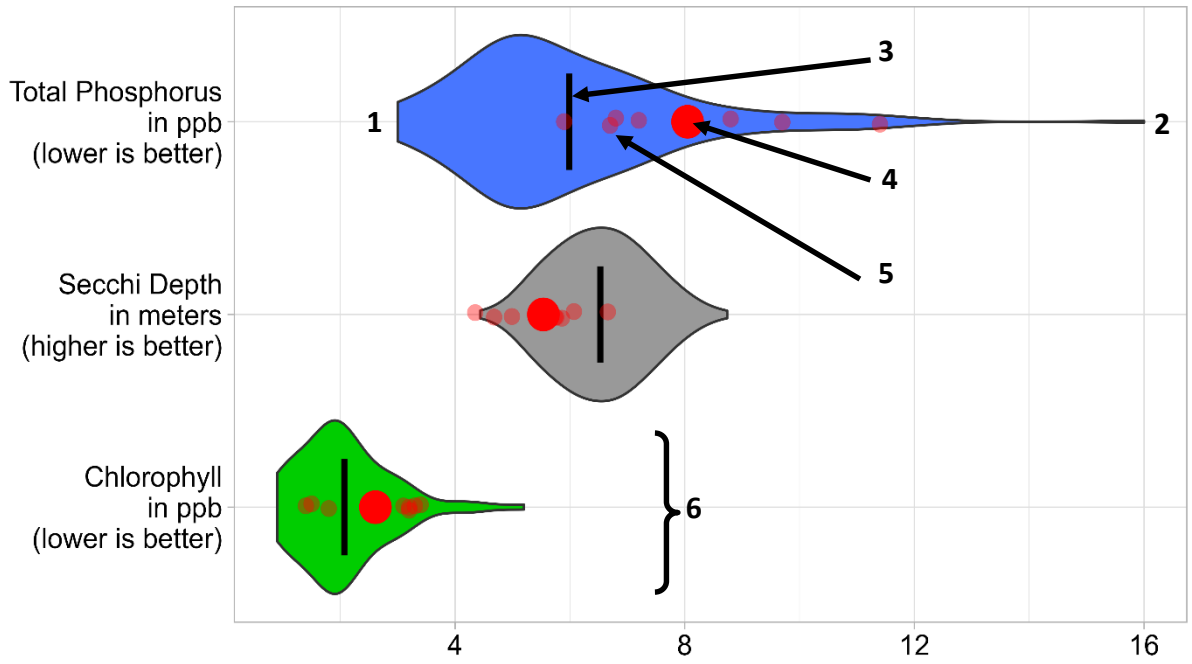
Mid-Season Water Quality Summary

Lakes Environmental Association

August, 2024

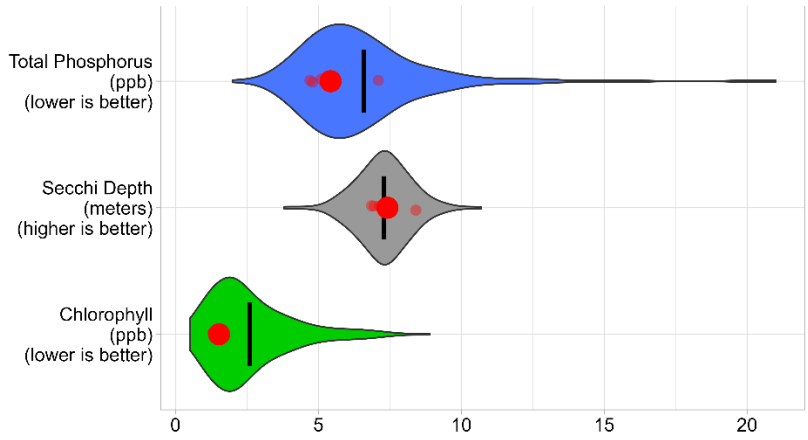
Interpreting Data Graphics

Graphs have been included for each test site to visually compare 2024 data to historic data (1996—2023). The vertical axis (y-axis) indicates the relative abundance of readings at that level while the horizontal axis (x-axis) represents reported values. Three different parameters are being reported on the same graph. Units for each parameter are listed under each name on the x-axis label. Area thickness increases as more measurements are reported at that value. Thus, thicker areas indicate that several measurements have been reported at that value, while thinner areas indicate that fewer measurements have been reported at that value.



1. Long-term minimum value — far left edge of colored area, lowest value on record
2. Long-term maximum value — far right edge of colored area, highest value on record
3. Long-term average value — vertical black bar bisecting colored area
4. 2024's average value — large red dot
5. 2024's raw values — smaller red dots
6. Thickness of colored area — amount of past measurements at that value

Adams Pond – MIDAS 3396



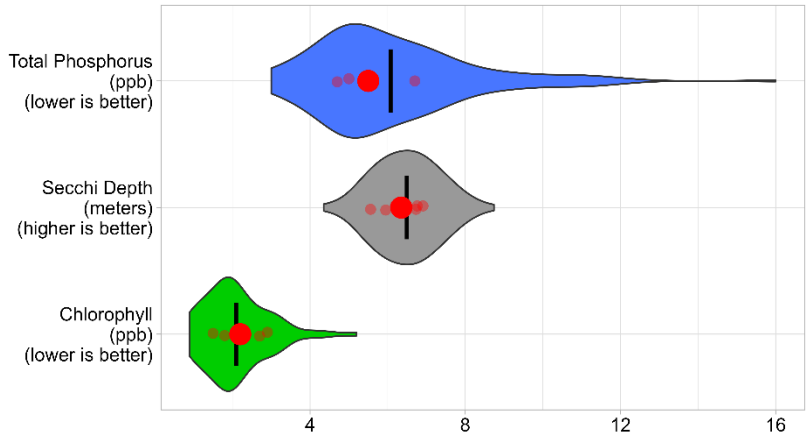
Phosphorus to date: 5.4 ppb (better than average, moderate amounts)

Clarity to date: 7.4 meters (right at average, highly clear)

Chlorophyll-a to date: 1.5 ppb (better than average, low amounts)

Other notes: Mean surface water temperature is warmer this year than it was last year. Oxygen depletion has been observed at the deepest parts of the pond since late May.

