



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

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.

NF02YO0190 – Tributary to Gill’s Pond Brook

Item Number	Date and time instrument was removed (mm/dd/yy)		Date and time instrument was reinstalled (mm/dd/yy)		Reason	Remarks
1			05/10/06	11:30	Initial Installation	Turbidity sensor not working properly
2	05/15/06	13:00	05/15/06	14:22		Hydrolab removed due to faulty turbidity sensor; replaced with spare Hydrolab
3	05/17/06	10:00	05/17/06	15:35		Spare Hydrolab was removed, recalibrated on-site and reinstalled due to concerns with DO and turbidity readings
4	05/26/06	15:09	05/26/06	15:09		Spare Hydrolab removed and replaced with original Hydrolab (new turbidity sensor)
5	06/20/06	10:00	06/20/06	15:40	Maintenance/Calibration	
6	07/12/06	09:00	07/13/06	15:25	Maintenance/Calibration	Nitrate and ammonium sensors installed on hydrolab, but not connected to datalogger. Attempt to program hydrolab to log files for nitrate and ammonium 07/17/06.

7	08/16/06	11:00	08/17/06	11:30	Maintenance/Calibration	Problem with deployment cage; replaced with spare cage; ammonium and nitrate sensors programmed to record data
8	09/18/06	11:30	09/21/06	15:55	Maintenance/Calibration	The hydrolab was temporarily taken off-line for 1 hour at about 1130hrs Aug. 23 to program datalogger to read new nitrate and ammonium sensors.
9	10/25/06	11:29	10/25/06	15:59	Maintenance/Calibration	Constant rain during previous 24 hrs
10	12/06/06	13:25	12/08/06	12:09	Maintenance/Calibration	Data gap from 10/26/2006@10:32hrs to 14:32hrs. Hydrolab was removed and brought to Aur Resources Lab for QA/QC check on nitrate sensor.
11	17/01/07	11:30	01/19/07	11:44	Maintenance/Calibration	QA/QC readings done with a Datasonde 5X serial # 43280. There were sporadic periods during this deployment when the station did not transmit. Weather/ice conditions may have caused transmission difficulties.
12	19/02/07	13:23	02/21/07	11:38	Maintenance/Calibration	*Not much water flowing, recent station data may have been taken in slush **QA/QC nitrate reading questionable- hydrolab sensor had an asterisk after the value
13	21/03/07	11:01	03/26/07	13:09	Maintenance/Calibration	No data was collected during this period. due to a communication problem between the

						hydrolab and datalogger .
14	04/17/07	14:43	14/19/07	12:55	Maintenance/Calibration	QA/QC readings taken with a Minisonde 4a Serial # 40428.
15	05/15/07	12:21	05/17/07	1315	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a serial # 40428. Snow/ice cover completely gone.
16	06/27/07	11:51	06/29/07	14:32	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a serial # 40428.
17	08/01/07	14:21	08/07/07	14:13	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a serial # 40428.
18	09/21/07	12:00	09/27/07	12:29	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a serial # 40428. And with Hydrolab #45042
19	11/02/07	13:40	11/07/07	11:40	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a serial # 40428.
20	01/09/08	15:35	01/11/08	12:20	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a serial # 40428. Joint decision made to leave DataSonde deployed throughout the winter.

21	04/21/08	12:15	04/21/08	14:30	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a S/N 40428. Regular DataSonde was temporarily replaced with DataSonde S/N 45042.
22	05/21/08	14:45	05/21/08	15:20	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a S/N 40428. Regular DataSonde S/N 43245 was reinstalled.
23	06/24/08	14:00	06/26/08	14:20	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a S/N 40428.
24	07/28/08	13:00	07/31/08	13:20	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a S/N 40428.
25	09/15/08	13:10	09/17/08	11:25	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a S/N 40428.
26	10/14/08	14:15	10/16/08	12:15	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a S/N 40428.
27	11/12/08	14:45	11/14/08	14:20	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a S/N 40428.
28	12/15/08	12:30	12/17/08	12:20	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a S/N 40428.
29	05/05/09	13:45	05/05/09	13:45	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591. Regular DataSonde S/N 43245 sent out for maintenance. Replacement DataSonde S/N 45036 installed temporarily.
30	06/24/09	11:55	06/24/09	12:15	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591. Regular DataSonde S/N 43245 returned from

