



**Real-Time Water Quality Monitoring Network
Calibration and Maintenance Schedule
NF03OE0030 – Minipi River below Minipi Lake**

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			09/22/06	14:00	Initial installation	
2	10/19/06	14:20			Winter removal	Hydrolab was removed for the winter season. It will be reinstalled in the spring when ice conditions allow.
3			05/30/07	13:20	Reinstalled for summer season	
4	07/19/07	7:50	07/19/07	8:08	Maintenance/Calibration	
5	10/13/07	13:50			Winter removal	Will be reinstalled in Spring 2008 when ice conditions allow.
6			06/01/08	13:50	Reinstalled for summer season	
7	08/20/08	15:45	08/20/08	15:45	Maintenance/Calibration	Minipi instrument (SN 43806) was switched out and instrument (SN 43820) was deployed
8	10/23/08	16:45			Winter Removal	Hydrolab was removed for the winter season. It will be reinstalled in the spring when ice conditions allow.
9			06/01/09	16:33	Reinstalled for summer season	
10	06/24/09	15:13	06/24/09	15:25	Maintenance/Calibration	Instrument (SN43820)

						was removed and instrument (SN47384) was reinstalled.
11	07/21/09	15:13	07/21/09	15:25	Maintenance/Calibration	Instrument (SN47384) was removed and instrument (SN43820) was reinstalled
12	09/02/09	10:49	09/02/09	10:49	Maintenance/Calibration	Instrument (SN43820) was removed and instrument (SN47384) was reinstalled
13	09/22/09	9:03	09/22/09	9:03	Maintenance/Calibration	Instrument (SN47384) was removed and instrument (SN43820) was reinstalled
14	10/27/09	11:26			Winter Removal	Hydrolab was removed for the winter season. It will be reinstalled in the spring when ice conditions allow.
15			05/20/10	12:25	Reinstalled for summer season	Instrument (SN47384) was installed
16	06/23/10	14:14	06/23/10	14:45	Maintenance/Calibration	Instrument (SN47384) was removed and instrument (SN47589) was reinstalled
17	07/23/10	13:00	07/23/10	13:00	Maintenance/Calibration	Instrument (SN47589) was removed and instrument (SN47384) was reinstalled
18	08/22/10	17:00	08/22/10	17:00	Maintenance/Calibration	Instrument (SN47384) was removed and instrument (SN43820) was reinstalled
19	09/21/10	11:30	09/21/10	11:30	Maintenance/Calibration	Instrument (SN43820) was removed and instrument (SN47384) was reinstalled
20	11/03/10	12:15			Winter Removal	Hydrolab was removed for the winter season. It will be reinstalled in the spring when ice conditions allow.
21			05/26/11	11:45	Reinstalled for summer season	Instrument (SN47384) was installed
22	06/29/11	15:45	06/29/11	15:45	Maintenance/Calibration	Instrument (SN47384) was removed and instrument (SN43820)

						was reinstalled
23	08/02/11	13:09	08/02/11	13:20	Maintenance/Calibration	Instrument (SN43820) was removed and instrument (SN47384) was reinstalled
24	09/02/11	12:00	09/02/11		Maintenance/Calibration	Instrument (SN47384) was removed and instrument (SN43820) was reinstalled
25	10/04/11	13:45	10/04/11	14:00	Maintenance/Calibration	Instrument (SN43820) was removed and instrument (SN47384) was reinstalled
26	11/03/11	10:05			Winter Removal	Hydrolab was removed for the winter season. It will be reinstalled in the spring when ice conditions allow.
27			06/29/12	14:10	Reinstalled for summer season	Instrument (SN47384) was installed
28	07/24/12	14:00	07/24/12	14:15	Maintenance/Calibration	Instrument (SN47384) was removed and instrument (SN43820) was reinstalled
29	08/21/12	9:00	08/21/12	09:00	Maintenance/Calibration	Instrument (SN43820) was removed and instrument (SN 47588) was reinstalled
30	09/25/12	13:25	09/25/13	13:30	Maintenance/Calibration	Instrument (SN47588) was removed and instrument (SN 46319) was reinstalled
31	11/07/12	11:10			Winter Removal	Instrument (SN46319) was removed for the winter months. It will be reinstalled in the spring when ice conditions allow.
32			05/23/13	15:30	Reinstalled for summer season	Instrument (SN43820) was installed
33	06/26/13	15:00	06/26/13	15:00	Maintenance/Calibration	Instrument (SN43820) was removed and instrument (SN47384) was reinstalled
34	08/08/13	12:20	08/08/13	12:20	Maintenance/Calibration	Instrument (SN47384) was removed and instrument (SN43820) was reinstalled

35	09/14/13	15:30	09/14/13	15:30	Maintenance/Calibration	Instrument (SN43820) was removed and instrument (SN45042) was reinstalled
36	10/10/13	15:00	10/10/13	15:00	Maintenance/Calibration	Instrument (SN45042) was removed and instrument (SN43820) was reinstalled
37	11/06/13	13:40			Winter Removal	Instrument (SN43820) was removed for the winter months. It will be reinstalled in the spring when ice conditions allow.
38			05/29/14	12:45	Reinstalled for summer season	Instrument (SN47384) was installed
39	06/25/14	14:10	06/25/14	14:45	Maintenance/Calibration	Instrument (SN47384) was removed and instrument (SN43820) was reinstalled
40	07/22/14					Instrument was removed; debate as to whether station will be discontinued
41			08/14/14	14:20		Reinstalled instrument (SN43820)
42	09/30/14	14:40				Instrument (SN43820) was removed; station discontinued