Back Pond – MIDAS 3199



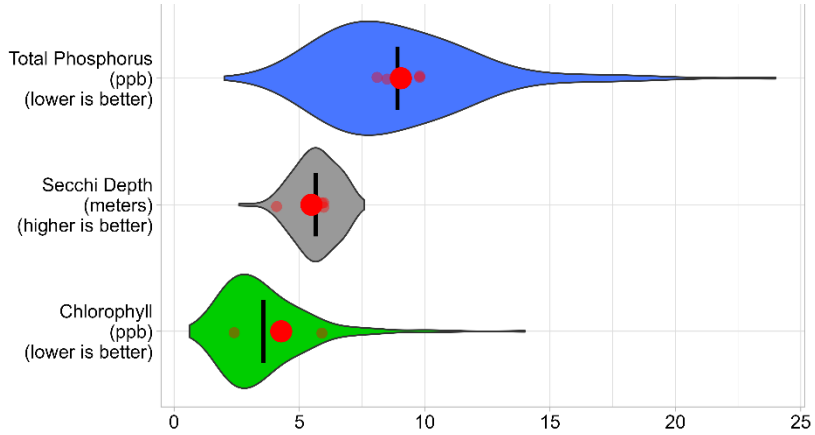
Phosphorus to date: 5.5 ppb (better than average, moderate amounts)

Clarity to date: 6.4 meters (right at average, moderately clear)

Chlorophyll-a to date: 2.2 ppb (near average, moderate amounts)

Other notes: Mean surface water temperature is warmer this year than it was last year. Oxygen depletion has been observed at the deepest parts of the pond since early June.

Bear Pond – MIDAS 3420



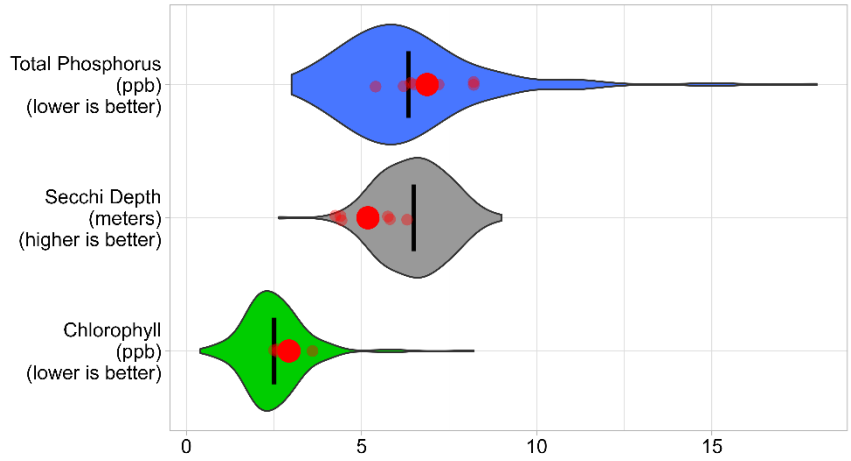
Phosphorus to date: 9.1 ppb (near average, moderate amounts)

Clarity to date: 5.5 meters (near average, moderately clear)

Chlorophyll-a to date: 2.9 ppb (higher than average, moderate amounts)

Other notes: Mean surface water temperature is warmer this year than it was last year. Oxygen depletion has been observed at the deepest parts of the pond since mid-June.

Brandy Pond – MIDAS 9685



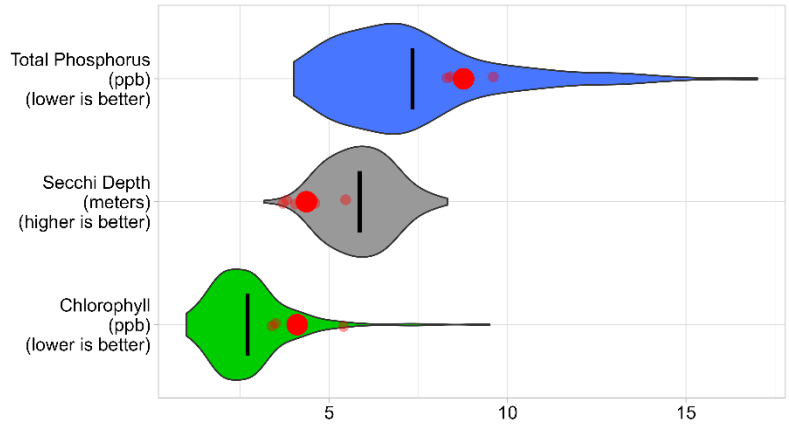
Phosphorus to date: 6.9 ppb (higher than average, moderate amounts)

Clarity to date: 5.2 meters (right at average, moderately clear)

Chlorophyll-a to date: 2.9 ppb (higher than average, moderate amounts)

Other notes: Mean surface water temperature is warmer this year then it was last year. Oxygen depletion has been observed at the deepest parts of the pond since early July.

