

WVIC *Headwater/Tailwater Biweekly (Twice Monthly) Monitoring at Man-Made Reservoirs Dissolved Oxygen and Water Temperature Report*

Print Date: Jan 31, 2018

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| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (° C) |
|----------------------|-----------|-----------------|------------------|-----------|------------|
| EAU PLEINE RESERVOIR | | | | | |
| Jan 3, 2017 | Headwater | 8.6 | | | |
| | | | 1.0 | 12.6 | 1.2 |
| | | | 2.0 | 12.6 | 1.2 |
| | | | 3.0 | 11.9 | 1.4 |
| | | | 4.0 | 8.9 | 2.2 |
| | | | 5.0 | 6.9 | 2.6 |
| | | | 6.0 | 6.7 | 2.6 |
| | | | 7.0 | 6.2 | 2.9 |
| | | | 7.6 | 6.2 | 2.9 |
| | | | 8.1 | 6.2 | 3.0 |
| | | | 8.5 | 6.2 | 3.1 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 8.7 | 1.8 |

| | | | | | |
|--------------|-----------|-----|-----|------|-----|
| Jan 19, 2017 | Headwater | 9.8 | | | |
| | | | 1.0 | 11.5 | 1.5 |
| | | | 2.0 | 11.0 | 1.6 |
| | | | 3.0 | 8.6 | 2.2 |
| | | | 4.0 | 7.1 | 2.6 |
| | | | 5.0 | 6.4 | 3.0 |
| | | | 6.0 | 5.7 | 3.1 |
| | | | 7.0 | 5.3 | 3.1 |
| | | | 8.0 | 5.1 | 3.2 |
| | | | 8.8 | 4.9 | 3.2 |
| | | | 9.3 | 5.1 | 3.3 |
| | | | 9.7 | 5.3 | 3.2 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 12.3 | 2.9 |

| | | | | | |
|-------------|-----------|-----|-----|------|-----|
| Feb 8, 2017 | Headwater | 9.8 | | | |
| | | | 1.0 | 8.6 | 2.2 |
| | | | 2.0 | 8.6 | 2.2 |
| | | | 3.0 | 8.5 | 2.2 |
| | | | 4.0 | 8.5 | 2.2 |
| | | | 5.0 | 7.9 | 2.4 |
| | | | 6.0 | 6.8 | 2.7 |
| | | | 7.0 | 6.6 | 2.7 |
| | | | 8.0 | 6.3 | 2.8 |
| | | | 8.8 | 6.1 | 2.8 |
| | | | 9.3 | 6.0 | 2.9 |
| | | | 9.7 | 5.9 | 2.9 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 12.9 | 2.6 |

| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (° C) |
|----------------------|-----------|-----------------|------------------|-----------|------------|
| EAU PLEINE RESERVOIR | | | | | |
| Feb 27, 2017 | Headwater | 9.0 | | | |
| | | | 1.0 | 9.1 | 1.6 |
| | | | 2.0 | 8.9 | 1.7 |
| | | | 3.0 | 8.8 | 1.8 |
| | | | 4.0 | 8.6 | 2.0 |
| | | | 5.0 | 8.5 | 2.1 |
| | | | 6.0 | 8.5 | 2.2 |
| | | | 7.0 | 8.5 | 2.3 |
| | | | 8.0 | 8.4 | 2.4 |
| | | | 8.5 | 8.4 | 2.5 |
| | | | 8.9 | 8.5 | 2.7 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 9.1 | 7.0 |

| | | | | | |
|--------------|-----------|------|------|------|-----|
| Mar 20, 2017 | Headwater | 10.3 | | | |
| | | | 1.0 | 9.3 | 2.3 |
| | | | 2.0 | 9.3 | 2.3 |
| | | | 3.0 | 9.3 | 2.3 |
| | | | 4.0 | 9.4 | 2.3 |
| | | | 5.0 | 9.3 | 2.3 |
| | | | 6.0 | 9.3 | 2.3 |
| | | | 7.0 | 9.3 | 2.3 |
| | | | 8.0 | 9.0 | 2.3 |
| | | | 9.3 | 8.9 | 2.3 |
| | | | 9.8 | 9.1 | 2.3 |
| | | | 10.2 | 9.1 | 2.3 |
| | Tailwater | 0.9 | | | |
| | | | 0.8 | 13.3 | 2.6 |

| | | | | | |
|--------------|-----------|------|------|------|-----|
| Mar 28, 2017 | Headwater | 10.4 | | | |
| | | | 1.0 | 9.4 | 3.1 |
| | | | 2.0 | 9.5 | 3.0 |
| | | | 3.0 | 9.4 | 3.0 |
| | | | 4.0 | 9.4 | 3.0 |
| | | | 5.0 | 9.4 | 3.0 |
| | | | 6.0 | 9.4 | 3.0 |
| | | | 7.0 | 9.4 | 3.0 |
| | | | 8.0 | 9.4 | 3.0 |
| | | | 9.4 | 9.4 | 2.9 |
| | | | 9.9 | 9.4 | 3.0 |
| | | | 10.3 | 9.4 | 3.0 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 13.0 | 4.9 |

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| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (° C) |
|----------------------|-----------|-----------------|------------------|-----------|------------|
| EAU PLEINE RESERVOIR | | | | | |
| Apr 5, 2017 | Headwater | 9.2 | | | |
| | | | 1.0 | 11.3 | 4.5 |
| | | | 2.0 | 11.3 | 4.5 |
| | | | 3.0 | 11.3 | 4.5 |
| | | | 4.0 | 11.3 | 4.5 |
| | | | 5.0 | 11.3 | 4.5 |
| | | | 6.0 | 11.2 | 4.6 |
| | | | 7.0 | 11.2 | 4.6 |
| | | | 8.2 | 11.2 | 4.6 |
| | | | 8.7 | 11.1 | 4.7 |
| | | | 9.1 | 11.1 | 4.7 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 12.0 | 6.4 |
| Apr 28, 2017 | Headwater | 8.3 | | | |
| | | | 1.0 | 10.5 | 10.3 |
| | | | 2.0 | 10.4 | 10.3 |
| | | | 3.0 | 10.4 | 10.3 |
| | | | 4.0 | 10.3 | 10.3 |
| | | | 5.0 | 10.4 | 10.3 |
| | | | 6.0 | 10.3 | 10.3 |
| | | | 7.0 | 10.3 | 10.3 |
| | | | 7.3 | 10.3 | 10.3 |
| | | | 7.8 | 10.2 | 10.3 |
| | | | 8.2 | 10.2 | 10.3 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 11.6 | 10.7 |
| May 18, 2017 | Headwater | 9.2 | | | |
| | | | 1.0 | 9.4 | 15.4 |
| | | | 2.0 | 9.3 | 15.3 |
| | | | 3.0 | 9.3 | 15.3 |
| | | | 4.0 | 9.3 | 15.3 |
| | | | 5.0 | 9.3 | 15.2 |
| | | | 6.0 | 9.3 | 15.4 |
| | | | 7.0 | 9.2 | 15.2 |
| | | | 8.2 | 9.2 | 15.3 |
| | | | 8.6 | 9.2 | 15.3 |
| | | | 9.1 | 9.2 | 15.3 |
| | Tailwater | 0.3 | | | |
| | | | 0.2 | 9.8 | 15.8 |

| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (° C) |
|----------------------|-----------|-----------------|------------------|-----------|------------|
| EAU PLEINE RESERVOIR | | | | | |
| Jun 7, 2017 | Headwater | 9.0 | | | |
| | | | 1.0 | 9.8 | 21.7 |
| | | | 2.0 | 8.3 | 19.9 |
| | | | 3.0 | 8.1 | 19.7 |
| | | | 4.0 | 7.7 | 19.1 |
| | | | 5.0 | 7.0 | 17.2 |
| | | | 6.0 | 6.0 | 16.7 |
| | | | 7.0 | 6.0 | 16.7 |
| | | | 8.0 | 5.9 | 16.7 |
| | | | 8.5 | 5.6 | 16.6 |
| | | | 8.9 | 5.4 | 16.7 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 9.1 | 18.9 |
| Jun 30, 2017 | Headwater | 8.8 | | | |
| | | | 1.0 | 12.2 | 20.5 |
| | | | 2.0 | 8.4 | 19.8 |
| | | | 3.0 | 7.8 | 19.8 |
| | | | 4.0 | 7.8 | 19.8 |
| | | | 5.0 | 7.8 | 19.8 |
| | | | 6.0 | 7.9 | 19.8 |
| | | | 7.0 | 7.9 | 19.8 |
| | | | 7.8 | 7.9 | 19.8 |
| | | | 8.3 | 7.9 | 19.8 |
| | | | 8.7 | 7.9 | 19.9 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 9.7 | 20.2 |
| Jul 19, 2017 | Headwater | 8.7 | | | |
| | | | 1.0 | 11.1 | 25.2 |
| | | | 2.0 | 9.8 | 25.0 |
| | | | 3.0 | 7.7 | 24.6 |
| | | | 4.0 | 6.7 | 24.2 |
| | | | 5.0 | 3.8 | 22.8 |
| | | | 6.0 | 1.6 | 21.8 |
| | | | 7.0 | 0.3 | 20.5 |
| | | | 7.7 | 0.3 | 20.0 |
| | | | 8.2 | 0.3 | 19.9 |
| | | | 8.6 | 0.4 | 19.9 |
| | Tailwater | 0.3 | | | |
| | | | 0.2 | 8.8 | 23.8 |

