

Crooked Lake Level Measurements

1. Record staff gauge readings daily

Staff Gauge Measurement of 0 equals
 a lake level elevation of 895.5
 Permit Limit 894.90 Contact the Township or P&N if met (see Contact Tab)

| Date | Staff Gauge Reading | Elevation | Observations | Total Draw |
|-----------|---------------------|-----------|--|------------|
| 5/16/2019 | 35.00 | 898.42 | no waves | |
| 5/17/2019 | 36.00 | 898.50 | | |
| 5/18/2019 | 36.50 | 898.54 | | |
| 5/19/2019 | 36.50 | 898.54 | | |
| 5/20/2019 | 36.75 | 898.56 | | |
| 5/21/2019 | 36.75 | 898.56 | | |
| 5/22/2019 | 37.00 | 898.58 | Pumping begins (DH) | 898.58 |
| 5/23/2019 | 37.00 | 898.58 | | |
| 5/24/2019 | 36.63 | 898.55 | | |
| 5/25/2019 | | | High waves, couldn't get measurement | |
| 5/26/2019 | 36.00 | 898.50 | | |
| 5/27/2019 | 36.50 | 898.54 | | |
| 5/28/2019 | 36.50 | 898.54 | | |
| 5/29/2019 | 36.50 | 898.54 | 5:00 PM | |
| 5/30/2019 | 36.88 | 898.57 | 9 AM, at 5 PM 36.5 measurement, water calm | |
| 5/31/2019 | 36.00 | 898.50 | 8:00 PM | |
| 6/1/2019 | 35.75 | 898.48 | | |
| 6/2/2019 | 35.25 | 898.44 | | |
| 6/3/2019 | 34.75 | 898.40 | 9:45 AM | |
| 6/4/2019 | 34.50 | 898.38 | | |
| 6/5/2019 | 35.50 | 898.46 | 9:15 AM | |
| 6/6/2019 | 35.50 | 898.46 | 8:00 PM | |
| 6/7/2019 | 35.25 | 898.44 | 9:00 PM | |
| 6/8/2019 | 34.75 | 898.40 | 2:00 PM | |
| 6/9/2019 | 34.00 | 898.33 | 7:00 PM | |
| 6/10/2019 | 34.00 | 898.33 | | |
| 6/11/2019 | 33.75 | 898.31 | 5:30 PM | |
| 6/12/2019 | 33.50 | 898.29 | 6:00 PM | |
| 6/13/2019 | 33.75 | 898.31 | 6:00 PM | |
| 6/14/2019 | 34.00 | 898.33 | 8:00 AM | |
| 6/15/2019 | 33.75 | 898.31 | 8:00 PM | |
| 6/16/2019 | 33.50 | 898.29 | 8:00 PM | |
| 6/17/2019 | 32.88 | 898.24 | 8:00 PM | |
| 6/18/2019 | 32.75 | 898.23 | 8:00 PM | |
| 6/19/2019 | 32.50 | 898.21 | 8:00 PM | |
| 6/20/2019 | 35.50 | 898.46 | 9:30 AM, at 8 PM 36 measurement | |
| 6/21/2019 | 36.00 | 898.50 | 8:00 PM | |
| 6/22/2019 | 36.00 | 898.50 | 8:00 PM | |
| 6/23/2019 | 36.00 | 898.50 | 8:00 PM | |
| 6/24/2019 | 36.00 | 898.50 | 8:00 PM | |