Crystal Lake – MIDAS 3452



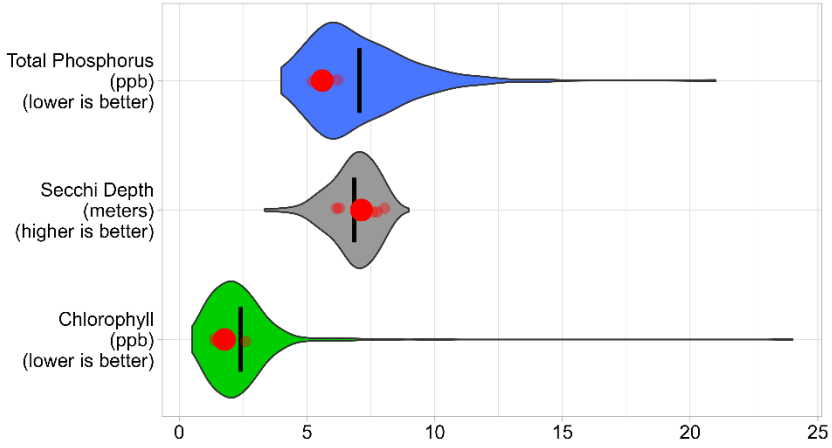
Phosphorus to date: 8.8 ppb (higher than average, moderate amounts)

Clarity to date: 4.4 meters (less than average, moderately clear)

Chlorophyll-a to date: 4.1 ppb (higher than average, moderate amounts)

Other notes: Mean surface water temperature is warmer this year than it was last year. Oxygen in the lowest depths is slowly decreasing but we have not yet observed oxygen depletion

Foster Pond – MIDAS 3188



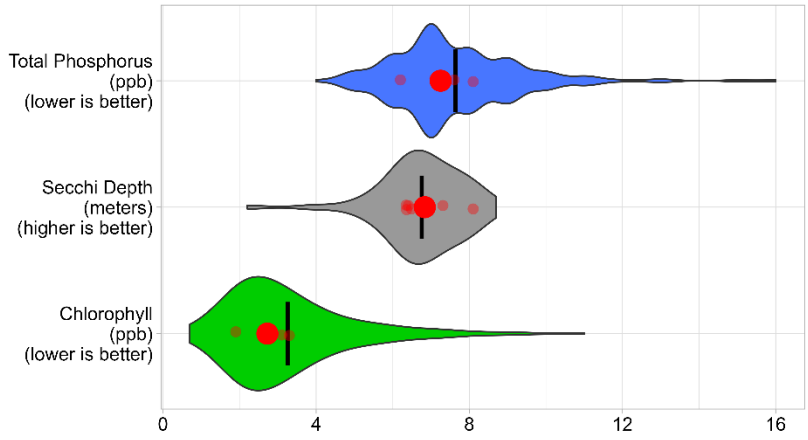
Phosphorus to date: 5.6 ppb (better than average, moderate amounts)

Clarity to date: 7.1 meters (near average, high clarity)

Chlorophyll-a to date: 1.8 ppb (better than average, low amounts)

Other notes: Mean surface water temperature is warmer this year than it was last year. We have not yet observed oxygen depletion

Granger Pond – MIDAS 3126



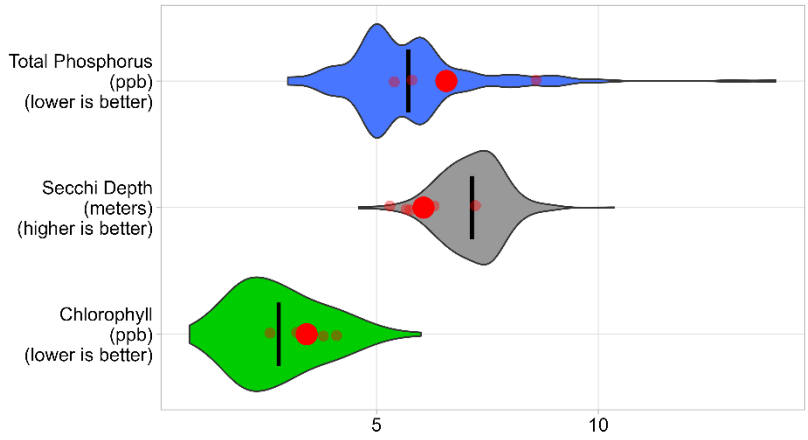
Phosphorus to date: 7.3 ppb (better than average, moderate amounts)

Clarity to date: 6.8 meters (right at average, moderate clarity)

Chlorophyll-a to date: 2.7 ppb (better than average, moderate amounts)

Other notes: Mean surface water temperature is warmer this year than it was last year. Oxygen depletion has been observed at the deepest parts of the pond since mid-July.

Hancock Pond – MIDAS 3132



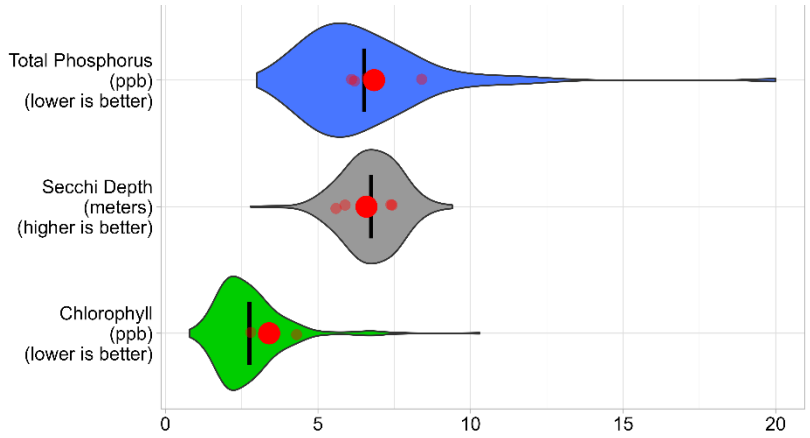
Phosphorus to date: 6.6 ppb (higher than average, moderate amounts)

Clarity to date: 6.1 meters (lower than average, moderate clarity)

Chlorophyll-a to date: 3.4 ppb (higher than average, moderate amounts)

Other notes: Mean surface water temperature is warmer this year than it was last year. Oxygen depletion has been observed at the deepest parts of the pond since mid-July.