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| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (° C) |
|-----------------------------|-----------|-----------------|------------------|-----------|------------|
| EAU PLEINE RESERVOIR | | | | | |
| Jul 31, 2017 | Headwater | 8.6 | | | |
| | | | 1.0 | 13.3 | 29.1 |
| | | | 2.0 | 9.6 | 25.8 |
| | | | 3.0 | 1.6 | 23.7 |
| | | | 4.0 | 1.2 | 23.6 |
| | | | 5.0 | 1.1 | 23.5 |
| | | | 6.0 | 0.6 | 23.2 |
| | | | 7.0 | 0.3 | 22.8 |
| | | | 7.6 | 0.3 | 22.8 |
| | | | 8.1 | 0.3 | 22.6 |
| | | | 8.5 | 0.4 | 21.3 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 8.0 | 24.4 |
| Aug 16, 2017 | Headwater | 8.5 | | | |
| | | | 1.0 | 10.2 | 22.6 |
| | | | 2.0 | 7.3 | 22.2 |
| | | | 3.0 | 6.2 | 22.0 |
| | | | 4.0 | 4.4 | 21.6 |
| | | | 5.0 | 4.4 | 21.6 |
| | | | 6.0 | 4.3 | 21.6 |
| | | | 7.0 | 4.2 | 21.6 |
| | | | 7.5 | 3.8 | 21.6 |
| | | | 8.0 | 3.4 | 21.6 |
| | | | 8.4 | 2.7 | 21.6 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 10.6 | 25.8 |
| Aug 24, 2017 | Headwater | 10.1 | | | |
| | | | 1.0 | 7.3 | 21.8 |
| | | | 2.0 | 7.1 | 21.6 |
| | | | 3.0 | 6.7 | 21.5 |
| | | | 4.0 | 6.5 | 21.5 |
| | | | 5.0 | 6.1 | 21.4 |
| | | | 6.0 | 6.1 | 21.4 |
| | | | 7.0 | 6.1 | 21.4 |
| | | | 8.0 | 6.2 | 21.4 |
| | | | 9.1 | 6.1 | 21.4 |
| | | | 9.6 | 6.1 | 21.4 |
| | | | 10.0 | 6.0 | 21.5 |
| | Tailwater | 0.3 | | | |
| | | | 0.2 | 9.8 | 23.3 |

| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (° C) |
|-----------------------------|-----------|-----------------|------------------|-----------|------------|
| EAU PLEINE RESERVOIR | | | | | |
| Sep 11, 2017 | Headwater | 10.0 | | | |
| | | | 1.0 | 11.2 | 19.0 |
| | | | 2.0 | 10.7 | 18.7 |
| | | | 3.0 | 10.7 | 18.6 |
| | | | 4.0 | 10.6 | 18.6 |
| | | | 5.0 | 10.6 | 18.6 |
| | | | 6.0 | 10.6 | 18.6 |
| | | | 7.0 | 10.5 | 18.6 |
| | | | 8.0 | 10.4 | 18.5 |
| | | | 9.0 | 9.7 | 18.2 |
| | | | 9.5 | 8.0 | 17.8 |
| | | | 9.9 | 6.3 | 17.6 |
| | Tailwater | 0.3 | | | |
| | | | 0.2 | 10.4 | 19.1 |
| Sep 29, 2017 | Headwater | 8.0 | | | |
| | | | 1.0 | 8.8 | 18.7 |
| | | | 2.0 | 8.8 | 18.7 |
| | | | 3.0 | 8.7 | 18.7 |
| | | | 4.0 | 8.7 | 18.7 |
| | | | 5.0 | 8.7 | 18.7 |
| | | | 6.0 | 8.7 | 18.7 |
| | | | 7.0 | 8.6 | 18.7 |
| | | | 7.5 | 8.6 | 18.7 |
| | | | 7.9 | 8.6 | 18.7 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 9.8 | 18.7 |
| Oct 16, 2017 | Headwater | 9.5 | | | |
| | | | 1.0 | 10.1 | 13.9 |
| | | | 2.0 | 10.1 | 13.9 |
| | | | 3.0 | 10.0 | 13.9 |
| | | | 4.0 | 10.0 | 13.9 |
| | | | 5.0 | 10.0 | 13.9 |
| | | | 6.0 | 9.9 | 13.9 |
| | | | 7.0 | 9.9 | 13.9 |
| | | | 8.0 | 9.9 | 13.8 |
| | | | 8.5 | 9.9 | 13.9 |
| | | | 9.0 | 9.9 | 13.9 |
| | | | 9.4 | 9.9 | 13.9 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 10.5 | 13.8 |

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| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (° C) |
|-----------------------------|-----------|-----------------|------------------|-----------|------------|
| EAU PLEINE RESERVOIR | | | | | |
| Oct 30, 2017 | Headwater | 9.3 | | | |
| | | | 1.0 | 11.5 | 7.0 |
| | | | 2.0 | 11.5 | 7.0 |
| | | | 3.0 | 11.5 | 7.0 |
| | | | 4.0 | 11.4 | 7.1 |
| | | | 5.0 | 11.5 | 7.0 |
| | | | 6.0 | 11.4 | 7.0 |
| | | | 7.0 | 11.4 | 7.0 |
| | | | 8.3 | 11.4 | 7.0 |
| | | | 8.7 | 11.4 | 7.1 |
| | | | 9.2 | 11.3 | 7.1 |
| | Tailwater | 0.3 | | | |
| | | | 0.2 | 11.9 | 6.5 |
| Nov 13, 2017 | Headwater | 9.4 | | | |
| | | | 1.0 | 12.4 | 2.4 |
| | | | 2.0 | 12.4 | 2.4 |
| | | | 3.0 | 12.3 | 2.4 |
| | | | 4.0 | 12.3 | 2.4 |
| | | | 5.0 | 12.3 | 2.4 |
| | | | 6.0 | 12.3 | 2.4 |
| | | | 7.0 | 12.3 | 2.4 |
| | | | 8.4 | 12.2 | 2.4 |
| | | | 8.9 | 12.3 | 2.4 |
| | | | 9.3 | 12.2 | 2.5 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 13.0 | 3.2 |
| Nov 20, 2017 | Headwater | 7.8 | | | |
| | | | 1.0 | 12.9 | 1.6 |
| | | | 2.0 | 12.8 | 1.6 |
| | | | 3.0 | 12.8 | 1.6 |
| | | | 4.0 | 12.8 | 1.6 |
| | | | 5.0 | 12.7 | 1.7 |
| | | | 6.0 | 12.7 | 1.7 |
| | | | 6.8 | 12.5 | 1.9 |
| | | | 7.3 | 12.0 | 2.3 |
| | | | 7.7 | 11.2 | 3.6 |
| | Tailwater | 0.3 | | | |
| | | | 0.2 | 12.9 | 2.6 |
| Dec 14, 2017 | Tailwater | 0.2 | | | |
| | | | 0.1 | 12.8 | 1.7 |
| Dec 22, 2017 | Tailwater | 0.3 | | | |
| | | | 0.2 | 12.3 | 1.3 |

| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (° C) |
|--------------------------|-----------|-----------------|------------------|-----------|------------|
| RAINBOW RESERVOIR | | | | | |
| Jan 16, 2017 | Headwater | 7.3 | | | |
| | | | 1.0 | 8.4 | 0.2 |
| | | | 2.0 | 8.4 | 0.2 |
| | | | 3.0 | 8.4 | 0.2 |
| | | | 4.0 | 8.3 | 0.4 |
| | | | 5.0 | 8.0 | 1.4 |
| | | | 6.3 | 7.8 | 1.5 |
| | | | 6.8 | 7.7 | 1.7 |
| | | | 7.2 | 7.8 | 1.7 |
| | Tailwater | 0.8 | | | |
| | | | 0.7 | 12.4 | 0.8 |
| Jan 20, 2017 | Headwater | 7.1 | | | |
| | | | 1.0 | 8.0 | 0.3 |
| | | | 2.0 | 7.9 | 0.3 |
| | | | 3.0 | 7.9 | 0.4 |
| | | | 4.0 | 8.0 | 0.6 |
| | | | 5.0 | 8.0 | 0.6 |
| | | | 6.1 | 7.7 | 1.4 |
| | | | 6.6 | 7.4 | 1.8 |
| | | | 7.0 | 7.3 | 1.9 |
| | Tailwater | 1.0 | | | |
| | | | 0.9 | 11.9 | 1.0 |
| Feb 10, 2017 | Headwater | 6.5 | | | |
| | | | 1.0 | 8.2 | 0.3 |
| | | | 2.0 | 8.2 | 0.2 |
| | | | 3.0 | 8.2 | 0.3 |
| | | | 4.0 | 8.1 | 0.4 |
| | | | 5.0 | 8.0 | 0.5 |
| | | | 5.5 | 7.7 | 0.7 |
| | | | 6.0 | 7.5 | 0.7 |
| | | | 6.4 | 7.2 | 0.9 |
| | Tailwater | 0.5 | | | |
| | | | 0.4 | 11.6 | 0.6 |
| Feb 23, 2017 | Headwater | 6.5 | | | |
| | | | 1.0 | 7.3 | 1.1 |
| | | | 2.0 | 7.3 | 1.1 |
| | | | 3.0 | 7.3 | 1.2 |
| | | | 4.0 | 7.3 | 1.2 |
| | | | 5.0 | 7.3 | 1.3 |
| | | | 5.5 | 7.2 | 1.4 |
| | | | 6.0 | 7.2 | 1.6 |
| | | | 6.4 | 7.0 | 2.2 |
| | Tailwater | 1.2 | | | |
| | | | 1.1 | 12.2 | 1.3 |

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| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (° C) |
|-------------------|-----------|-----------------|------------------|-----------|------------|
| RAINBOW RESERVOIR | | | | | |
| Mar 9, 2017 | | | | | |
| | Headwater | 7.2 | | | |
| | | | 1.0 | 8.9 | 1.4 |
| | | | 2.0 | 8.9 | 1.4 |
| | | | 3.0 | 8.8 | 1.4 |
| | | | 4.0 | 8.8 | 1.4 |
| | | | 5.0 | 8.6 | 1.4 |
| | | | 6.2 | 7.4 | 1.6 |
| | | | 6.7 | 6.8 | 1.7 |
| | | | 7.1 | 6.8 | 1.9 |
| | Tailwater | 0.6 | | | |
| | | | 0.5 | 12.9 | 1.5 |
| Mar 27, 2017 | | | | | |
| | Headwater | 7.5 | | | |
| | | | 1.0 | 10.3 | 2.3 |
| | | | 2.0 | 10.2 | 2.4 |
| | | | 3.0 | 10.2 | 2.4 |
| | | | 4.0 | 10.1 | 2.4 |
| | | | 5.0 | 10.0 | 2.4 |
| | | | 6.0 | 9.9 | 2.6 |
| | | | 6.5 | 9.9 | 2.6 |
| | | | 7.0 | 9.3 | 3.0 |
| | | | 7.4 | 9.3 | 3.2 |
| | Tailwater | 1.0 | | | |
| | | | 0.9 | 12.5 | 2.7 |
| Apr 4, 2017 | | | | | |
| | Headwater | 7.5 | | | |
| | | | 1.0 | 10.4 | 4.1 |
| | | | 2.0 | 10.4 | 4.1 |
| | | | 3.0 | 10.4 | 4.1 |
| | | | 4.0 | 10.4 | 4.1 |
| | | | 5.0 | 10.4 | 4.1 |
| | | | 6.0 | 10.4 | 4.1 |
| | | | 6.5 | 10.5 | 4.1 |
| | | | 7.0 | 10.5 | 4.2 |
| | | | 7.4 | 10.5 | 4.2 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 12.0 | 4.3 |
| Apr 25, 2017 | | | | | |
| | Headwater | 8.3 | | | |
| | | | 1.0 | 10.7 | 9.5 |
| | | | 2.0 | 10.6 | 9.5 |
| | | | 3.0 | 10.6 | 9.5 |
| | | | 4.0 | 10.6 | 9.5 |
| | | | 5.0 | 10.6 | 9.5 |
| | | | 6.0 | 10.6 | 9.5 |
| | | | 7.3 | 10.6 | 9.5 |
| | | | 7.8 | 10.5 | 9.5 |
| | | | 8.2 | 10.5 | 9.5 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 11.0 | 9.7 |

| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (° C) |
|-------------------|-----------|-----------------|------------------|-----------|------------|
| RAINBOW RESERVOIR | | | | | |
| May 1, 2017 | | | | | |
| | Headwater | 8.4 | | | |
| | | | 1.0 | 10.8 | 7.9 |
| | | | 2.0 | 10.8 | 7.9 |
| | | | 3.0 | 10.8 | 7.9 |
| | | | 4.0 | 10.8 | 7.9 |
| | | | 5.0 | 10.8 | 7.9 |
| | | | 6.0 | 10.8 | 7.9 |
| | | | 7.0 | 10.7 | 7.9 |
| | | | 7.4 | 10.7 | 7.9 |
| | | | 7.9 | 10.7 | 7.9 |
| | | | 8.3 | 10.7 | 7.9 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 11.4 | 8.0 |
| May 19, 2017 | | | | | |
| | Headwater | 8.4 | | | |
| | | | 1.0 | 9.4 | 13.2 |
| | | | 2.0 | 9.4 | 13.2 |
| | | | 3.0 | 9.4 | 13.2 |
| | | | 4.0 | 9.4 | 13.2 |
| | | | 5.0 | 9.4 | 13.2 |
| | | | 6.0 | 9.3 | 13.2 |
| | | | 7.0 | 9.3 | 13.2 |
| | | | 7.4 | 9.3 | 13.2 |
| | | | 7.9 | 9.3 | 13.3 |
| | | | 8.3 | 9.3 | 13.3 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 10.4 | 13.2 |
| Jun 12, 2017 | | | | | |
| | Headwater | 8.5 | | | |
| | | | 1.0 | 7.8 | 21.0 |
| | | | 2.0 | 7.8 | 21.0 |
| | | | 3.0 | 7.7 | 20.9 |
| | | | 4.0 | 7.7 | 20.9 |
| | | | 5.0 | 7.7 | 20.8 |
| | | | 6.0 | 7.7 | 20.8 |
| | | | 7.0 | 7.7 | 20.8 |
| | | | 7.5 | 7.6 | 20.7 |
| | | | 8.4 | 7.4 | 20.5 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 8.7 | 20.6 |
| Jun 29, 2017 | | | | | |
| | Headwater | 8.3 | | | |
| | | | 1.0 | 7.2 | 18.7 |
| | | | 2.0 | 7.2 | 18.7 |
| | | | 3.0 | 7.1 | 18.7 |
| | | | 4.0 | 7.1 | 18.7 |
| | | | 5.0 | 7.1 | 18.7 |
| | | | 6.0 | 7.1 | 18.7 |
| | | | 7.3 | 7.0 | 18.7 |
| | | | 7.8 | 7.0 | 18.7 |
| | | | 8.2 | 7.1 | 18.7 |
| | Tailwater | 0.3 | | | |
| | | | 0.2 | 8.7 | 18.7 |