| | | | |
|-----------|-------|--------|---------------------------------|
| 6/25/2019 | 36.00 | 898.50 | 6:00 PM |
| 6/26/2019 | 36.00 | 898.50 | Noon |
| 6/27/2019 | 35.50 | 898.46 | 9:00 AM |
| 6/28/2019 | 35.25 | 898.44 | 10:00 AM |
| 6/29/2019 | 34.75 | 898.40 | 7:00 PM |
| 6/30/2019 | 34.50 | 898.38 | 8:00 PM |
| 7/1/2019 | 34.25 | 898.35 | 8:00 PM |
| 7/2/2019 | 33.50 | 898.29 | 8:00 PM |
| 7/3/2019 | 33.00 | 898.25 | 9:00 PM |
| 7/4/2019 | 33.38 | 898.28 | 8:00 PM, Calm |
| 7/5/2019 | 33.00 | 898.25 | 8:00 PM, Calm |
| 7/6/2019 | 33.13 | 898.26 | 8:00 PM, Calm |
| 7/7/2019 | 33.00 | 898.25 | 12 Noon, Calm |
| 7/8/2019 | 32.50 | 898.21 | 3:00 PM, Calm |
| 7/9/2019 | 32.50 | 898.21 | 8:00 PM, Calm |
| 7/10/2019 | 32.00 | 898.17 | 8:00 PM, Calm |
| 7/11/2019 | 32.00 | 898.17 | 8:00 PM, Calm |
| 7/12/2019 | 31.50 | 898.13 | 8:00 PM, Calm |
| 7/13/2019 | 31.00 | 898.08 | 8:00 PM, Calm |
| 7/14/2019 | 31.00 | 898.08 | 8:00 PM, Calm |
| 7/15/2019 | 30.50 | 898.04 | 8:00 PM, Calm |
| 7/16/2019 | 30.13 | 898.01 | 8:00 PM, Calm |
| 7/17/2019 | 29.88 | 897.99 | 8:00 PM, Calm |
| 7/18/2019 | 29.75 | 897.98 | 8:00 PM, Calm - rain |
| 7/19/2019 | 29.25 | 897.94 | 8:00 PM, Calm |
| 7/20/2019 | 28.50 | 897.88 | 8:00 PM, Calm - rain |
| 7/21/2019 | 28.75 | 897.90 | 8:00 PM, Calm - rain |
| 7/22/2019 | 28.50 | 897.88 | JV Verification 1:00 PM, Windy- |
| 7/23/2019 | 28.38 | 897.86 | 8:00 PM, Calm |
| 7/24/2019 | 28.00 | 897.83 | 8:00 PM, Very Calm - clear |
| 7/25/2019 | 27.50 | 897.79 | 8:00 PM, Very Calm - clear |
| 7/26/2019 | 27.25 | 897.77 | 8:00 PM, Very Calm - clear |
| 7/27/2019 | 27.00 | 897.75 | 8:00 PM, Very Calm - clear |
| 7/28/2019 | 26.50 | 897.71 | 8:00 PM, Small waves - clear |
| 7/29/2019 | 26.25 | 897.69 | JV Verification 1:00 PM, Wavy |
| 7/30/2019 | 26.00 | 897.67 | 8:00 PM, Calm - clear |
| 7/31/2019 | 25.50 | 897.63 | 8:00 PM, Calm - clear |
| 8/1/2019 | 25.25 | 897.60 | 8:00 PM, Calm - clear |
| 8/2/2019 | 25.00 | 897.58 | 8:00 PM, Calm - clear |
| 8/3/2019 | 24.75 | 897.56 | 8:00 PM, Calm - clear |
| 8/4/2019 | 24.50 | 897.54 | 8:00 PM, Calm - clear |
| 8/5/2019 | 24.37 | 897.53 | JV verification 2:15 PM, Wavy |
| 8/6/2019 | 24.25 | 897.52 | 8:00 PM, Calm - clear |
| 8/7/2019 | 24.25 | 897.52 | 8:00 PM, Calm - clear |
| 8/8/2019 | 24.25 | 897.52 | 8:00 PM, Breezy - clear |
| 8/9/2019 | 24.00 | 897.50 | 8:00 PM, Calm - clear |
| 8/10/2019 | 23.50 | 897.46 | 8:00 PM, Calm - clear |
| 8/11/2019 | 23.25 | 897.44 | 8:00 PM, Calm - clear |

