



**Real-Time Water Quality Monitoring Network
Calibration and Maintenance Schedule
NF02ZE0033 – Southwest Brook below Southwest Pond**

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			11/21/06	16:05	Initial installation	
2	01/16/07	10:58	01/16/07	15:29	Maintenance/Calibration	
3	02/22/07	10:18	02/22/07	14:02	Maintenance/Calibration	QA/QC readings done with minisonde SN: 40428. Remove hydrolab SN: 44422; replace with hydrolab 43820.
4	04/02/07	11:15	04/02/11	11:30	Maintenance/Calibration	QA/QC readings done with Minisonde SN: 40428. Remove Hydrolab SN: 43280; replace with Hydrolab SN: 44422.
5	05/11/07	11:24	05/11/07	13:47	Maintenance/Calibration	QA/QC readings done with a Minisonde SN: 40428.
6	07/05/07	12:07	07/05/07	14:36	Maintenance/Calibration	QA/QC readings done with a Minisonde SN: 40428.
7	08/20/07	12:55	08/20/07	14:14	Maintenance/Calibration	QA/QC readings done with a minisonde by Miawpukek Band.
8	09/24/07	10:00	09/24/07	12:10	Maintenance/Calibration	QA/QC readings done with a MiniSonde by Miawpukek Band.
9	11/12/07	09:59	11/12/07	11:46	Maintenance/Calibration	QA/QC readings done with a MiniSonde by Miawpukek Band.

10	12/19/07	10:00	12/19/07	12:20	Maintenance/Calibration	QA/QC readings done with a MiniSonde by Miawpukek Band and MiniSonde SN: 40428.
11	02/26/08	10:14	02/26/08	12:47	Maintenance/Calibration	QA/QC readings done by Miawpukek Band with a MiniSonde SN 44998.
12	04/10/08	09:33	04/10/08	12:17	Maintenance/Calibration	QA/QC readings done by Miawpukek Band with a MiniSonde SN 44998.
13	05/22/08	11:05	05/22/08	15:20	Maintenance/Calibration	QA/QC readings done by Miawpukek Band with a MiniSonde SN 44998.
14	06/26/08	13:35	06/26/08	15:25	Maintenance/Calibration	QA/QC readings done by Miawpukek Band with a MiniSonde SN 44998.
15	07/30/08	08:22	07/30/08	11:40	Maintenance/Calibration	QA/QC readings done by Miawpukek Band with a MiniSonde SN 44998.
16	09/25/08	09:06	09/25/08	11:39	Maintenance/Calibration	QA/QC readings done by Miawpukek Band with a MiniSonde SN 44998.
17	11/07/08	10:51	11/07/08	14:25	Maintenance/Calibration	QA/QC readings done by Miawpukek Band with a MiniSonde SN 44998
18	12/10/08	09:37	12/10/08	14:15	Maintenance/Calibration	QA/QC readings done by Miawpukek Band with a MiniSonde SN 44998
19	02/04/09	11:30	02/06/09	10:50	Maintenance/Calibration	QA/QC readings done by Miawpukek Band with a MiniSonde SN 44998
20	03/10/09	11:15	03/13/09	8:55	Maintenance/Calibration	QA/QC readings done by Miawpukek Band with a MiniSonde SN 44998
21	04/23/09				Sent to manufacturer for servicing	
22			06/28/09	13:37		QA/QC readings done by Miawpukek Band