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| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (° C) |
|-------------------|-----------|-----------------|------------------|-----------|------------|
| RAINBOW RESERVOIR | | | | | |
| Jul 5, 2017 | Headwater | 8.2 | | | |
| | | | 1.0 | 6.9 | 19.5 |
| | | | 2.0 | 6.8 | 19.4 |
| | | | 3.0 | 5.6 | 18.6 |
| | | | 4.0 | 5.6 | 18.6 |
| | | | 5.0 | 5.6 | 18.6 |
| | | | 6.0 | 5.6 | 18.6 |
| | | | 7.2 | 5.3 | 18.7 |
| | | | 7.7 | 5.3 | 18.7 |
| | | | 8.1 | 5.3 | 18.7 |
| | Tailwater | 0.9 | | | |
| | | | 0.8 | 8.6 | 19.1 |
| Jul 19, 2017 | Headwater | 8.1 | | | |
| | | | 1.0 | 7.2 | 22.9 |
| | | | 2.0 | 7.2 | 22.6 |
| | | | 3.0 | 7.0 | 22.5 |
| | | | 4.0 | 5.9 | 21.8 |
| | | | 5.0 | 5.6 | 21.7 |
| | | | 6.0 | 5.5 | 21.6 |
| | | | 7.1 | 5.2 | 21.5 |
| | | | 7.6 | 5.2 | 21.5 |
| | | | 8.0 | 5.0 | 21.5 |
| | Tailwater | 0.9 | | | |
| | | | 0.8 | 8.3 | 23.2 |
| Aug 1, 2017 | Headwater | 8.1 | | | |
| | | | 1.0 | 5.4 | 22.5 |
| | | | 2.0 | 5.2 | 22.4 |
| | | | 3.0 | 5.2 | 22.4 |
| | | | 4.0 | 5.3 | 22.4 |
| | | | 5.0 | 5.2 | 22.3 |
| | | | 6.0 | 5.0 | 22.3 |
| | | | 7.0 | 4.4 | 22.1 |
| | | | 7.6 | 1.6 | 21.2 |
| | | | 8.0 | 1.2 | 20.9 |
| | Tailwater | 1.2 | | | |
| | | | 1.1 | 8.2 | 22.5 |
| Aug 30, 2017 | Headwater | 8.2 | | | |
| | | | 1.0 | 7.8 | 19.4 |
| | | | 2.0 | 7.8 | 19.4 |
| | | | 3.0 | 7.7 | 19.4 |
| | | | 4.0 | 7.7 | 19.4 |
| | | | 5.0 | 7.7 | 19.4 |
| | | | 6.0 | 7.7 | 19.4 |
| | | | 7.2 | 7.6 | 19.4 |
| | | | 7.7 | 7.6 | 19.4 |
| | | | 8.1 | 7.6 | 19.4 |
| | Tailwater | 1.5 | | | |
| | | | 1.4 | 9.0 | 19.3 |

| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (° C) |
|-------------------|-----------|-----------------|------------------|-----------|------------|
| RAINBOW RESERVOIR | | | | | |
| Sep 7, 2017 | Headwater | 8.2 | | | |
| | | | 1.0 | 8.7 | 17.3 |
| | | | 2.0 | 8.7 | 17.3 |
| | | | 3.0 | 8.7 | 17.3 |
| | | | 4.0 | 8.7 | 17.3 |
| | | | 5.0 | 8.6 | 17.3 |
| | | | 6.0 | 8.6 | 17.3 |
| | | | 7.2 | 8.4 | 17.1 |
| | | | 7.7 | 8.5 | 17.1 |
| | | | 8.1 | 8.4 | 17.2 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 9.5 | 17.1 |
| Sep 21, 2017 | Headwater | 7.6 | | | |
| | | | 1.0 | 8.4 | 18.6 |
| | | | 2.0 | 8.3 | 18.6 |
| | | | 3.0 | 8.3 | 18.6 |
| | | | 4.0 | 8.3 | 18.6 |
| | | | 5.0 | 8.3 | 18.6 |
| | | | 6.0 | 8.3 | 18.5 |
| | | | 6.6 | 8.3 | 18.5 |
| | | | 7.1 | 8.3 | 18.5 |
| | | | 7.5 | 8.3 | 18.6 |
| | Tailwater | 1.0 | | | |
| | | | 0.9 | 9.3 | 18.5 |
| Oct 3, 2017 | Headwater | 7.4 | | | |
| | | | 1.0 | 8.2 | 16.6 |
| | | | 2.0 | 8.2 | 16.6 |
| | | | 3.0 | 8.2 | 16.6 |
| | | | 4.0 | 8.2 | 16.6 |
| | | | 5.0 | 8.1 | 16.6 |
| | | | 6.0 | 8.1 | 16.6 |
| | | | 6.4 | 8.1 | 16.6 |
| | | | 6.9 | 8.1 | 16.6 |
| | | | 7.3 | 8.1 | 16.7 |
| | Tailwater | 0.7 | | | |
| | | | 0.6 | 9.4 | 16.8 |
| Oct 31, 2017 | Headwater | 8.4 | | | |
| | | | 1.0 | 10.5 | 6.8 |
| | | | 2.0 | 10.4 | 6.8 |
| | | | 3.0 | 10.4 | 6.8 |
| | | | 4.0 | 10.4 | 6.8 |
| | | | 5.0 | 10.4 | 6.8 |
| | | | 6.0 | 10.4 | 6.8 |
| | | | 7.0 | 10.4 | 6.8 |
| | | | 7.4 | 10.4 | 6.8 |
| | | | 7.9 | 10.3 | 6.8 |
| | | | 8.3 | 10.3 | 6.8 |
| | Tailwater | 1.0 | | | |
| | | | 0.9 | 12.0 | 6.8 |

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| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (° C) |
|--------------------------|-----------|-----------------|------------------|-----------|------------|
| RAINBOW RESERVOIR | | | | | |
| Nov 16, 2017 | | | | | |
| | Headwater | 8.2 | | | |
| | | | 1.0 | 12.6 | 1.0 |
| | | | 2.0 | 12.6 | 1.0 |
| | | | 3.0 | 12.6 | 1.0 |
| | | | 4.0 | 12.6 | 1.0 |
| | | | 5.0 | 12.5 | 1.0 |
| | | | 6.0 | 12.5 | 1.0 |
| | | | 7.2 | 12.5 | 1.0 |
| | | | 7.7 | 12.4 | 1.1 |
| | | | 8.1 | 12.4 | 1.1 |
| | Tailwater | 0.9 | | | |
| | | | 0.8 | 13.9 | 1.0 |
| Nov 30, 2017 | | | | | |
| | Headwater | 8.1 | | | |
| | | | 1.0 | 11.9 | 1.6 |
| | | | 2.0 | 11.9 | 1.6 |
| | | | 3.0 | 11.9 | 1.6 |
| | | | 4.0 | 11.8 | 1.7 |
| | | | 5.0 | 11.8 | 1.7 |
| | | | 6.0 | 11.8 | 1.7 |
| | | | 7.1 | 11.7 | 1.7 |
| | | | 7.5 | 11.7 | 1.8 |
| | | | 8.0 | 11.7 | 1.9 |
| | Tailwater | 0.7 | | | |
| | | | 0.6 | 13.0 | 1.9 |
| Dec 15, 2017 | | | | | |
| | Headwater | 7.9 | | | |
| | | | 1.0 | 11.9 | 0.4 |
| | | | 2.0 | 11.9 | 0.4 |
| | | | 3.0 | 11.9 | 0.4 |
| | | | 4.0 | 11.9 | 0.4 |
| | | | 5.0 | 11.8 | 0.5 |
| | | | 6.0 | 11.7 | 0.6 |
| | | | 6.9 | 11.7 | 0.6 |
| | | | 7.4 | 11.7 | 0.6 |
| | | | 7.8 | 11.7 | 0.6 |
| | Tailwater | 0.4 | | | |
| | | | 0.3 | 13.6 | 0.5 |
| Dec 21, 2017 | | | | | |
| | Headwater | 8.1 | | | |
| | | | 1.0 | 11.1 | 0.5 |
| | | | 2.0 | 11.2 | 0.5 |
| | | | 3.0 | 11.4 | 0.5 |
| | | | 4.0 | 11.1 | 0.5 |
| | | | 5.0 | 10.5 | 0.5 |
| | | | 6.0 | 10.2 | 0.5 |
| | | | 7.1 | 10.2 | 0.6 |
| | | | 7.6 | 10.6 | 0.6 |
| | | | 8.0 | 10.7 | 0.7 |
| | Tailwater | 0.4 | | | |
| | | | 0.3 | 13.4 | 0.6 |

| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (° C) |
|-----------------------|-----------|-----------------|------------------|-----------|------------|
| RICE RESERVOIR | | | | | |
| Jan 16, 2017 | | | | | |
| | Headwater | 3.6 | | | |
| | | | 1.0 | 11.1 | 0.3 |
| | | | 2.0 | 11.1 | 0.3 |
| | | | 2.6 | 11.1 | 0.4 |
| | | | 3.1 | 11.2 | 0.5 |
| | | | 3.5 | 11.4 | 0.3 |
| | Tailwater | 0.3 | | | |
| | | | 0.2 | 12.1 | 0.8 |
| Jan 27, 2017 | | | | | |
| | Headwater | 3.1 | | | |
| | | | 1.0 | 10.3 | 0.9 |
| | | | 2.1 | 10.2 | 1.0 |
| | | | 2.6 | 10.3 | 1.0 |
| | | | 3.0 | 10.4 | 1.0 |
| | Tailwater | 0.3 | | | |
| | | | 0.2 | 12.4 | 1.1 |
| Feb 10, 2017 | | | | | |
| | Headwater | 2.8 | | | |
| | | | 1.0 | 11.2 | 0.4 |
| | | | 1.8 | 11.2 | 0.5 |
| | | | 2.3 | 11.3 | 0.5 |
| | | | 2.7 | 11.6 | 0.5 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 12.8 | 0.1 |
| Feb 23, 2017 | | | | | |
| | Headwater | 3.1 | | | |
| | | | 1.0 | 10.5 | 2.7 |
| | | | 2.1 | 10.5 | 2.8 |
| | | | 2.6 | 10.5 | 2.8 |
| | | | 3.0 | 10.6 | 3.0 |
| | Tailwater | 0.6 | | | |
| | | | 0.5 | 12.2 | 2.8 |
| Mar 9, 2017 | | | | | |
| | Headwater | 3.8 | | | |
| | | | 1.0 | 10.7 | 2.2 |
| | | | 2.0 | 10.7 | 2.2 |
| | | | 2.8 | 10.7 | 2.2 |
| | | | 3.3 | 10.7 | 2.2 |
| | | | 3.7 | 10.7 | 2.2 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 12.3 | 2.6 |
| Mar 16, 2017 | | | | | |
| | Headwater | 3.3 | | | |
| | | | 1.0 | 11.7 | 3.0 |
| | | | 2.3 | 11.7 | 2.9 |
| | | | 2.8 | 11.7 | 2.9 |
| | | | 3.2 | 11.7 | 3.0 |
| | Tailwater | 0.6 | | | |
| | | | 0.5 | 12.3 | 3.1 |

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| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (°C) |
|----------------|-----------|-----------------|------------------|-----------|-----------|
| RICE RESERVOIR | | | | | |
| Apr 7, 2017 | | | | | |
| | Headwater | 4.2 | | | |
| | | | 1.0 | 12.1 | 6.8 |
| | | | 2.0 | 12.0 | 6.7 |
| | | | 3.2 | 12.0 | 6.6 |
| | | | 3.7 | 12.0 | 6.6 |
| | | | 4.1 | 12.0 | 6.6 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 12.0 | 6.4 |
| Apr 25, 2017 | | | | | |
| | Headwater | 4.2 | | | |
| | | | 1.0 | 10.7 | 11.7 |
| | | | 2.0 | 10.6 | 11.8 |
| | | | 3.2 | 10.7 | 11.8 |
| | | | 3.7 | 10.6 | 11.9 |
| | | | 4.1 | 10.6 | 11.9 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 10.6 | 11.2 |
| May 1, 2017 | | | | | |
| | Headwater | 3.7 | | | |
| | | | 1.0 | 10.7 | 8.5 |
| | | | 2.0 | 10.7 | 8.5 |
| | | | 2.7 | 10.7 | 8.5 |
| | | | 3.2 | 10.7 | 8.5 |
| | | | 3.6 | 10.7 | 8.5 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 11.0 | 8.4 |
| May 19, 2017 | | | | | |
| | Headwater | 4.3 | | | |
| | | | 1.0 | 9.1 | 14.3 |
| | | | 2.0 | 9.0 | 14.3 |
| | | | 3.3 | 9.0 | 14.3 |
| | | | 3.8 | 9.0 | 14.3 |
| | | | 4.2 | 9.0 | 14.3 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 9.7 | 14.1 |
| Jun 21, 2017 | | | | | |
| | Headwater | 4.4 | | | |
| | | | 1.0 | 7.3 | 21.1 |
| | | | 2.0 | 7.3 | 21.1 |
| | | | 3.0 | 7.1 | 20.8 |
| | | | 3.4 | 7.2 | 20.8 |
| | | | 3.8 | 7.0 | 20.6 |
| | | | 4.3 | 7.0 | 20.6 |
| | Tailwater | 1.5 | | | |
| | | | 1.4 | 7.9 | 20.9 |
| Jun 29, 2017 | | | | | |
| | Headwater | 3.5 | | | |
| | | | 1.0 | 8.4 | 18.2 |
| | | | 2.0 | 8.3 | 18.2 |
| | | | 2.5 | 8.3 | 18.2 |
| | | | 3.0 | 8.3 | 18.2 |
| | | | 3.4 | 8.3 | 18.2 |
| | Tailwater | 0.3 | | | |
| | | | 0.2 | 8.3 | 18.2 |

| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (°C) |
|----------------|-----------|-----------------|------------------|-----------|-----------|
| RICE RESERVOIR | | | | | |
| Jul 10, 2017 | | | | | |
| | Headwater | 3.8 | | | |
| | | | 1.0 | 7.5 | 22.3 |
| | | | 2.0 | 7.5 | 22.2 |
| | | | 2.8 | 7.6 | 22.2 |
| | | | 3.5 | 7.5 | 22.2 |
| | | | 3.7 | 7.5 | 22.2 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 7.7 | 23.0 |
| Jul 26, 2017 | | | | | |
| | Headwater | 4.3 | | | |
| | | | 1.0 | 7.2 | 22.8 |
| | | | 2.0 | 7.1 | 22.8 |
| | | | 3.0 | 7.1 | 22.8 |
| | | | 3.3 | 7.1 | 22.8 |
| | | | 3.8 | 7.1 | 22.8 |
| | | | 4.2 | 7.2 | 22.8 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 7.8 | 22.8 |
| Aug 4, 2017 | | | | | |
| | Headwater | 2.7 | | | |
| | | | 1.0 | 8.2 | 21.2 |
| | | | 1.7 | 8.1 | 21.2 |
| | | | 2.2 | 8.2 | 21.2 |
| | | | 2.6 | 8.1 | 21.2 |
| | Tailwater | 1.5 | | | |
| | | | 1.4 | 8.5 | 21.1 |
| Aug 22, 2017 | | | | | |
| | Headwater | 3.6 | | | |
| | | | 1.0 | 7.1 | 21.2 |
| | | | 2.0 | 7.1 | 21.2 |
| | | | 2.6 | 7.1 | 21.2 |
| | | | 3.1 | 7.1 | 21.2 |
| | | | 3.5 | 7.1 | 21.2 |
| | Tailwater | 0.8 | | | |
| | | | 0.7 | 8.9 | 19.7 |
| Sep 7, 2017 | | | | | |
| | Headwater | 4.0 | | | |
| | | | 1.0 | 8.0 | 16.9 |
| | | | 2.0 | 8.0 | 16.9 |
| | | | 3.0 | 8.0 | 16.9 |
| | | | 3.5 | 8.0 | 16.8 |
| | | | 3.9 | 8.0 | 16.8 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 8.8 | 16.8 |
| Sep 21, 2017 | | | | | |
| | Headwater | 3.7 | | | |
| | | | 1.0 | 8.2 | 19.5 |
| | | | 2.0 | 8.1 | 19.5 |
| | | | 2.7 | 8.1 | 19.5 |
| | | | 3.2 | 8.1 | 19.5 |
| | | | 3.6 | 8.1 | 19.5 |
| | Tailwater | 0.8 | | | |
| | | | 0.7 | 8.6 | 19.1 |

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| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (°C) |
|-----------------------|-----------|-----------------|------------------|-----------|-----------|
| RICE RESERVOIR | | | | | |
| Oct 3, 2017 | Headwater | 3.2 | | | |
| | | | 1.0 | 8.7 | 16.8 |
| | | | 2.2 | 8.7 | 16.8 |
| | | | 2.7 | 8.7 | 16.8 |
| | | | 3.1 | 8.7 | 16.9 |
| | Tailwater | 0.3 | | | |
| | | | 0.2 | 8.9 | 16.8 |
| Oct 31, 2017 | Headwater | 2.8 | | | |
| | | | 1.0 | 10.6 | 5.9 |
| | | | 1.8 | 10.6 | 5.9 |
| | | | 2.3 | 10.6 | 5.9 |
| | | | 2.7 | 10.6 | 5.9 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 11.4 | 5.9 |
| Nov 15, 2017 | Headwater | 3.9 | | | |
| | | | 1.0 | 12.5 | 1.2 |
| | | | 2.0 | 12.5 | 1.2 |
| | | | 2.9 | 12.5 | 1.2 |
| | | | 3.4 | 12.4 | 1.3 |
| | | | 3.8 | 12.4 | 1.3 |
| | Tailwater | 1.0 | | | |
| | | | 0.9 | 12.9 | 1.6 |
| Nov 30, 2017 | Headwater | 3.7 | | | |
| | | | 1.0 | 12.3 | 1.4 |
| | | | 2.0 | 12.3 | 1.4 |
| | | | 2.7 | 12.2 | 1.5 |
| | | | 3.0 | 12.1 | 1.7 |
| | | | 3.6 | 11.9 | 1.9 |
| | Tailwater | 0.5 | | | |
| | | | 0.4 | 12.9 | 1.5 |
| Dec 15, 2017 | Headwater | 4.0 | | | |
| | | | 1.0 | 12.6 | 0.3 |
| | | | 2.0 | 12.6 | 0.3 |
| | | | 3.0 | 12.5 | 0.4 |
| | | | 3.5 | 12.5 | 0.4 |
| | | | 3.9 | 12.5 | 0.5 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 12.9 | 0.7 |
| Dec 21, 2017 | Headwater | 4.0 | | | |
| | | | 1.0 | 11.4 | 0.5 |
| | | | 2.0 | 11.4 | 0.6 |
| | | | 3.0 | 11.4 | 0.7 |
| | | | 3.5 | 11.3 | 0.8 |
| | | | 3.9 | 11.3 | 1.0 |
| | Tailwater | 0.4 | | | |
| | | | 0.3 | 12.8 | 0.8 |

| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (°C) |
|-------------------------|-----------|-----------------|------------------|-----------|-----------|
| SPIRIT RESERVOIR | | | | | |
| Jan 16, 2017 | Headwater | 3.9 | | | |
| | | | 1.0 | 11.2 | 1.1 |
| | | | 2.0 | 10.8 | 1.3 |
| | | | 2.9 | 10.0 | 1.5 |
| | | | 3.4 | 6.5 | 3.0 |
| | | | 3.8 | 6.0 | 3.5 |
| | Tailwater | 1.1 | | | |
| | | | 1.0 | 9.9 | 1.6 |
| Jan 27, 2017 | Headwater | 3.9 | | | |
| | | | 1.0 | 10.8 | 0.6 |
| | | | 2.0 | 10.7 | 0.8 |
| | | | 2.9 | 10.0 | 1.3 |
| | | | 3.4 | 8.5 | 2.0 |
| | | | 3.8 | 7.6 | 2.6 |
| | Tailwater | 0.6 | | | |
| | | | 0.5 | 11.1 | 1.5 |
| Feb 10, 2017 | Headwater | 3.8 | | | |
| | | | 1.0 | 9.5 | 1.7 |
| | | | 2.0 | 9.5 | 1.8 |
| | | | 2.8 | 9.4 | 1.7 |
| | | | 3.3 | 9.2 | 1.9 |
| | | | 3.7 | 9.4 | 2.1 |
| | Tailwater | 0.3 | | | |
| | | | 0.2 | 10.6 | 1.5 |
| Mar 9, 2017 | Headwater | 3.8 | | | |
| | | | 1.0 | 11.4 | 1.2 |
| | | | 2.0 | 11.4 | 1.2 |
| | | | 2.8 | 11.3 | 1.2 |
| | | | 3.3 | 11.4 | 1.2 |
| | | | 3.7 | 11.4 | 1.2 |
| | Tailwater | 0.7 | | | |
| | | | 0.6 | 12.4 | 1.4 |
| Mar 16, 2017 | Headwater | 3.8 | | | |
| | | | 1.0 | 11.9 | 2.1 |
| | | | 2.0 | 11.9 | 2.1 |
| | | | 2.8 | 11.8 | 2.2 |
| | | | 3.3 | 11.8 | 2.2 |
| | | | 3.7 | 11.7 | 2.3 |
| | Tailwater | 0.6 | | | |
| | | | 0.5 | 12.2 | 3.3 |
| Apr 7, 2017 | Headwater | 3.6 | | | |
| | | | 1.0 | 12.4 | 7.3 |
| | | | 2.0 | 12.3 | 7.3 |
| | | | 2.6 | 12.4 | 7.1 |
| | | | 3.1 | 12.1 | 6.8 |
| | | | 3.5 | 12.1 | 5.8 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 12.2 | 6.2 |

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| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (°C) |
|------------------|-----------|-----------------|------------------|-----------|-----------|
| SPIRIT RESERVOIR | | | | | |
| Apr 25, 2017 | | | | | |
| | Headwater | 3.6 | | | |
| | | | 1.0 | 9.9 | 12.0 |
| | | | 2.0 | 9.9 | 12.0 |
| | | | 2.6 | 9.9 | 12.0 |
| | | | 3.1 | 9.9 | 12.0 |
| | | | 3.5 | 9.8 | 12.1 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 10.0 | 12.0 |
| May 1, 2017 | | | | | |
| | Headwater | 3.5 | | | |
| | | | 1.0 | 11.2 | 7.3 |
| | | | 2.0 | 11.1 | 7.3 |
| | | | 2.5 | 11.1 | 7.2 |
| | | | 3.0 | 11.1 | 7.2 |
| | | | 3.4 | 11.0 | 7.3 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 11.0 | 7.5 |
| May 30, 2017 | | | | | |
| | Headwater | 4.1 | | | |
| | | | 1.0 | 8.9 | 16.1 |
| | | | 2.0 | 8.8 | 16.2 |
| | | | 3.1 | 8.8 | 16.1 |
| | | | 3.6 | 8.8 | 16.1 |
| | | | 4.0 | 8.8 | 16.0 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 8.7 | 15.9 |
| Jun 21, 2017 | | | | | |
| | Headwater | 5.0 | | | |
| | | | 1.0 | 7.5 | 22.8 |
| | | | 2.0 | 7.5 | 23.1 |
| | | | 3.0 | 7.2 | 21.8 |
| | | | 4.0 | 7.3 | 22.2 |
| | | | 4.5 | 6.8 | 20.6 |
| | | | 4.9 | 6.7 | 19.9 |
| | Tailwater | 1.3 | | | |
| | | | 1.2 | 7.0 | 20.2 |
| Jun 29, 2017 | | | | | |
| | Headwater | 3.8 | | | |
| | | | 1.0 | 7.7 | 18.0 |
| | | | 2.0 | 7.7 | 18.0 |
| | | | 2.8 | 7.7 | 18.0 |
| | | | 3.3 | 7.7 | 18.0 |
| | | | 3.7 | 7.7 | 18.0 |
| | Tailwater | 0.6 | | | |
| | | | 0.5 | 8.3 | 18.0 |
| Jul 19, 2017 | | | | | |
| | Headwater | 4.0 | | | |
| | | | 1.0 | 8.6 | 24.5 |
| | | | 2.0 | 8.1 | 24.3 |
| | | | 3.0 | 8.0 | 24.0 |
| | | | 3.5 | 7.9 | 24.0 |
| | | | 3.9 | 7.8 | 23.9 |
| | Tailwater | 0.4 | | | |
| | | | 0.3 | 7.5 | 24.9 |

| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (°C) |
|------------------|-----------|-----------------|------------------|-----------|-----------|
| SPIRIT RESERVOIR | | | | | |
| Jul 26, 2017 | | | | | |
| | Headwater | 3.9 | | | |
| | | | 1.0 | 8.4 | 24.1 |
| | | | 2.0 | 7.5 | 23.7 |
| | | | 2.9 | 6.9 | 23.5 |
| | | | 3.4 | 6.6 | 23.4 |
| | | | 3.8 | 6.4 | 23.4 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 7.5 | 23.7 |
| Aug 4, 2017 | | | | | |
| | Headwater | 3.8 | | | |
| | | | 1.0 | 7.0 | 21.3 |
| | | | 2.0 | 7.0 | 21.3 |
| | | | 2.8 | 7.0 | 21.3 |
| | | | 3.3 | 7.0 | 21.2 |
| | | | 3.7 | 7.0 | 21.2 |
| | Tailwater | 0.6 | | | |
| | | | 0.5 | 6.7 | 20.6 |
| Aug 30, 2017 | | | | | |
| | Headwater | 3.9 | | | |
| | | | 1.0 | 6.7 | 21.5 |
| | | | 2.0 | 6.7 | 21.5 |
| | | | 2.9 | 6.6 | 21.5 |
| | | | 3.4 | 6.5 | 21.4 |
| | | | 3.8 | 5.9 | 21.0 |
| | Tailwater | 0.5 | | | |
| | | | 0.4 | 7.3 | 20.5 |
| Sep 7, 2017 | | | | | |
| | Headwater | 3.9 | | | |
| | | | 1.0 | 7.0 | 17.1 |
| | | | 2.0 | 7.0 | 17.1 |
| | | | 2.9 | 7.0 | 17.1 |
| | | | 3.4 | 7.0 | 17.1 |
| | | | 3.8 | 7.0 | 17.1 |
| | Tailwater | 0.5 | | | |
| | | | 0.4 | 8.1 | 16.6 |
| Sep 21, 2017 | | | | | |
| | Headwater | 3.7 | | | |
| | | | 1.0 | 6.9 | 18.7 |
| | | | 2.0 | 6.9 | 18.7 |
| | | | 2.7 | 6.8 | 18.7 |
| | | | 3.2 | 6.8 | 18.7 |
| | | | 3.6 | 6.7 | 18.6 |
| | Tailwater | 0.5 | | | |
| | | | 0.4 | 7.0 | 18.9 |
| Oct 4, 2017 | | | | | |
| | Headwater | 3.6 | | | |
| | | | 1.0 | 7.9 | 16.6 |
| | | | 2.0 | 7.9 | 16.6 |
| | | | 2.6 | 7.9 | 16.6 |
| | | | 3.1 | 8.0 | 16.5 |
| | | | 3.5 | 8.0 | 16.5 |
| | Tailwater | 0.6 | | | |
| | | | 0.5 | 7.6 | 16.2 |