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|-----------|-------|--------|---|------|
| 8/12/2019 | 23.00 | 897.42 | JV verification measurement, 12:30pm | |
| 8/13/2019 | 22.50 | 897.38 | | |
| 8/14/2019 | 23.25 | 897.44 | during rainfall | |
| 8/15/2019 | 23.00 | 897.42 | 8:00 PM, Calm - clear | |
| 8/16/2019 | 23.00 | 897.42 | 8:00 PM, Calm - clear | |
| 8/17/2019 | 23.00 | 897.42 | 8:00 PM, Calm - clear | |
| 8/18/2019 | 23.25 | 897.44 | 8:00 PM | |
| 8/19/2019 | 22.80 | 897.40 | JV verification measurement, 1:15 pm | |
| 8/20/2019 | 22.50 | 897.38 | 8:00 PM, Calm - clear | 1.21 |
| 8/21/2019 | 22.25 | 897.35 | | 1.23 |
| 8/22/2019 | 21.75 | 897.31 | | 1.27 |
| 8/23/2019 | 21.60 | 897.30 | JV measurement, 10:30am | 1.28 |
| 8/24/2019 | 21.00 | 897.25 | 8:00 PM, Calm - clear | 1.33 |
| 8/25/2019 | 20.75 | 897.23 | 8:00 PM, Calm - clear | 1.35 |
| 8/26/2019 | 20.60 | 897.22 | JV verification measurement, 9:45am | 1.36 |
| 8/27/2019 | 20.50 | 897.21 | pump turned off | 1.37 |
| 8/28/2019 | 20.50 | 897.21 | | |
| 8/29/2019 | 20.50 | 897.21 | | |
| 8/30/2019 | 20.20 | 897.18 | JV measurement, 10:45 am, lake calm | |
| 8/31/2019 | 20.00 | 897.17 | | |
| 9/1/2019 | 19.75 | 897.15 | | |
| 9/2/2019 | 19.50 | 897.13 | | |
| 9/3/2019 | 19.30 | 897.11 | JV Verification measurement; 10:45 am, wavy | |
| 9/4/2019 | 19.00 | 897.08 | 8:00 PM, Calm - clear | |
| 9/5/2019 | 19.00 | 897.08 | 8:00 PM, Calm - clear | |
| 9/6/2019 | | | | |

Eagle Lake Level Measurements

1. Record staff gauge readings daily

Staff Gauge Measurement of 0.00 equals
 a lake level elevation of 900.00 900.72
 Permit Limit 899.70 Contact the Township or P&N if met (see Conta

| Date | Staff Gauge Reading | | Observations |
|-----------|---------------------|-----------|-----------------------|
| | (inches) | Elevation | |
| 5/16/2019 | 30 | 903.22 | |
| 5/17/2019 | 31.5 | 903.35 | major storm overnight |
| 5/18/2019 | 32 | 903.39 | rained overnight |
| 5/19/2019 | 32.5 | 903.43 | more rain |
| 5/20/2019 | 32.75 | 903.45 | |
| 5/21/2019 | 32.5 | 903.43 | |
| 5/22/2019 | 32.75 | 903.45 | |
| 5/23/2019 | 32.75 | 903.45 | |
| 5/24/2019 | 32.9 | 903.46 | |
| 5/25/2019 | 32.9 | 903.46 | |
| 5/26/2019 | 33 | 903.47 | |
| 5/27/2019 | 33 | 903.47 | before thunderstorm |
| 5/28/2019 | 33.5 | 903.51 | |
| 5/29/2019 | 34 | 903.55 | |
| 5/30/2019 | 34 | 903.55 | pumping begins (DH) |
| 5/31/2019 | 34 | 903.55 | |
| 6/1/2019 | 34 | 903.55 | |
| 6/2/2019 | 33.9 | 903.55 | |
| 6/3/2019 | 33.5 | 903.51 | |
| 6/4/2019 | 33.38 | 903.50 | |
| 6/5/2019 | 34 | 903.55 | |
| 6/6/2019 | 34 | 903.55 | |
| 6/7/2019 | 33.75 | 903.53 | |
| 6/8/2019 | 33.62 | 903.52 | |
| 6/9/2019 | 33.62 | 903.52 | |
| 6/10/2019 | 33.62 | 903.52 | |
| 6/11/2019 | 33.25 | 903.49 | |
| 6/12/2019 | 33 | 903.47 | |
| 6/13/2019 | 34 | 903.55 | 6:30pm :(|
| 6/14/2019 | 34 | 903.55 | |
| 6/15/2019 | 34 | 903.55 | |
| 6/16/2019 | 34 | 903.55 | |
| 6/17/2019 | 33.75 | 903.53 | |
| 6/18/2019 | 33.62 | 903.52 | |