Highland Lake – MIDAS 3454



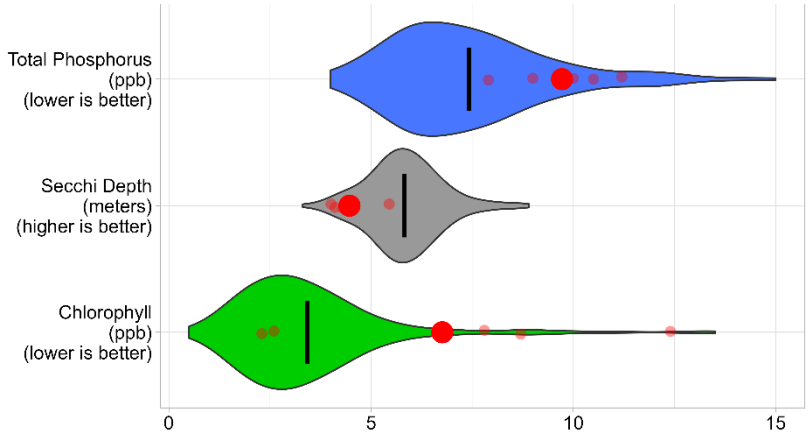
Phosphorus to date: 6.8 ppb (near average, moderate amounts)

Clarity to date: 6.6 meters (near average, moderate clarity)

Chlorophyll-a to date: 3.4 ppb (higher than average, moderate amounts)

Other notes: Mean surface water temperature is warmer this year than it was last year. Oxygen depletion has been observed at the deepest parts of the pond since mid-June.

Island Pond – MIDAS 3448



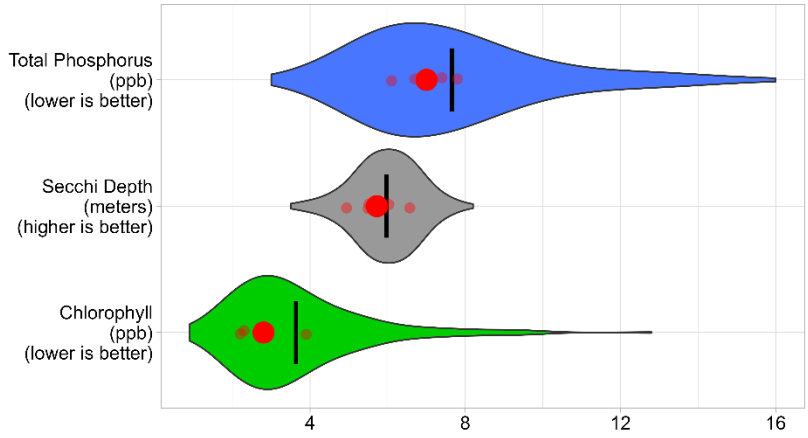
Phosphorus to date: 9.7 ppb (higher than average, moderate amounts)

Clarity to date: 4.5 meters (below average, moderate clarity)

Chlorophyll-a to date: 6.8 ppb (higher than average, moderate amounts)

Other notes: Mean surface water temperature is warmer this year than it was last year. Oxygen depletion has been observed at the deepest parts of the pond since mid-June.

Keoka Lake – MIDAS 3416



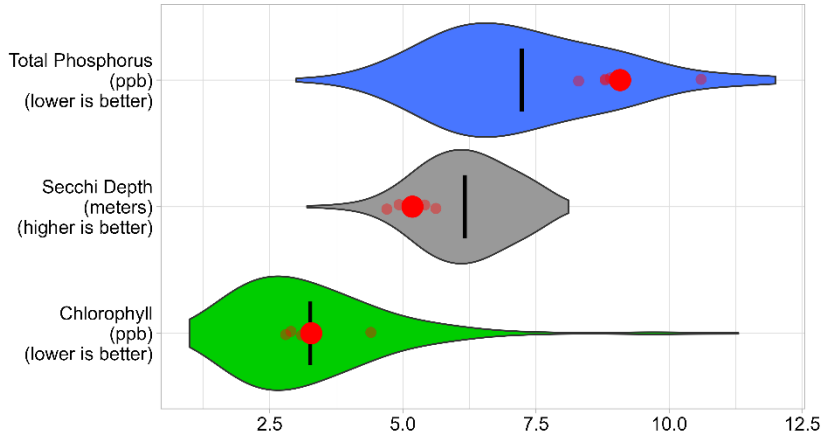
Phosphorus to date: 7.0 ppb (better than average, moderate amounts)

Clarity to date: 5.7 meters (near average, moderate clarity)

Chlorophyll-a to date: 2.8 ppb (better than average, moderate amounts)

Other notes: Mean surface water temperature is warmer this year than it was last year. Oxygen depletion has been observed at the deepest parts of the pond since mid-June.