						with a MiniSonde SN 44998
23	08/28/09	14:07	08/28/09	16:10		QA/QC readings done by Miawpukek Band with a MiniSonde SN 44998
24	11/25/09	07:37	11/25/09	11:43		QA/QC readings done by Miawpukek Band with a MiniSonde SN 44998
25	01/16/10	12:25	01/18/10	11:43		QA/QC readings done by Miawpukek Band with a MiniSonde SN 44998
26	03/03/10	11:20	03/03/10	15:20	Maintenance/Calibration	QA/QC readings done by Miawpukek Band/DOEC staff with a MiniSonde SN 44998
27	05/08/10	10:28	05/12/10	11:15	Maintenance/Calibration	Issue with Datasonde, therefore MiniSonde SN 44998 was installed for long-term deployment
28	06/29/10	13:50	06/29/10	14:20	Maintenance/Calibration	Datasonde SN 44422 was returned from vendor and deployed
29	08/24/10	08:58	08/25/10	14:25	Maintenance/Calibration	QA/QC readings done by Miawpukek Band/DOEC staff with a MiniSonde SN 44998
30	10/19/10	08:38	10/19/10		Maintenance/Calibration	QA/QC readings done by Miawpukek Band/DOEC staff with a MiniSonde SN 44998
31	11/14/10		11/14/10	14:14	Maintenance/Calibration	QA/QC readings done by Miawpukek Band/DOEC staff with a MiniSonde SN 44998
32	12/19/10	11:20	12/19/10	14:50	Maintenance/Calibration	QA/QC readings done by Miawpukek Band/DOEC staff with a MiniSonde SN 44998

33	02/13/11	12:15	02/13/11	16:15	Maintenance/Calibration	QA/QC readings done by Miawpukek Band/DOEC staff with a MiniSonde SN 44998
34	03/21/11	17:45	03/22/11	12:15	Maintenance/Calibration	QA/QC readings done by Miawpukek Band/DOEC staff with a MiniSonde SN 44998
35	04/25/11	17:33	04/26/11	16:20	Maintenance/Calibration	QA/QC readings done by Miawpukek Band/DOEC staff with a MiniSonde SN 44998
36	05/28/11	16:10	05/29/11	15:14	Maintenance/Calibration	QA/QC readings done by Miawpukek Band/DOEC staff with a MiniSonde SN 44998
37	07/24/11	12:45	07/25/11	12:25	Maintenance/Calibration	QA/QC readings done by Miawpukek Band/DOEC staff with a MiniSonde SN 44998
38	09/12/11	18:45	09/13/11	07:55	Maintenance/Calibration	QA/QC readings done by Miawpukek Band/DOEC staff with a MiniSonde SN 44998
39	10/23/11	14:20	10/24/11	07:45	Maintenance/Calibration	QA/QC readings done by Miawpukek Band/DOEC staff with a MiniSonde SN 44998
40	12/01/11	11:50	12/02/11	10:30	Maintenance/Calibration	
41	01/23/11	10:18	01/24/12	10:41	Maintenance/Calibration	QA/QC readings done by Miawpukek Band/DOEC staff with a MiniSonde SN 44998
42	03/14/12	11:00	03/14/12	11:20	Maintenance/Calibration	QA/QC readings done by Miawpukek Band/DOEC staff with a MiniSonde SN 47591
43	07/11/12	10:40	07/11/12	11:00	Maintenance/Calibration	QA/QC readings done by Miawpukek

						Band/DOEC staff with a MiniSonde SN 44998
44	08/14/12	11:25	08/15/12	11:30	Maintenance/Calibration	QA/QC readings done by Miawpukek Band/DOEC staff with a MiniSonde SN 44998
45	10/09/12	15:53	10/10/12	11:00	Maintenance/Calibration	QA/QC readings done by Miawpukek Band/DOEC staff with a MiniSonde SN 44998
46	12/08/12	11:10	12/09/12	12:53	Maintenance/Calibration	QA/QC readings done by Miawpukek Band/DOEC staff with a MiniSonde SN 44998
47	01/23/13	14:36	01/24/13	15:09	Maintenance/Calibration	QA/QC readings done by Miawpukek Band/DOEC staff with a MiniSonde SN 44998
48	04/03/13	10:30	04/04/13	14:22	Maintenance/Calibration	QA/QC readings done by Miawpukek Band/DOEC staff with a MiniSonde SN 44998
49	04/16/13	13:45	04/16/13	14:15	Maintenance/Calibration	QA/QC readings done by Miawpukek Band/DOEC staff with a MiniSonde SN 44998
50	06/24/13	15:30	06/24/13	16:30	Maintenance/Calibration	QA/QC readings done by Miawpukek Band/DOEC staff with a MiniSonde SN 44998
51	10/02/13	11:45	10/02/13	12:40	Maintenance/Calibration	QA/QC readings done by Miawpukek Band/DOEC staff with a MiniSonde SN 44998
52	05/13/14	12:20				Station discontinued