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|-----------|-------|--------|---|
| 6/19/2019 | 33.5 | 903.51 | |
| 6/20/2019 | 37 | 903.80 | |
| 6/21/2019 | 36.5 | 903.76 | |
| 6/22/2019 | 36.5 | 903.76 | |
| 6/23/2019 | 36.5 | 903.76 | |
| 6/24/2019 | 36.5 | 903.76 | |
| 6/25/2019 | 36.25 | 903.74 | |
| 6/26/2019 | 36.1 | 903.73 | pumping restart (DH) |
| 6/27/2019 | 36.1 | 903.73 | |
| 6/28/2019 | 3.72 | 903.72 | new measuring stick, measuring 36 on old one- |
| 6/29/2019 | 3.72 | 903.72 | |
| 6/30/2019 | 3.7 | 903.70 | |
| 7/1/2019 | 3.68 | 903.68 | |
| 7/2/2019 | 3.66 | 903.66 | |
| 7/3/2019 | 3.64 | 903.64 | |
| 7/4/2019 | 3.62 | 903.62 | |
| 7/5/2019 | 3.62 | 903.62 | |
| 7/6/2019 | 3.62 | 903.62 | |
| 7/7/2019 | 3.64 | 903.64 | |
| 7/8/2019 | 3.62 | 903.62 | |
| 7/9/2019 | 3.58 | 903.58 | |
| 7/10/2019 | | | |
| 7/11/2019 | 3.53 | 903.53 | |
| 7/12/2019 | 3.5 | 903.50 | |
| 7/13/2019 | | | |
| 7/14/2019 | | | |
| 7/15/2019 | 3.42 | 903.42 | @8:30am |
| 7/16/2019 | 3.4 | 903.40 | |
| 7/17/2019 | 3.38 | 903.38 | |
| 7/18/2019 | 3.36 | 903.36 | |
| 7/19/2019 | 3.34 | 903.34 | |
| 7/20/2019 | | | |
| 7/21/2019 | | | |
| 7/22/2019 | 3.31 | 903.31 | JV verification measurement |
| 7/23/2019 | 3.28 | 903.28 | |
| 7/24/2019 | 3.26 | 903.26 | |
| 7/25/2019 | 3.24 | 903.24 | |
| 7/26/2019 | 3.19 | 903.19 | P&N adjusted gage |
| 7/27/2019 | 3.16 | 903.16 | |
| 7/28/2019 | | | |
| 7/29/2019 | 3.1 | 903.10 | JV verification measurement- lake wavy |
| 7/30/2019 | 3.08 | 903.08 | |
| 7/31/2019 | | | |