						manufacturer and reinstalled
31	07/27/09	11:20	07/29/09	13:30	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591. Regular DataSonde S/N 43245 failed to communicate with Hydras for calibration. Spare Datasonde S/N 46323 installed until problem resolved.
32	09/01/09	11:35	09/09/01	11:55	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591. Regular DataSonde S/N 43245 reinstalled after communication issue resolved.
33	11/24/09	09:45	11/25/09	09:15	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591.
34	04/26/10	13:50	04/28/10	13:05	Maintenance/Calibration	Instrument was left in water for long deployment due to ice conditions
35	07/05/10	11:30	07/07/10	12:10	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591.
36	08/31/10	14:50	09/02/10	12:10	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591.
37	10/18/10	14:45	10/21/10	13:05	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591.
38	11/30/10	12:00	11/30/10	12:20	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591.
39	05/03/11	12:15	05/05/11	12:50	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
40	07/12/11	15:20	07/14/11	13:00	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591

41	08/08/11	13:00	08/10/11	11:40	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
42	09/16/11	11:20	09/20/11	12:00	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
43	11/01/11	11:50	11/03/11	11:20	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
44	05/10/12	11:40	05/10/12	11:40	Probe remains deployed for winter months	
45	07/04/12	14:05	07/06/12	12:40		New instrument deployed (SN 62268); QA/QC readings taken with Minisonde S/N 44998
46	08/06/12	11:40	08/08/12	11:25	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
47	10/01/12	11:45	10/03/12	11:15	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
48	11/14/12	12:30	11/14/12	12:50	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
49	05/10/13	11:15	05/10/13	11:30	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
50	06/11/13	11:30	06/11/13	11:40	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
51	07/22/13	11:40	07/24/13	11:20	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
52	08/13/13	12:40	08/15/13	12:20	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
53	10/08/13	11:00	10/08/13	11:25	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
54	11/14/13	11:20	11/14/13	11:20	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591

55	05/13/14	12:45	05/13/14	13:15	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 44998
56	06/25/14	11:25	06/25/14	11:50	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
57	07/23/14	11:20	07/23/14	11:50	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
58	08/27/14	11:45	08/27/14	12:20	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
59	09/24/14	12:00	09/24/14	12:30	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
60	11/21/14	11:00	11/21/14	11:20	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
61	05/25/15	14:00	05/27/15	12:00	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
62	07/03/15	11:30	07/03/15	12:00	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
63	08/04/15	12:00	08/04/15	12:25	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
64	09/01/15	12:45	09/01/15	13:20	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
65	10/06/15	11:50	10/06/15	12:20	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
66	11/16/15	-	11/16/15	12:35	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
67			05/26/16	11:40	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
68	07/06/16	11:00	07/06/16	11:25	Maintenance/Calibration	Instrument S/N 62268 removed; instrument S/N 43245 deployed
69	08/30/16	14:40	08/30/16	14:55	Maintenance/Calibration	Instrument S/N 43245 removed; instrument S/N 62268 deployed