Keyes Pond – MIDAS 3232



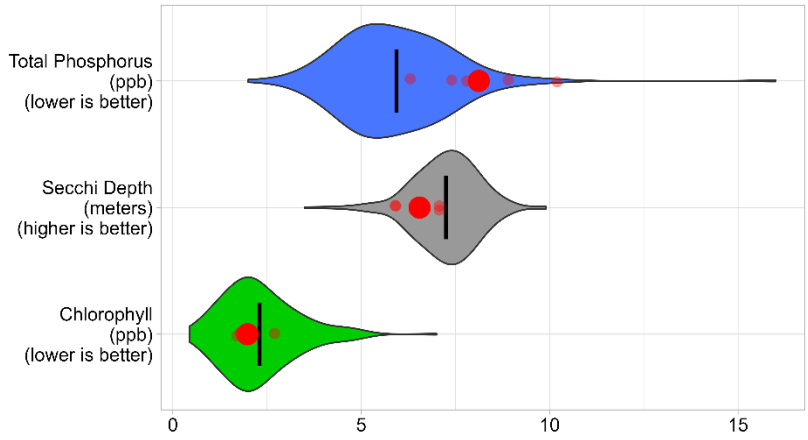
Phosphorus to date: 9.1 ppb (higher than average, moderate amounts)

Clarity to date: 5.2 meters (below average, moderate clarity)

Chlorophyll-a to date: 3.3 ppb (near average, moderate amounts)

Other notes: Mean surface water temperature is warmer this year than it was last year. Oxygen depletion has been observed at the deepest parts of the pond since mid-June.

Little Moose Pond – MIDAS 3424



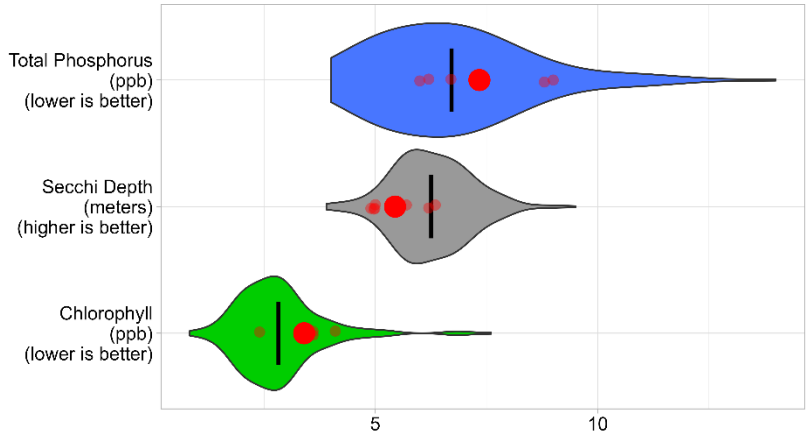
Phosphorus to date: 8.1 ppb (higher than average, moderate amounts)

Clarity to date: 6.4 meters (below average, moderate clarity)

Chlorophyll-a to date: 2.0 ppb (near average, low amounts)

Other notes: Mean surface water temperature is warmer this year than it was last year. Oxygen depletion has been observed at the deepest parts of the pond since mid-July.

Long Lake, Middle Basin – MIDAS 5780



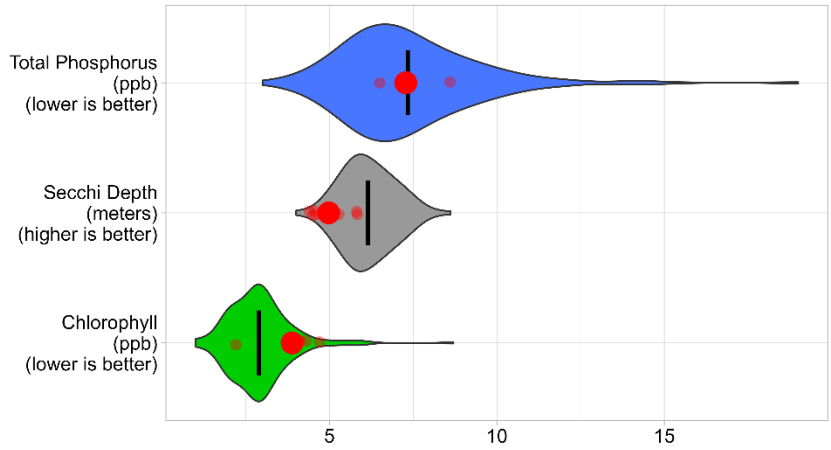
Phosphorus to date: 7.3 ppb (higher than average, moderate amounts)

Clarity to date: 5.4 meters (below average, moderate clarity)

Chlorophyll-a to date: 3.4 ppb (higher than average, moderate amounts)

Other notes: Mean surface water temperature is a little warmer this year than it was last year. Oxygen depletion has been observed at the deepest parts of the pond since early July.

Long Lake, North Basin – MIDAS 5780



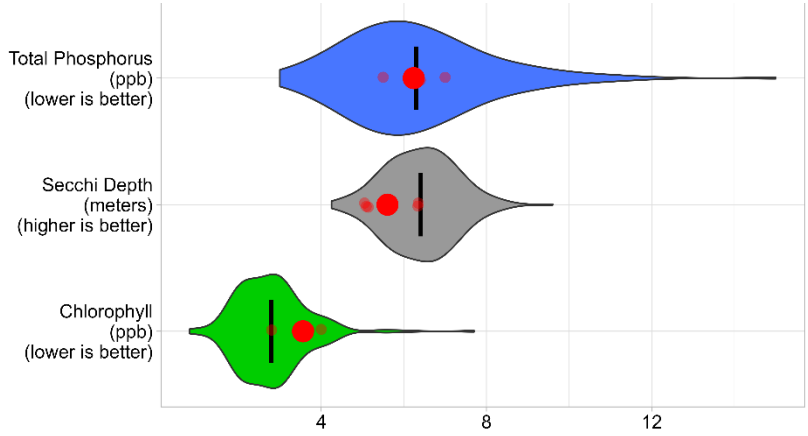
Phosphorus to date: 7.3 ppb (near average, moderate amounts)

Clarity to date: 5.0 meters (below average, moderate clarity)

Chlorophyll-a to date: 3.9 ppb (higher than average, moderate amounts)

Other notes: Mean surface water temperature is warmer this year than it was last year. Oxygen depletion has been observed at the deepest parts of the pond since mid-July.