| | | | |
|-----------|------|--------|---|
| 8/1/2019 | 3.02 | 903.02 | |
| 8/2/2019 | 3 | 903.00 | |
| 8/3/2019 | 2.98 | 902.98 | |
| 8/4/2019 | 2.96 | 902.96 | |
| 8/5/2019 | 2.94 | 902.94 | JV Verification measurement- lake wavy |
| 8/6/2019 | 2.94 | 902.94 | |
| 8/7/2019 | 2.92 | 902.92 | |
| 8/8/2019 | 2.92 | 902.92 | |
| 8/9/2019 | 2.92 | 902.92 | |
| 8/10/2019 | 2.92 | 902.92 | |
| 8/11/2019 | 2.88 | 902.88 | |
| 8/12/2019 | 2.84 | 902.84 | JV verification measurement |
| 8/13/2019 | | | |
| 8/14/2019 | 2.84 | 902.84 | (after rainfall) |
| 8/15/2019 | 2.83 | 902.83 | |
| 8/16/2019 | 2.82 | 902.82 | |
| 8/17/2019 | 2.82 | 902.82 | |
| 8/18/2019 | 2.84 | 902.84 | 8:00 PM |
| 8/19/2019 | 2.82 | 902.82 | JV verification measurement; 1:30pm, lake wav |
| 8/20/2019 | 2.8 | 902.80 | |
| 8/21/2019 | | | |
| 8/22/2019 | 2.78 | 902.78 | |
| 8/23/2019 | 2.74 | 902.74 | |
| 8/24/2019 | 2.7 | 902.70 | |
| 8/25/2019 | 2.68 | 902.68 | |
| 8/26/2019 | 2.68 | 902.68 | JV verification measurement; 9:30am, lake wav |
| 8/27/2019 | 2.69 | 902.69 | |
| 8/28/2019 | 2.68 | 902.68 | |
| 8/29/2019 | 2.66 | 902.66 | |
| 8/30/2019 | 2.64 | 902.64 | |
| 8/31/2019 | 2.62 | 902.62 | |
| 9/1/2019 | 2.6 | 902.60 | |
| 9/2/2019 | 2.58 | 902.58 | |
| 9/3/2019 | 2.54 | 902.54 | JV Verification measurement; 11 am, very wavy |
| 9/4/2019 | 2.55 | 902.55 | |
| 9/5/2019 | | | |
| 9/6/2019 | | | |

Bass Lake

1. Stage on the west (upstream) side of 24" CMP culvert outlet from Bass Lake
 2. Measure down from the top (Crown) of the culvert to the water surface using a standard grade rod
 3. Record measurement in the "Measure Down" column below.
 4. Record measurements 3 times per week
 5. Contact the Township or P&N Immediately if the Permit Limit (identified by a red X) is exceeded
- If more than 2 inches of rain occurs in the previous 24 hours, record elevations at culvert*

| | | Upstream Crown Elevation (CMP) | 884.14 | | |
|-----------|-----------------------------|---------------------------------------|--------|--|---|
| | | Downstream Crown Elevation (Concrete) | 884.73 | | |
| | | Permit Limit | 883.99 | | |
| Date | Measure Down (decimal feet) | Elevation | | Observation/ for Outlet to BSA Culvert | |
| 5/15/2019 | | 0.6 | 883.54 | | |
| 5/16/2019 | | | | | |
| 5/17/2019 | | 0.5 | 883.64 | | |
| 5/18/2019 | | | | | |
| 5/19/2019 | | 0.5 | 883.64 | | |
| 5/20/2019 | | | | | |
| 5/21/2019 | | | | | |
| 5/22/2019 | | 0.45 | 883.69 | | Culvert Entrance Crushed 0.14' lower than previously crushed dc |
| 5/23/2019 | | 0.47 | 883.67 | | |
| 5/24/2019 | | 0.45 | 883.69 | | |
| 5/25/2019 | | 0.44 | 883.70 | | |
| 5/26/2019 | | | | | |
| 5/27/2019 | | 0.4 | 883.74 | | |
| 5/28/2019 | | | | | |
| 5/29/2019 | | 0.43 | 883.71 | | |
| 5/30/2019 | | 0.38 | 883.76 | | |
| 5/31/2019 | | 0.38 | 883.76 | | |
| 6/1/2019 | | 0.4 | 883.74 | | |
| 6/2/2019 | | 0.36 | 883.78 | | |
| 6/3/2019 | | 0.34 | 883.80 | | |
| 6/4/2019 | | 0.32 | 883.82 | | |
| 6/5/2019 | | 0.32 | 883.82 | | |
| 6/6/2019 | | 0.32 | 883.82 | | |
| 6/7/2019 | | 0.32 | 883.82 | | |
| 6/8/2019 | | 0.34 | 883.80 | | |
| 6/9/2019 | | 0.34 | 883.80 | | |
| 6/10/2019 | | 0.34 | 883.80 | | |
| 6/11/2019 | | 0.33 | 883.81 | | |
| 6/12/2019 | | 0.32 | 883.82 | | |
| 6/13/2019 | | 0.31 | 883.83 | | |
| 6/14/2019 | | 0.23 | 883.91 | | |
| 6/15/2019 | | 0.17 | 883.97 | | |
| 6/16/2019 | | 0.15 | 883.99 | | |
| 6/17/2019 | | 0.12 | 884.02 | | |
| 6/18/2019 | | 0.00 | 884.14 | | Exceeds Limit- Pumps Stopped |
| 6/19/2019 | | | | | |
| 6/20/2019 | | -0.1 | 884.24 | | 3.5" rain event/ culvert appears to be smashed in |
| 6/21/2019 | | -0.11 | 884.25 | | |
| 6/22/2019 | | 0.08 | 884.06 | | |
| 6/23/2019 | | 0.12 | 884.02 | | |
| 6/24/2019 | | | | | |
| 6/25/2019 | | 0.29 | 883.85 | | |
| 6/26/2019 | | 0.29 | 883.85 | | |
| 6/27/2019 | | 0.26 | 883.88 | | |
| 6/28/2019 | | 0.23 | 883.91 | | |
| 6/29/2019 | | 0.21 | 883.93 | | |
| 6/30/2019 | | 0.21 | 883.93 | | |

