



**Real-Time Water Quality Monitoring Network
Calibration and Maintenance Schedule
Canada Fluorspar Inc.**

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.

NF02ZG0028 – Outflow Grebes Nest Pond

Item #	Date and time instrument was removed (mm/dd/yy)		Date and time instrument was reinstalled (mm/dd/yy)		Reason	Remarks
1			11/16/16	14:30	Initial Installation	
2	01/25/17	09:55			Instrument removed for Winter Season	Instrument removed for extended period due to ice buildup
3			05/10/2017	10:30	Maintenance/Calibration	Initial Install for the year
4	06/20/2017	15:41	06/21/2017	10:00 am	Maintenance/Calibration	
5	07/24/2017	14:08	07/25/2017	9:35a m	Maintenance/Calibration	
6	09/05/2017	14:15	09/06/2017	9:45a m	Maintenance/Calibration	
7	10/16/2017	13:25	10/17/2017	8:40a m	Maintenance/Calibration	
8	11/27/2017	12:40	11/28/2017	10:05 am	Maintenance/Calibration	
9	01/08/2018	14:05			Removed for Winter Season	Instrument removed for extended period due to ice
10			05/15/2018	15:03	Installation	Initial install for the year
11	06/18/2018	14:03	06/19/2018	9:00	Maintenance/Calibration	
12	07/17/2018	12:30	07/18/2018	11:00	Maintenance/Calibration	
13	08/14/2018	16:30	08/15/2018	9:00	Maintenance/Calibration	
14	09/26/2018	14:58	09/27/2018	10:00	Maintenance/Calibration	
15	11/21/2018	14:15	11/21/2018	14:57	Maintenance/Calibration	
16	01/08/2019	15:39			Instrument removed for Winter Season	Instrument removed for extended period due to

						ice
17			05/09/2019	15:20	Installation	Initial install for the year
18	07/11/2019	10:40	07/11/2019	10:50	Maintenance/Calibration	
19	08/20/2019	14:18	08/20/2019	14:28	Maintenance/Calibration	
20	10/17/2019	14:08	10/17/2019	14:18	Maintenance/Calibration	
21	12/11/2019	13:15			Removed for Winter Season	due to ice conditions
22			05/13/2020	12:38	Install to start new season	
23	07/02/ 2020	14:00	07/02/2020	14:28	Calibration & Maintenance	
24	08/05/2020	14:15	08/05/2020	14:33	Calibration & Maintenance	
25	12/21/2020	14:30			Removed for winter season	Due to ice conditions

NF02ZG0029 – Outflow of Unnamed Pond south of Long Pond

Item #	Date and time instrument was removed (mm/dd/yy)		Date and time instrument was reinstalled (mm/dd/yy)		Reason	Remarks
1			12/06/17	14:21	Initial Installation	
2	01/25/17	08:35			Maintenance/Calibration	Instrument removed for extended period due to ice buildup
3			05/10/2017	10:45	Maintenance/Calibration	Initial install for the year
4	06/20/2017	14:57	06/21/2017	11:20	Maintenance/Calibration	
5	07/24/2017	13:06	07/24/2017	13:25	Maintenance/Calibration	Switch out with MAE EXO2
6	09/05/2017	13:30	09/06/2017	9:06	Maintenance/Calibration	
7	10/16/2017	14:10	10/17/2017	9:30	Maintenance/Calibration	
8	11/27/2017	12:00	11/28/2017	9:08	Maintenance/Calibration	
9	01/08/2018	16:15			Removed for winter season	Instrument removed for extended period due to ice
10			05/15/2018	15:20	Installation	Initial install for the year
11	06/18/2018	13:20	06/18/2018	13:50	Maintenance/Calibration	
12	07/17/2018	13:30	07/18/2018	09:30	Maintenance/Calibration	
13	08/14/2018	14:15	08/14/2018	15:45	Maintenance/Calibration	
14	09/26/2018	14:31	09/27/2018	09:30	Maintenance/Calibration	
15	11/21/2018	14:00	11/21/2018	14:15	Maintenance/Calibration	
16	01/08/2019	14:31			Removed for winter season	Instrument removed for extended period due to ice
17			05/09/2019	14:09	Installation	Initial install for the year
18	07/11/2019	12:00	07/11/2019	12:10	Maintenance/Calibration	
19	08/20/2019	13:20	08/20/2019	13:30	Maintenance/Calibration	
20	10/17/2019	13:07	10/17/2019	13:17	Maintenance/Calibration	
21	12/11/2019	13:50			Instrument removed for Winter Season	Instrument removed for extended period due to ice
22			05/13/2020	11:38	Deployed for new season	
23	07/02/2020	13:43	07/02/2020	13:36	Calibration & Maintenance	
24	08/05/2020	13:18	08/05/2020	13:27	Calibration & Maintenance	
25	12/21/2020	13:44			Removed for winter season	Due to ice conditions