70	10/05/16	14:00	10/05/16	14:15	Maintenance/Calibration	Instrument S/N 62268 removed; instrument S/N 43245 deployed
71	11/17/16	12:10	11/17/16	12:25	Maintenance/Calibration	Instrument S/N 43245 removed; instrument S/N 62267 deployed
72	05/18/17	13:30	05/18/17	15:45	Maintenance/Calibration	Instrument S/N 62267 removed; instrument S/N 43820 deployed
73	07/06/17	10:35	07/06/17	10:35	Maintenance/Calibration	Instrument S/N 43820 removed; instrument S/N 62268 deployed
74	08/16/17	15:15	08/16/17	15:20	Maintenance/Calibration	Instrument S/N 62268 removed; instrument S/N 65918 deployed
75	11/16/17	15:40	11/16/17	15:40	Maintenance/Calibration	Instrument 65918 removed; instrument 43245 deployed
76	05/15/18	15:30	05/15/18	15:50	Maintenance/Calibration	Instrument 43245 removed; instrument 43794 deployed
77	07/25/18	14:00	07/25/18	14:15	Maintenance/Calibration	Instrument 43794 removed; instrument 62267 deployed
78	09/25/18	15:00	09/25/18	15:30	Maintenance/Calibration	Instrument 62267 removed; instrument 43794 deployed
79	11/15/18	10:50	11/15/18	13:00	Maintenance/Calibration	Instrument 43794 removed; instrument 62267 deployed
80	05/30/19	12:15	05/30/19	12:20	Maintenance/Calibration	Instrument 62267 removed; instrument 43245 deployed
81	07/24/19	11:40	07/24/19	11:45	Maintenance/Calibration	Instrument 43245 removed; instrument 62267 deployed
82	09/24/19	15:00	09/24/19	15:10	Maintenance/Calibration	Instrument 62267 removed; 43245 deployed
83	12/03/19	12:15	12/03/19	12:33	Maintenance/Calibration	Instrument 43245 removed; 62267 deployed
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NF02YO0192 – East Pond Brook

Item Number	Date and time instrument was removed (mm/dd/yy)		Date and time Instrument was reinstalled (mm/dd/yy)		Reason	Remarks
1			08/29/06	15:00	Initial installation	No on-line data available until 09/09/06.
2	09/21/06	10:42	09/21/06	16:30	Maintenance/Calibration	Everything seems ok.
3	10/26/06	11:10	11/30/06	13:35	Maintenance/Calibration	Data gap between 10/26/06 to 11/30/06 to lab test instrument for nitrate calibration and sensor performance.
4	12/06/06	11:30	12/06/06	12:09		Data was not transmitting. Datasonde was disconnected and immediately reconnected to resolve transmission problems.
5	01/17/07	13:30	01/17/07	14:10	Maintenance/Calibration	Transmission failure due to insufficient battery power from 12/15/06 to 01/18/07. Hydrolab was removed and replaced with new Hydrolab (SN 43280).
6	02/19/07	13:59	02/21/07	10:57	Maintenance/Calibration	Hydrolab SN# 060300043820 removed; Hydrolab SN# 43794 reinstalled.
7	03/21/07	10:30	05/17/07	10:30	Maintenance/Calibration	Damage to turbidity sensor was noticed during removal. Hydrolab shipped to Campbell Scientific for repairs.
8	06/27/07	11:17	06/29/07	16:18	Maintenance/Calibration	Damage to turbidity sensor was noticed during removal.
9	08/01/07	15:02	08/07/07	15:23	Maintenance/Calibration	Nitrate tip replaced. QA/QC with mini-sonde.

10	09/21/07	12:31	09/27/07	11:43	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a serial # 40428. And with Hydrolab #45042
11	11/02/07	10:35	11/07/07	11:00	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a serial # 40428.
12	01/09/08	12:05	01/11/08	11:35	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a serial # 40428. Joint decision made to leave DataSonde deployed throughout the winter.
13	04/21/08	15:20	04/24/08	14:30	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a S/N 40428.
14	05/21/08	12:15	05/21/08	12:45	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a S/N 40428. Spare DataSonde S/N 40266 installed on 05/21/08.
15	05/23/08	12:20	05/23/08	14:40	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a S/N 40428. Spare DataSonde S/N 40266 did not work due to a data transmission error. Regular DataSonde S/N 43794 was reinstalled on 05/23/08.
16	06/24/08	13:15	06/26/08	15:10	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a S/N 40428.
17	07/28/08	14:50	07/31/08	14:20	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a S/N 40428.
18	09/15/08	12:40	09/17/08	10:50	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a S/N 40428.
19	10/14/08	14:45	10/16/08	11:15	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a S/N 40428.