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|-----------|------|--------|--|
| 7/1/2019 | 0.23 | 883.91 | Beaver Dam in 8th Street Culvert discovered and removed(JV) |
| 7/2/2019 | 0.23 | 883.91 | |
| 7/3/2019 | 0.2 | 883.94 | Crown elevation recalibrated |
| 7/4/2019 | 0.19 | 883.95 | |
| 7/5/2019 | 0.17 | 883.97 | |
| 7/6/2019 | 0.17 | 883.97 | |
| 7/7/2019 | 0.11 | 884.03 | |
| 7/8/2019 | 0.15 | 883.99 | |
| 7/9/2019 | 0.17 | 883.97 | |
| 7/10/2019 | 0.22 | 883.92 | |
| 7/11/2019 | 0.25 | 883.89 | |
| 7/12/2019 | 0.29 | 883.85 | |
| 7/13/2019 | 0.3 | 883.84 | |
| 7/14/2019 | 0.32 | 883.82 | |
| 7/15/2019 | 0.33 | 883.81 | |
| 7/16/2019 | 0.34 | 883.80 | |
| 7/17/2019 | | | |
| 7/18/2019 | | | Revised measure down location to Concrete Pipe. Limit is 0.75 |
| 7/19/2019 | 0.78 | 883.95 | Possible beaver blockage upstream but water is high |
| 7/20/2019 | 0.76 | 883.97 | |
| 7/21/2019 | 0.73 | 884.00 | |
| 7/22/2019 | 0.77 | 883.96 | |
| 7/23/2019 | 0.79 | 883.94 | |
| 7/24/2019 | 0.82 | 883.91 | |
| 7/25/2019 | 0.83 | 883.90 | |
| 7/26/2019 | 0.81 | 883.92 | |
| 7/27/2019 | 0.79 | 883.94 | |
| 7/28/2019 | 0.8 | 883.93 | |
| 7/29/2019 | 0.82 | 883.91 | |
| 7/30/2019 | 0.85 | 883.88 | |
| 7/31/2019 | 0.88 | 883.85 | |
| 8/1/2019 | 0.75 | 883.98 | JV and TW measurement |
| 8/2/2019 | 0.75 | 883.98 | JV measurement / pumps turned off at 4:30pm |
| 8/3/2019 | 0.92 | 883.81 | Rip Rap Installed JV Measurement/ pumps turned on @ 75% at 5 |
| 8/4/2019 | 0.94 | 883.79 | |
| 8/5/2019 | 0.81 | 883.92 | JV verification measurement- lake wavy |
| 8/6/2019 | 0.81 | 883.92 | |
| 8/7/2019 | 0.82 | 883.91 | |
| 8/8/2019 | 0.82 | 883.91 | |
| 8/9/2019 | 0.83 | 883.9 | |
| 8/10/2019 | 0.82 | 883.91 | |
| 8/11/2019 | 0.81 | 883.92 | |
| 8/12/2019 | 0.8 | 883.93 | |
| 8/13/2019 | 0.82 | 883.91 | |
| 8/14/2019 | | | Heavy rain |
| 8/15/2019 | 0.74 | 883.99 | JV measurement at 2pm. Mike T notified to shut pumps off |
| 8/16/2019 | 0.76 | 883.97 | JV measurement at 10:15 am. Pumps remain off, re-evaluate tor |
| 8/17/2019 | 0.77 | 883.96 | |
| 8/18/2019 | | | |
| 8/19/2019 | 0.78 | 883.95 | JV measurement at 2:00pm |
| 8/20/2019 | 0.79 | 883.94 | |
| 8/21/2019 | 0.81 | 883.92 | |
| 8/22/2019 | 0.84 | 883.89 | |
| 8/23/2019 | 0.8 | 883.93 | |
| 8/24/2019 | 0.79 | 883.94 | |
| 8/25/2019 | 0.78 | 883.95 | |
| 8/26/2019 | 0.78 | 883.95 | JV measurement |
| 8/27/2019 | 0.7 | 884.03 | JV measurement; DEQ notified and pumps turned off |
| 8/28/2019 | 0.74 | 883.99 | S Paddock measurement- pumps will remain off very windy from |

