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Turbidity: An In-depth Look at Long Pond

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Turbidity

An in depth look at Long Pond
Long Pond

- Long Pond is located in south eastern Massachusetts.
- It is occupies 1721 acres.
- The average depth is 6 feet and the maximum depth is 15 feet.
- Long Pond is part of the Taunton watershed.
Land Use

- Farmlands
- Residential areas
- Wetlands
- Gravel pits
- Commercial Industry
- Recreation
  - boating, fishing, swimming
Turbidity

- A measurement of the amount of light particles in the water.
- A measurement of the clarity of water.
Sampling

• Secchi disk.
• Measured Nitrates and phosphates.
• Measured DO, Ph, Temperature using the hydrolab.
My Dock

Date

Measurement (Feet)

Conclusion

• Turbidity is not as bad as originally suspected.
• Water quality indicators are within normal values.
• Sediment and physical features are the cause of concern over turbidity.
• Milfoil and other invasive species are the largest danger for Long Pond and surrounding bodies of water.
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