Long Lake, South Basin – MIDAS 5780



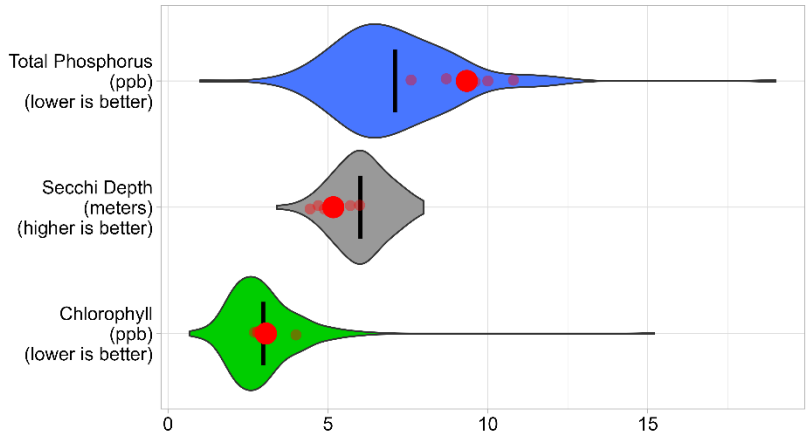
Phosphorus to date: 6.2 ppb (near average, moderate amounts)

Clarity to date: 5.6 meters (below average, moderate clarity)

Chlorophyll-a to date: 3.6 ppb (higher than average, moderate amounts)

Other notes: Mean surface water temperature is warmer this year than it was last year. Oxygen depletion has been observed at the deepest parts of the pond since mid-July.

McWain Pond – MIDAS 3418



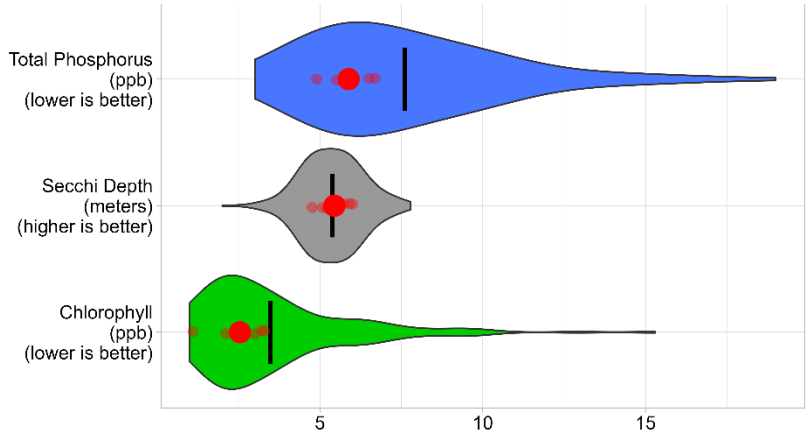
Phosphorus to date: 9.3 ppb (higher than average, moderate amounts)

Clarity to date: 5.2 meters (below average, moderate clarity)

Chlorophyll-a to date: 3.1 ppb (near average, moderate amounts)

Mean surface water temperature is warmer this year than it was last year. Oxygen depletion has been observed at the deepest parts of the pond since mid-July.

Middle Pond – MIDAS 3201



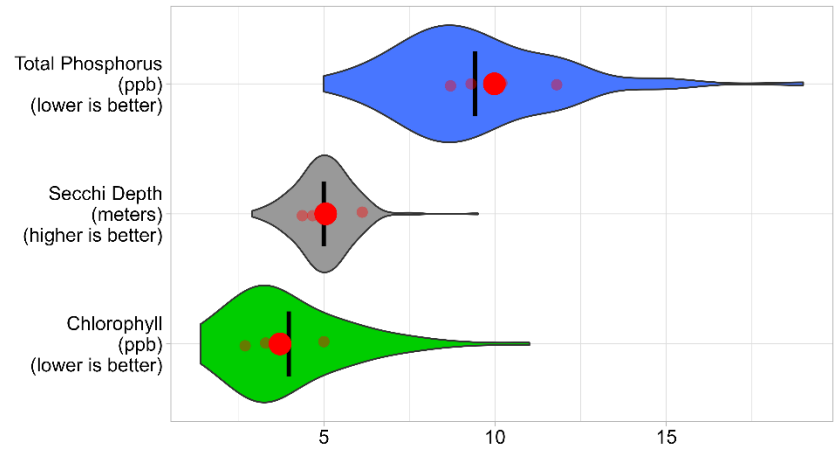
Phosphorus to date: 5.9 ppb (better than average, moderate amounts)

Clarity to date: 5.4 meters (near average, moderate clarity)

Chlorophyll-a to date: 2.5 ppb (better than average, moderate amounts)

Other notes: Mean surface water temperature is warmer this year than it was last year. Oxygen depletion has been observed at the deepest parts of the pond since early May.