| | | | |
|-----------|------|--------|---|
| 8/29/2019 | 0.8 | 883.93 | |
| 8/30/2019 | 0.85 | 883.88 | S Paddock Mild breeze |
| 8/31/2019 | | | |
| 9/1/2019 | | | |
| 9/2/2019 | 0.76 | 883.97 | JV measurement; slight breeze |
| 9/3/2019 | 0.78 | 883.95 | |
| 9/4/2019 | 0.7 | 884.03 | S. Paddock, lake calm |
| 9/5/2019 | 0.74 | 883.99 | S. Paddock, lake calm, removed partial blockage |
| 9/6/2019 | 0.82 | 883.91 | S. Paddock measurement |

Pine Island Lake Level Measurements

1. Record staff gauge readings daily

Staff Gauge Measurement of 0 equals
a lake level elevation of 900

| Date | Staff Gauge Reading | Elevation | Observations |
|-----------|---------------------|-----------|--------------|
| 5/16/2019 | | | |
| 5/17/2019 | 4.8 | 904.80 | post storm |
| 5/18/2019 | | | |
| 5/19/2019 | 4.87 | 904.87 | post storm |
| 5/20/2019 | | | |
| 5/21/2019 | | | |
| 5/22/2019 | 4.87 | 904.87 | post storm |
| 5/23/2019 | | | |
| 5/24/2019 | 4.88 | 904.88 | post storm |
| 5/25/2019 | | | |
| 5/26/2019 | | | |
| 5/27/2019 | | | |
| 5/28/2019 | 4.9 | 904.90 | post storm |
| 5/29/2019 | | | |
| 5/30/2019 | | | |
| 5/31/2019 | | | |
| 6/1/2019 | | | |
| 6/2/2019 | | | |
| 6/3/2019 | 4.94 | 904.94 | post storm |
| 6/4/2019 | | | |
| 6/5/2019 | 4.9 | 904.90 | |
| 6/6/2019 | | | |
| 6/7/2019 | 4.96 | 904.96 | post storm |
| 6/8/2019 | | | |
| 6/9/2019 | 4.93 | 904.93 | |
| 6/10/2019 | | | |
| 6/11/2019 | 4.94 | 904.94 | post storm |
| 6/12/2019 | | | |
| 6/13/2019 | | | |
| 6/14/2019 | | | |
| 6/15/2019 | 5 | 905.00 | post storm |
| 6/16/2019 | | | |
| 6/17/2019 | | | |
| 6/18/2019 | | | |
| 6/19/2019 | 5 | 905.00 | |

