



Real-Time Water Quality Monitoring Network Calibration and Maintenance Schedule

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.

IOC1WLDR – Wabush Lake at Dolomite Road

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

						season. It will be reinstalled in the spring when ice conditions allow.
13			06/12/19	10:15	Initial installation	
14	07/16/19	14:30	07/17/19	14:50	Maintenance/Calibration	
15	08/26/19	15:45	08/26/19	16:00	Maintenance/Calibration	
16	10/15/19	14:50				Instrument was removed for the winter season. It will be reinstalled in the spring when ice conditions allow.
17			07/16/20	10:45	Initial installation	
18	09/02/20	10:40	09/02/20	11:30	Maintenance/Calibration	
19	10/28/20	14:40				Instrument was removed for the winter season. It will be reinstalled in the spring when ice conditions allow.

IOC2WLJN – Wabush Lake at Lake Outlet

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

						spring when ice conditions allow.
9			06/13/18	10:30	Initial installation	
10	08/17/18	12:00	08/17/18	12:35	Maintenance/Calibration	
11	09/11/18	14:45	09/12/18	13:00	Maintenance/Calibration	
12	10/17/18	14:00				Instrument was removed for the winter season. It will be reinstalled in the spring when ice conditions allow.
13			06/12/19	09:35	Initial installation	
14	07/16/19	13:30	07/16/19	14:00	Maintenance/Calibration	
15	08/28/19	10:00	08/28/19	11:15	Maintenance/Calibration	
16	10/16/19	12:50				Instrument was removed for the winter season. It will be reinstalled in the spring when ice conditions allow.
17			07/16/20	10:00	Initial installation	
18	09/02/20	10:15	09/02/20	10:30	Maintenance/Calibration	
19	10/28/20	13:00				Instrument was removed for the winter season. It will be reinstalled in the spring when ice conditions allow.

03OA0022 – Dumbell Stream above Dumbell Lake

Item Number	Date and time instrument was removed (mm/dd/yy)		Date and time instrument was reinstalled (mm/dd/yy)		Reason	Remarks
1			06/08/16	15:30	Initial installation	
2	07/20/16	17:00	07/20/16	17:10	Maintenance/Calibration	.
3	08/31/16	10:20	08/31/16	10:30	Maintenance/Calibration	
4	10/13/16	08:45				Instrument was removed for the winter season. It will be reinstalled in the spring when ice conditions allow.
5			06/12/17	13:00	Initial installation	

6	07/19/17	10:50	07/19/17	11:00	Maintenance/Calibration	
7	09/13/17	15:15	09/13/17	15:30	Maintenance/Calibration	
8	10/24/17	11:00				Instrument was removed for the winter season. It will be reinstalled in the spring when ice conditions allow.
9			06/12/18	11:40	Initial installation	
10	07/25/18	10:30	07/25/18	10:40	Maintenance/Calibration	
11	09/12/18	11:00	09/12/18	11:20	Maintenance/Calibration	
12	10/16/18	10:45				Instrument was removed for the winter season. It will be reinstalled in the spring when ice conditions allow.
13			06/12/19	14:40	Initial installation	
14	07/17/19	10:10	07/17/19	10:20	Maintenance/Calibration	
15	08/27/19	09:50	08/27/19	10:00	Maintenance/Calibration	
16	10/16/19	09:45				Instrument was removed for the winter season. It will be reinstalled in the spring when ice conditions allow.
17			07/16/20	15:50	Initial installation	
18	09/02/20	13:30	09/02/20	13:45	Maintenance/Calibration	
19	10/28/20	09:10				Instrument was removed for the winter season. It will be reinstalled in the spring when ice conditions allow.

03OA0024 – Pumphouse Stream above Drum Lake

Item Number	Date and time instrument was removed (mm/dd/yy)		Date and time instrument was reinstalled (mm/dd/yy)		Reason	Remarks
1			06/12/17	10:45	Initial Installation	New Install
2	07/19/17	15:10	07/19/17	15:30	Maintenance/Calibration	
3	09/13/17	14:15	09/13/17	14:30	Maintenance/Calibration	
4	10/24/17	1:00				Instrument was

						removed for the winter season. It will be reinstalled in the spring when ice conditions allow.
5			06/12/18	15:30	Initial installation	
6	07/24/18	13:45	07/24/18	14:45	Maintenance/Calibration	
7	09/12/18	08:40	09/12/18	09:05	Maintenance/Calibration	
8	10/16/18	09:00				Instrument was removed for the winter season. It will be reinstalled in the spring when ice conditions allow.
9			06/12/19	09:00	Initial installation	
10	07/17/19	09:00	07/17/19	09:15	Maintenance/Calibration	
11	08/27/19	08:35	08/27/19	08:45	Maintenance/Calibration	
12	10/16/19	08:30				Instrument was removed for the winter season. It will be reinstalled in the spring when ice conditions allow.
13			07/16/20	13:15	Initial installation	
14	09/03/20	08:20	09/03/20	08:40	Maintenance/Calibration	
15	10/29/20	08:50				Instrument was removed for the winter season. It will be reinstalled in the spring when ice conditions allow.