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| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (° C) |
|-------------------------|-----------|-----------------|------------------|-----------|------------|
| SPIRIT RESERVOIR | | | | | |
| Oct 31, 2017 | Headwater | 4.0 | | | |
| | | | 1.0 | 10.6 | 5.1 |
| | | | 2.0 | 10.6 | 5.1 |
| | | | 3.0 | 10.6 | 4.9 |
| | | | 3.5 | 10.6 | 5.0 |
| | | | 3.9 | 10.6 | 4.9 |
| | Tailwater | 0.5 | | | |
| | | | 0.4 | 11.1 | 5.5 |
| Nov 15, 2017 | Headwater | 4.0 | | | |
| | | | 1.0 | 12.2 | 1.3 |
| | | | 2.0 | 11.7 | 1.9 |
| | | | 3.0 | 11.5 | 2.1 |
| | | | 3.5 | 11.1 | 2.4 |
| | | | 3.9 | 11.0 | 2.5 |
| | Tailwater | 0.5 | | | |
| | | | 0.4 | 11.6 | 2.3 |
| Dec 15, 2017 | Headwater | 3.8 | | | |
| | | | 1.0 | 11.7 | 1.3 |
| | | | 2.0 | 11.5 | 1.2 |
| | | | 2.8 | 11.6 | 1.3 |
| | | | 3.3 | 11.4 | 1.4 |
| | | | 3.7 | 11.5 | 1.4 |
| | Tailwater | 0.5 | | | |
| | | | 0.4 | 12.5 | 1.0 |

| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (° C) |
|-------------------------|-----------|-----------------|------------------|-----------|------------|
| WILLOW RESERVOIR | | | | | |
| Jan 16, 2017 | Headwater | 5.7 | | | |
| | | | 1.0 | 8.8 | 1.5 |
| | | | 2.0 | 8.0 | 1.9 |
| | | | 3.0 | 7.9 | 2.2 |
| | | | 4.0 | 8.3 | 1.9 |
| | | | 4.7 | 8.2 | 1.9 |
| | | | 5.2 | 8.1 | 2.0 |
| | | | 5.6 | 8.0 | 2.0 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 13.0 | 1.0 |
| Jan 27, 2017 | Headwater | 5.5 | | | |
| | | | 1.0 | 8.0 | 1.8 |
| | | | 2.0 | 7.9 | 1.9 |
| | | | 3.0 | 7.8 | 1.9 |
| | | | 4.0 | 7.8 | 2.0 |
| | | | 4.5 | 7.8 | 2.0 |
| | | | 5.0 | 7.9 | 2.1 |
| | | | 5.4 | 7.9 | 2.2 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 12.5 | 1.9 |
| Feb 10, 2017 | Headwater | 5.4 | | | |
| | | | 1.0 | 7.6 | 1.7 |
| | | | 2.0 | 7.4 | 1.8 |
| | | | 3.0 | 7.5 | 1.8 |
| | | | 4.0 | 7.4 | 1.8 |
| | | | 4.4 | 7.4 | 1.8 |
| | | | 4.9 | 7.4 | 1.8 |
| | | | 5.3 | 7.4 | 1.8 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 13.1 | 0.6 |
| Feb 23, 2017 | Headwater | 5.3 | | | |
| | | | 1.0 | 7.7 | 1.9 |
| | | | 2.0 | 7.7 | 2.0 |
| | | | 3.0 | 7.4 | 2.0 |
| | | | 4.3 | 7.1 | 2.2 |
| | | | 4.8 | 7.0 | 2.2 |
| | | | 5.2 | 7.1 | 2.3 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 14.6 | 3.9 |
| Mar 9, 2017 | Headwater | 5.9 | | | |
| | | | 1.0 | 7.9 | 2.5 |
| | | | 2.0 | 7.8 | 2.5 |
| | | | 3.0 | 7.6 | 2.6 |
| | | | 4.0 | 7.6 | 2.6 |
| | | | 4.9 | 7.7 | 2.6 |
| | | | 5.4 | 7.6 | 2.6 |
| | | | 5.8 | 7.4 | 2.7 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 13.3 | 2.8 |

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| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (° C) |
|------------------|-----------|-----------------|------------------|-----------|------------|
| WILLOW RESERVOIR | | | | | |
| Mar 27, 2017 | | | | | |
| | Headwater | 6.1 | | | |
| | | | 1.0 | 9.6 | 3.9 |
| | | | 2.0 | 8.5 | 3.8 |
| | | | 3.0 | 7.4 | 3.8 |
| | | | 4.0 | 7.5 | 3.8 |
| | | | 5.1 | 7.3 | 3.9 |
| | | | 5.6 | 7.3 | 4.0 |
| | | | 6.0 | 7.2 | 4.1 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 12.7 | 4.4 |
| Apr 7, 2017 | | | | | |
| | Headwater | 6.5 | | | |
| | | | 1.0 | 9.9 | 5.2 |
| | | | 2.0 | 9.9 | 5.0 |
| | | | 3.0 | 9.9 | 4.9 |
| | | | 4.0 | 9.8 | 4.9 |
| | | | 5.0 | 9.8 | 4.9 |
| | | | 5.5 | 9.8 | 4.9 |
| | | | 6.0 | 9.8 | 4.9 |
| | | | 6.4 | 9.8 | 5.0 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 12.1 | 5.6 |
| Apr 25, 2017 | | | | | |
| | Headwater | 7.0 | | | |
| | | | 1.0 | 10.7 | 9.9 |
| | | | 2.0 | 10.7 | 9.9 |
| | | | 3.0 | 10.6 | 9.9 |
| | | | 4.0 | 10.6 | 9.9 |
| | | | 5.0 | 10.6 | 9.9 |
| | | | 6.0 | 10.6 | 9.9 |
| | | | 6.5 | 10.6 | 9.9 |
| | | | 6.9 | 10.6 | 9.9 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 10.8 | 11.0 |
| May 1, 2017 | | | | | |
| | Headwater | 7.0 | | | |
| | | | 1.0 | 10.6 | 8.6 |
| | | | 2.0 | 10.5 | 8.6 |
| | | | 3.0 | 10.5 | 8.6 |
| | | | 4.0 | 10.5 | 8.6 |
| | | | 5.0 | 10.5 | 8.6 |
| | | | 6.0 | 10.5 | 8.6 |
| | | | 6.5 | 10.5 | 8.6 |
| | | | 6.9 | 10.4 | 8.7 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 11.1 | 8.6 |

| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (° C) |
|------------------|-----------|-----------------|------------------|-----------|------------|
| WILLOW RESERVOIR | | | | | |
| May 19, 2017 | | | | | |
| | Headwater | 7.1 | | | |
| | | | 1.0 | 8.6 | 13.5 |
| | | | 2.0 | 8.6 | 13.5 |
| | | | 3.0 | 8.6 | 13.5 |
| | | | 4.0 | 8.5 | 13.5 |
| | | | 5.0 | 8.5 | 13.5 |
| | | | 6.1 | 8.4 | 13.4 |
| | | | 6.6 | 8.5 | 13.5 |
| | | | 7.0 | 8.4 | 13.4 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 9.9 | 13.7 |
| Jun 12, 2017 | | | | | |
| | Headwater | 7.0 | | | |
| | | | 1.0 | 7.2 | 20.1 |
| | | | 2.0 | 7.2 | 20.1 |
| | | | 3.0 | 7.1 | 19.9 |
| | | | 4.0 | 7.1 | 19.9 |
| | | | 5.0 | 7.0 | 19.9 |
| | | | 6.0 | 7.0 | 19.8 |
| | | | 6.5 | 7.0 | 19.8 |
| | | | 6.9 | 7.0 | 19.9 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 8.3 | 21.0 |
| Jun 29, 2017 | | | | | |
| | Headwater | 7.0 | | | |
| | | | 1.0 | 8.3 | 18.8 |
| | | | 2.0 | 8.3 | 18.7 |
| | | | 3.0 | 8.3 | 18.7 |
| | | | 4.0 | 8.3 | 18.7 |
| | | | 5.0 | 8.2 | 18.7 |
| | | | 6.0 | 8.2 | 18.7 |
| | | | 6.5 | 8.1 | 18.7 |
| | | | 6.9 | 8.1 | 18.7 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 8.8 | 18.7 |
| Jul 19, 2017 | | | | | |
| | Headwater | 7.0 | | | |
| | | | 1.0 | 7.5 | 23.6 |
| | | | 2.0 | 7.3 | 23.3 |
| | | | 3.0 | 6.8 | 23.0 |
| | | | 4.0 | 5.7 | 22.2 |
| | | | 5.0 | 5.1 | 21.9 |
| | | | 6.0 | 2.9 | 20.5 |
| | | | 6.5 | 2.6 | 20.4 |
| | | | 6.9 | 1.0 | 19.5 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 7.8 | 23.4 |

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| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (° C) |
|------------------|-----------|-----------------|------------------|-----------|------------|
| WILLOW RESERVOIR | | | | | |
| Jul 26, 2017 | | | | | |
| | Headwater | 6.9 | | | |
| | | | 1.0 | 7.1 | 23.4 |
| | | | 2.0 | 7.1 | 23.4 |
| | | | 3.0 | 7.1 | 23.4 |
| | | | 4.0 | 7.1 | 23.4 |
| | | | 5.0 | 6.8 | 23.2 |
| | | | 5.9 | 6.8 | 23.2 |
| | | | 6.4 | 2.5 | 21.1 |
| | | | 6.8 | 0.4 | 19.4 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 8.7 | 24.1 |
| Aug 4, 2017 | | | | | |
| | Headwater | 6.8 | | | |
| | | | 1.0 | 6.0 | 21.5 |
| | | | 2.0 | 5.9 | 21.5 |
| | | | 3.0 | 5.9 | 21.5 |
| | | | 4.0 | 5.9 | 21.5 |
| | | | 5.0 | 5.9 | 21.5 |
| | | | 5.8 | 5.9 | 21.5 |
| | | | 6.3 | 5.9 | 21.5 |
| | | | 6.7 | 5.9 | 21.5 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 8.4 | 20.9 |
| Aug 22, 2017 | | | | | |
| | Headwater | 6.4 | | | |
| | | | 1.0 | 8.5 | 22.1 |
| | | | 2.0 | 8.4 | 22.1 |
| | | | 3.0 | 8.4 | 22.1 |
| | | | 4.0 | 8.4 | 22.1 |
| | | | 5.0 | 8.4 | 22.1 |
| | | | 5.4 | 8.4 | 22.1 |
| | | | 5.9 | 8.4 | 22.0 |
| | | | 6.3 | 8.3 | 22.0 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 7.2 | 17.4 |
| Sep 7, 2017 | | | | | |
| | Headwater | 6.7 | | | |
| | | | 1.0 | 8.0 | 17.6 |
| | | | 2.0 | 7.8 | 17.5 |
| | | | 3.0 | 7.7 | 17.5 |
| | | | 4.0 | 7.7 | 17.5 |
| | | | 5.0 | 7.7 | 17.5 |
| | | | 5.7 | 7.7 | 17.5 |
| | | | 6.2 | 7.7 | 17.5 |
| | | | 6.6 | 7.7 | 17.5 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 9.0 | 17.7 |

| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (° C) |
|------------------|-----------|-----------------|------------------|-----------|------------|
| WILLOW RESERVOIR | | | | | |
| Sep 21, 2017 | | | | | |
| | Headwater | 6.4 | | | |
| | | | 1.0 | 6.8 | 18.6 |
| | | | 2.0 | 6.8 | 18.6 |
| | | | 3.0 | 6.7 | 18.6 |
| | | | 4.0 | 6.7 | 18.6 |
| | | | 5.0 | 6.7 | 18.6 |
| | | | 5.4 | 6.7 | 18.6 |
| | | | 5.9 | 6.7 | 18.6 |
| | | | 6.3 | 6.6 | 18.6 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 8.6 | 19.5 |
| Oct 3, 2017 | | | | | |
| | Headwater | 6.3 | | | |
| | | | 1.0 | 8.1 | 16.7 |
| | | | 2.0 | 8.0 | 16.7 |
| | | | 3.0 | 8.0 | 16.7 |
| | | | 4.0 | 8.0 | 16.8 |
| | | | 5.3 | 7.9 | 16.8 |
| | | | 5.8 | 7.9 | 16.8 |
| | | | 6.2 | 7.9 | 16.9 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 8.1 | 16.2 |
| Oct 31, 2017 | | | | | |
| | Headwater | 7.0 | | | |
| | | | 1.0 | 10.6 | 6.6 |
| | | | 2.0 | 10.6 | 6.6 |
| | | | 3.0 | 10.5 | 6.6 |
| | | | 4.0 | 10.5 | 6.6 |
| | | | 5.0 | 10.5 | 6.6 |
| | | | 6.0 | 10.5 | 6.5 |
| | | | 6.5 | 10.5 | 6.5 |
| | | | 6.9 | 10.5 | 6.5 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 11.9 | 6.5 |
| Nov 15, 2017 | | | | | |
| | Headwater | 7.0 | | | |
| | | | 1.0 | 12.6 | 1.2 |
| | | | 2.0 | 12.5 | 1.2 |
| | | | 3.0 | 12.5 | 1.2 |
| | | | 4.0 | 12.5 | 1.2 |
| | | | 5.0 | 12.5 | 1.2 |
| | | | 6.0 | 12.5 | 1.2 |
| | | | 6.5 | 12.4 | 1.2 |
| | | | 6.9 | 12.4 | 1.2 |
| | Tailwater | 0.2 | | | |
| | | | 0.1 | 13.0 | 2.2 |

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| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (° C) |
|------|---------|-----------------|------------------|-----------|------------|
|------|---------|-----------------|------------------|-----------|------------|

WILLOW RESERVOIR

Nov 30, 2017

| | | | | | |
|-----------|-----|-----|------|-----|--|
| Headwater | 6.9 | | | | |
| | | 1.0 | 12.3 | 1.4 | |
| | | 2.0 | 12.3 | 1.4 | |
| | | 3.0 | 12.3 | 1.4 | |
| | | 4.0 | 12.2 | 1.5 | |
| | | 5.0 | 12.2 | 1.5 | |
| | | 5.9 | 12.2 | 1.5 | |
| | | 6.4 | 12.2 | 1.5 | |
| | | 6.8 | 12.1 | 1.7 | |
| Tailwater | 0.2 | | | | |
| | | 0.1 | 13.0 | 1.9 | |

Dec 15, 2017

| | | | | | |
|-----------|-----|-----|------|-----|--|
| Headwater | 6.5 | | | | |
| | | 1.0 | 12.7 | 0.4 | |
| | | 2.0 | 12.7 | 0.4 | |
| | | 3.0 | 12.4 | 0.6 | |
| | | 4.0 | 12.2 | 0.8 | |
| | | 5.0 | 12.3 | 0.8 | |
| | | 5.5 | 12.2 | 0.8 | |
| | | 6.0 | 12.1 | 0.9 | |
| | | 6.4 | 12.1 | 0.9 | |
| Tailwater | 0.2 | | | | |
| | | 0.1 | 13.8 | 0.8 | |

Dec 21, 2017

| | | | | | |
|-----------|-----|-----|------|-----|--|
| Headwater | 6.3 | | | | |
| | | 1.0 | 11.7 | 1.0 | |
| | | 2.0 | 11.4 | 1.1 | |
| | | 3.0 | 11.3 | 1.2 | |
| | | 4.0 | 11.2 | 1.3 | |
| | | 5.3 | 11.1 | 1.4 | |
| | | 5.7 | 11.1 | 1.4 | |
| | | 6.2 | 11.2 | 1.5 | |
| Tailwater | 0.2 | | | | |
| | | 0.1 | 13.4 | 1.0 | |

| Date | Station | Total Depth (m) | Sample Depth (m) | DO (mg/L) | Temp (° C) |
|------|---------|-----------------|------------------|-----------|------------|
|------|---------|-----------------|------------------|-----------|------------|