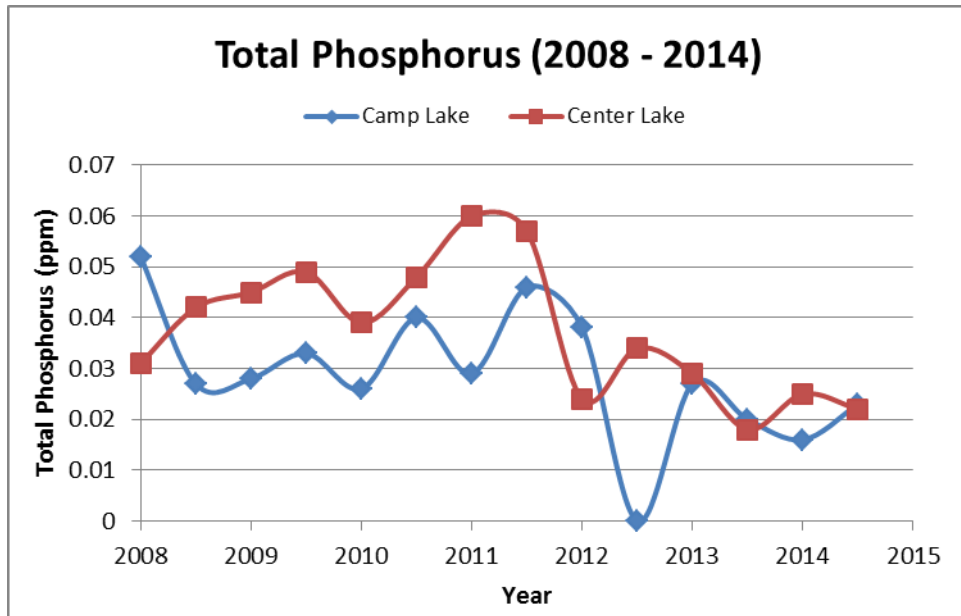
Dear Mr. Hintzman,

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, 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	ELEVATED	ELEVATED
Alkalinity	NORMAL	NORMAL
Total Hardness	VERY HARD	VERY HARD
Calcium Hardness	NORMAL	NORMAL
Reactive Phosphorus	NORMAL	LOW (Good)
Total Phosphorus	LOW (Good)	LOW (Good)
Ammonia Nitrogen (NH ₃)	LOW (Good)	LOW (Good)
Nitrite plus Nitrate Nitrogen (NO ₂ +NO ₃)	LOW (Good)	LOW (Good)
Total Kjeldahl Nitrogen (TKN)	NORMAL	NORMAL
Chloride (Cl)	NORMAL	NORMAL
Sulfate (SO ₄)	NORMAL	NORMAL
Sodium (Na)	NORMAL	NORMAL
Potassium (K)	NORMAL	NORMAL
Turbidity	LOW (Good)	NORMAL
Color	NORMAL	NORMAL

Overall, the water quality in both lakes looks good. We saw an increase in phosphorus on Camp Lake and an increase in total nitrogen on both lakes. This is most likely due to the larger spring and summer rains bringing in nutrient laden runoff (see graphs below).



There were no other significant changes and no real concerns at this time. If you have any questions or concerns don't hesitate to contact me.

Sincerely,

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