Moose Pond, North Basin – MIDAS 3134



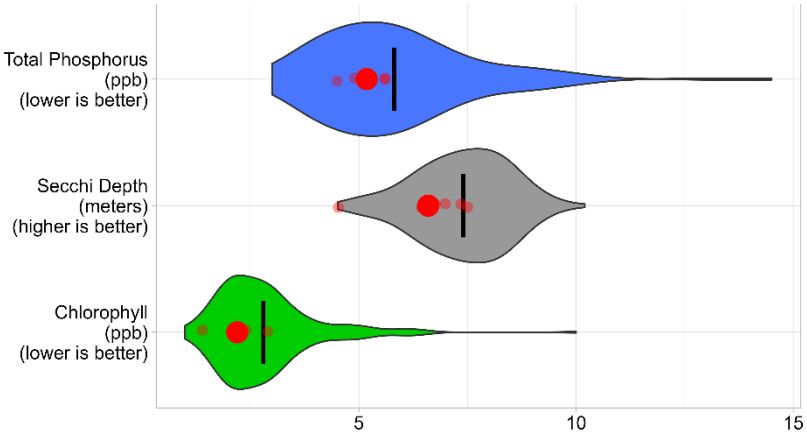
Phosphorus to date: 10.0 ppb (higher than average, moderate amounts)

Clarity to date: 5.1 meters (near average, moderate clarity)

Chlorophyll-a to date: 3.7 ppb (near average, moderate amounts)

Other notes: Mean surface water temperature is warmer this year than it was last year. Oxygen depletion has been observed at the deepest parts of the pond since mid-June.

Moose Pond, Middle Basin – MIDAS 3134



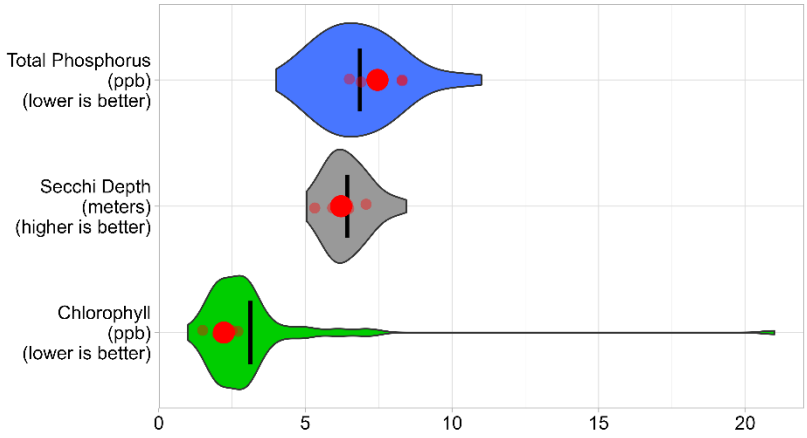
Phosphorus to date: 5.2 ppb (better than average, moderate amounts)

Clarity to date: 6.6 meters (below average, moderate clarity)

Chlorophyll-a to date: 2.2 ppb (better than average, moderate amounts)

Other notes: Mean surface water temperature is warmer this year than it was last year. Oxygen in the lowest depths is slowly decreasing but we have not yet observed oxygen depletion

Moose Pond, South Basin – MIDAS 3134



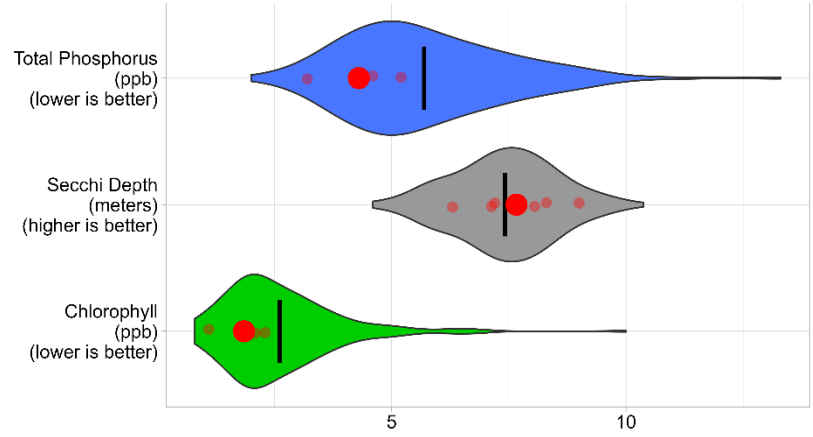
Phosphorus to date: 7.5 ppb (higher than average, moderate amounts)

Clarity to date: 6.2 meters (near average, moderate clarity)

Chlorophyll-a to date: 2.2 ppb (better than average, moderate amounts)

Other notes: Mean surface water temperature is warmer this year than it was last year. Oxygen depletion has been observed at the deepest parts of the pond since early June.

Peabody Pond – MIDAS 3374



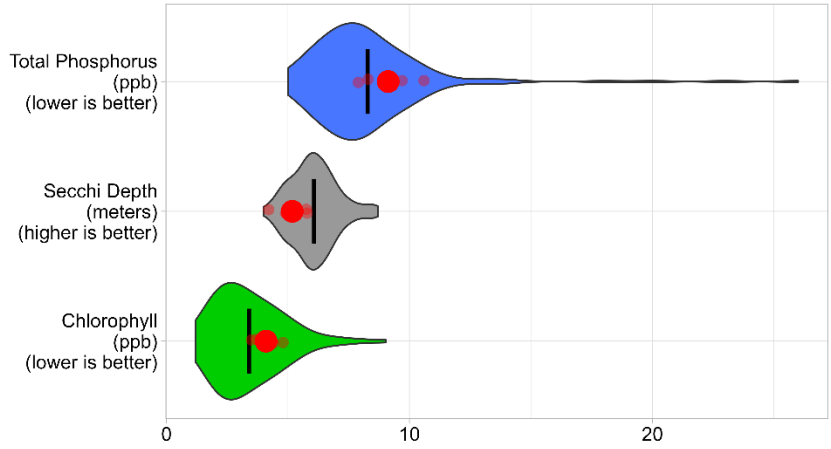
Phosphorus to date: 4.3 ppb (better than average, low amounts)