| | | | |
|-----------|------|--------|----------------------|
| 6/20/2019 | 5.22 | 905.22 | post storm |
| 6/21/2019 | | | |
| 6/22/2019 | | | |
| 6/23/2019 | 5.2 | 905.20 | |
| 6/24/2019 | | | |
| 6/25/2019 | | | |
| 6/26/2019 | | | |
| 6/27/2019 | 5.16 | 905.16 | sunny |
| 6/28/2019 | | | |
| 6/29/2019 | 5.12 | 905.12 | sunny |
| 6/30/2019 | 5.12 | 905.12 | sunny |
| 7/1/2019 | | | |
| 7/2/2019 | | | |
| 7/3/2019 | | | |
| 7/4/2019 | 5.06 | 905.06 | sunny |
| 7/5/2019 | | | |
| 7/6/2019 | | | |
| 7/7/2019 | 5.06 | 905.06 | post storm |
| 7/8/2019 | | | |
| 7/9/2019 | | | |
| 7/10/2019 | 5 | 905.00 | sunny |
| 7/11/2019 | | | |
| 7/12/2019 | | | |
| 7/13/2019 | | | |
| 7/14/2019 | 4.92 | 904.92 | sunny |
| 7/15/2019 | | | |
| 7/16/2019 | | | |
| 7/17/2019 | 4.87 | 904.87 | sunny |
| 7/18/2019 | | | |
| 7/19/2019 | 4.85 | 904.85 | sunny |
| 7/20/2019 | | | |
| 7/21/2019 | 4.84 | 904.84 | partly cloudy, rainy |
| 7/22/2019 | | | |
| 7/23/2019 | | | |
| 7/24/2019 | 4.77 | 904.77 | sunny |
| 7/25/2019 | | | |
| 7/26/2019 | | | |
| 7/27/2019 | 4.7 | 904.70 | sunny |
| 7/28/2019 | | | |
| 7/29/2019 | | | |
| 7/30/2019 | | | |
| 7/31/2019 | | | |
| 8/1/2019 | | | |

| | | | |
|-----------|------|--------|---|
| 8/2/2019 | 4.6 | 904.60 | sunny |
| 8/3/2019 | | | |
| 8/4/2019 | | | |
| 8/5/2019 | | | |
| 8/6/2019 | 4.55 | 904.55 | |
| 8/7/2019 | | | |
| 8/8/2019 | | | |
| 8/9/2019 | | | |
| 8/10/2019 | | | |
| 8/11/2019 | 4.48 | 904.48 | |
| 8/12/2019 | | | |
| 8/13/2019 | | | |
| 8/14/2019 | 4.44 | 904.44 | prtly sunny/cloudy |
| 8/15/2019 | | | |
| 8/16/2019 | | | |
| 8/17/2019 | | | |
| 8/18/2019 | 4.48 | 904.48 | prtly sunny/cloudy/rain, pumps off 3 days |
| 8/19/2019 | | | |
| 8/20/2019 | | | |
| 8/21/2019 | | | |
| 8/22/2019 | 4.44 | 904.44 | sunny |
| 8/23/2019 | | | |
| 8/24/2019 | | | |
| 8/25/2019 | 4.38 | 904.38 | sunny |
| 8/26/2019 | 4.37 | 904.37 | rain |
| 8/27/2019 | 4.4 | 904.40 | rain/cloudy/sunny |
| 8/28/2019 | | | |
| 8/29/2019 | | | |
| 8/30/2019 | | | |
| 8/31/2019 | 4.34 | 904.34 | sun/pc |
| 9/1/2019 | | | |
| 9/2/2019 | 4.32 | 904.32 | ps/pc |
| 9/3/2019 | | | |
| 9/4/2019 | | | |
| 9/5/2019 | 4.27 | 904.27 | sunny |
| 9/6/2019 | | | |