



**Real-Time Water Quality Monitoring Network
Calibration and Maintenance Schedule**

030A015 – Flora Creek below Trans Labrador Highway

The water quality probe is periodically removed to undergo necessary maintenance and calibration. Some of these removals are necessary to perform scheduled maintenance while others may be done in response to sudden fouling of the sensors or loss of calibration.

The maintenance/calibration process involves removing the water quality probe from the water body for cleaning, replacement of sensors and fluids, calibration and testing in a temperature-controlled laboratory. This usually takes place over a period of two days but may take longer for specific sites or to address unique problems.

| Item Number | Date and time instrument was removed (mm/dd/yy) | | Date and time instrument was reinstalled (mm/dd/yy) | | Reason | Remarks |
|--------------------|--|-------|--|-------|-------------------------|--|
| 1 | | | 06/07/14 | 08:30 | Initial installation | |
| 2 | 07/08/14 | | 07/09/14 | 10:10 | Maintenance/Calibration | |
| 3 | 08/06/14 | 14:00 | 08/07/14 | 10:30 | Maintenance/Calibration | |
| 4 | 09/04/14 | 13:10 | 09/05/14 | 10:10 | Maintenance/Calibration | |
| 5 | 10/15/14 | | | | | EXO2 was removed for the winter season. It will be reinstalled in the spring when ice conditions allow |
| 6 | | | 06/04/15 | 17:00 | Initial installation | |
| 7 | 07/07/15 | | 07/08/15 | 12:30 | Maintenance/Calibration | |
| 8 | 08/18/15 | 13:30 | 08/19/15 | 11:45 | Maintenance/Calibration | |
| 9 | 09/22/15 | 14:40 | 09/23/15 | 10:30 | Maintenance/Calibration | |
| 10 | 10/23/15 | | | | | EXO2 was removed for the winter season. It will be reinstalled in the spring when ice conditions allow |
| 11 | | | 06/04/15 | 17:00 | Initial installation | |
| 12 | 07/07/15 | | 07/08/15 | 12:30 | Maintenance/Calibration | |
| 13 | 08/18/15 | 13:30 | 08/19/15 | 11:45 | Maintenance/Calibration | |
| 14 | 09/22/15 | 14:40 | 09/23/15 | 10:30 | Maintenance/Calibration | |
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|----|----------|-------|----------|-------|-------------------------|--|
| 15 | 10/23/15 | | | | | EXO2 was removed for the winter season. It will be reinstalled in the spring when ice conditions allow |
| 14 | | | 06/11/16 | 11:00 | Initial installation | |
| 15 | 07/20/16 | 11:25 | 07/21/16 | 12:30 | Maintenance/Calibration | |
| 16 | 08/30/16 | 15:49 | 08/31/16 | 16:00 | Maintenance/Calibration | |
| 17 | 10/12/16 | ----- | | | | EXO2 was removed for the winter season. It will be reinstalled in the spring when ice conditions allow |
| 18 | | | 06/13/17 | 13:10 | Initial installation | |
| 19 | 07/18/17 | 17:00 | 07/20/17 | 12:30 | Maintenance/Calibration | |
| 20 | 09/12/17 | 18:00 | 19/13/17 | 11:15 | Maintenance/Calibration | |
| 21 | 10/23/17 | 15:40 | | | | EXO2 was removed for the winter season. It will be reinstalled in the spring when ice conditions allow |
| 22 | | | 06/12/18 | 10:30 | Initial installation | |
| 23 | 09/11/18 | 15:00 | 09/12/18 | 13:50 | Maintenance/Calibration | |
| 24 | 10/17/18 | 15:00 | | | | EXO2 was removed for the winter season. It will be reinstalled in the spring when ice conditions allow |
| 25 | | | 06/12/19 | 11:00 | Initial installation | |
| 26 | 07/17/19 | 14:40 | 07/18/19 | 09:00 | Maintenance/Calibration | |
| 27 | 08/28/19 | 12:15 | 08/28/19 | 13:10 | Maintenance/Calibration | |
| 28 | 10/16/19 | 13:35 | | | | EXO2 was removed for the winter season. It will be reinstalled in the spring when ice conditions allow |
| 29 | | | 07/16/20 | 09:30 | Initial Installation | |
| 30 | 09/02/20 | 09:10 | 09/02/20 | 09:35 | Maintenance/Calibration | |
| 31 | 10/28/20 | 13:30 | | | | EXO2 was removed for the winter season. It will be reinstalled in the spring when ice conditions allow |