Clarity to date: 7.7 meters (near average, high clarity)

Chlorophyll-a to date: 1.9 ppb (better than average, low amounts)

Other notes: Mean surface water temperature is warmer this year than it was last year. Oxygen in the lowest depths is slowly decreasing but we have not yet observed oxygen depletion

Sand Pond – MIDAS 3130



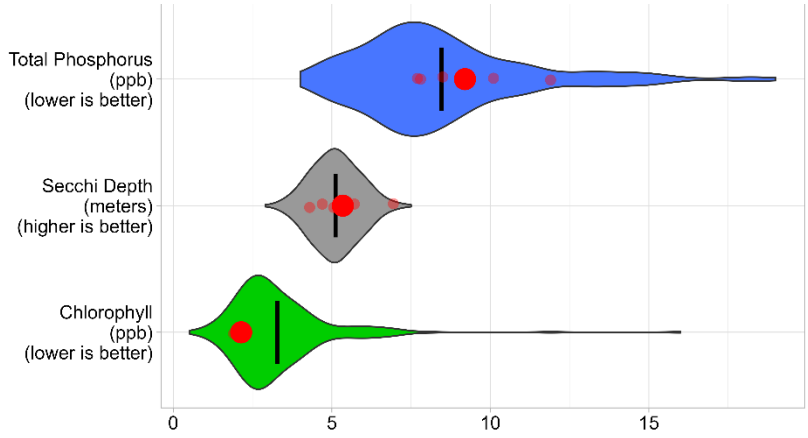
Phosphorus to date: 9.1 ppb (higher than average, moderate amounts)

Clarity to date: 5.2 meters (below average, moderate clarity)

Chlorophyll-a to date: 4.1 ppb (higher than average, moderate amounts)

Other notes: Mean surface water temperature is warmer this year than it was last year. Oxygen depletion has been observed at the deepest parts of the pond since early July.

Stearns Pond – MIDAS 3234



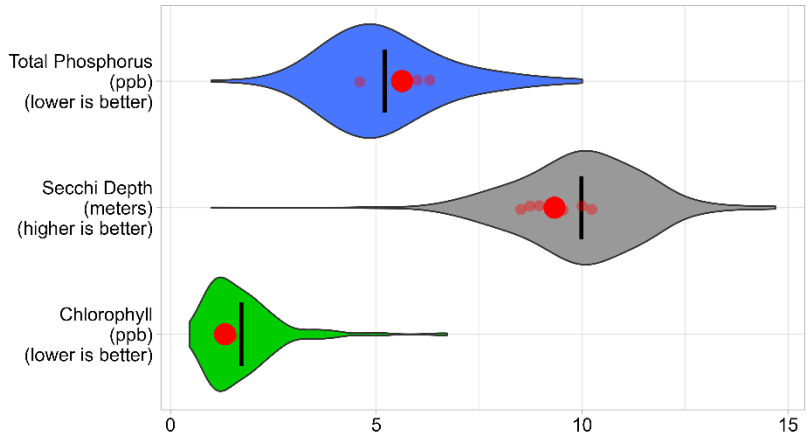
Phosphorus to date: 9.2 ppb (higher than average, moderate amounts)

Clarity to date: 5.3 meters (near average, moderate clarity)

Chlorophyll-a to date: 2.1 ppb (better than average, moderate amounts)

Other notes: Mean surface water temperature is warmer this year than it was last year. Oxygen depletion has been observed at the deepest parts of the pond since early July.

Trickey Pond – MIDAS 3382



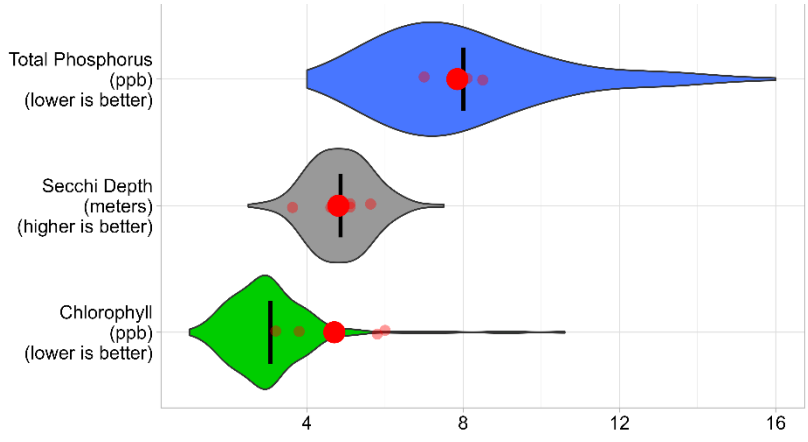
Phosphorus to date: 5.6 ppb (better than average, moderate amounts)

Clarity to date: 9.3 meters (below average, moderate clarity)

Chlorophyll-a to date: 1.3 ppb (better than average, low amounts)

Other notes: Mean surface water temperature is warmer this year than it was last year. Oxygen depletion has been observed at the deepest parts of the pond since late July.

Woods Pond – MIDAS 3456



Phosphorus to date: 7.9 ppb (near average, moderate amounts)

Clarity to date: 4.8 meters (near average, moderate clarity)

Chlorophyll-a to date: 4.7 ppb (higher than average, moderate amounts)

Other notes: Mean surface water temperature is warmer this year than it was last year. Oxygen depletion has been observed at the deepest parts of the pond since early July.

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Thank you for supporting our work