20	11/12/08	15:20	11/14/08	15:00	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a S/N 40428.
21	12/03/08	n/a	12/15/08	11:20	Maintenance/Calibration	QA/QC readings taken with Minisonde 4a S/N 40428. Due to data transmission errors, (Data Logger Failure) the probe was removed by Environment Canada Staff on 12/03/08 and could not be replaced until 12/15/08.
22	05/05/09	14:35	05/05/09	14:35	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591. Regular DataSonde S/N 43794 sent out for maintenance. Replacement DataSonde S/N 46323 installed temporarily.
23	06/24/09	12:40	06/24/09	13:00	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591. Regular DataSonde S/N 43794 was returned from manufacturer and reinstalled.
24	07/27/09	12:00	07/29/09	12:45	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591.
25	09/01/09	13:05	09/09/09	13:20	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591.
26	11/24/09	10:30	11/25/09	10:15	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591.
27	04/26/10	14:55	04/28/10	12:15	Maintenance/Calibration	Instrument was left in water for long deployment due to ice conditions
28	07/05/10	13:00	07/07/10	13:25	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591.

29	08/31/2010	12:50	09/02/10	11:20	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591.
	09/09/10	12:35	09/09/10	12:35	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591.
30	10/18/10	15:40	10/21/10	14:00	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591.
31	11/30/10	13:15	11/30/10	13:20	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591.
32	05/03/11	11:30	05/05/11	12:20	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591.
33	07/12/11	14:20	07/14/11	12:00	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591.
34	08/08/11	12:00	08/10/11	12:25	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591.
35	09/16/11	12:15	09/20/11	12:45	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591.
36	11/01/11	12:45	11/03/11	12:20	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591.
37	05/10/12	12:50	05/10/12	13:30	Probe remains deployed for winter months	
38	07/04/12	15:00	07/06/12	11:45		New instrument deployed (SN 62267); QA/QC readings taken with Minisonde S/N 44998
39	08/06/12	12:30	08/08/12	12:20	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
40	10/01/12	10:50	10/01/12	11:15	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591

41	11/14/12	13:25	11/14/12	13:55		
42	05/10/13	12:15	05/10/13	12:30	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
43	06/11/13	12:30	06/13/13	12:40	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
44	07/22/13	12:40	07/24/13	12:20	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
45	08/13/13	13:20	08/13/13	13:40	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
46	10/08/13	12:05	10/08/13	12:25	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
48	05/13/14	14:00	05/13/14	14:25	Maintenance/Calibration	QA/QC readings taken with S/N 44998
50	06/25/14	12:25	06/25/14	12:45	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
51	07/23/14	12:20	07/23/14	12:45	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
52	08/27/14	13:15	08/27/14	13:40	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
53	09/24/14	13:30	09/24/14	13:30	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
54	11/21/14	12:00	11/21/14	12:30	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
55	05/25/15	15:00	05/27/15	14:00	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591

56	07/03/15	12:30	07/03/15	13:00	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
57	08/04/15	13:10	08/04/15	13:40	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
58	09/01/15	13:50	09/01/15	14:25	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
59	10/06/15	12:50	10/06/15	13:20	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
60	11/16/15	13:00	11/16/16	13:25	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
61			05/26/16	13:10	Maintenance/Calibration	QA/QC readings taken with Minisonde S/N 47591
62	07/06/16	10:15	07/06/16	10:00	Maintenance/Calibration	Instrument S/N 62267 removed; instrument S/N _____ deployed
63	08/30/16	15:35	08/30/16	15:45	Maintenance/Calibration	Instrument S/N _____ removed; instrument S/N _____ deployed
64	10/05/16		10/05/16	15:30	Maintenance/Calibration	Instrument S/N _____ removed; instrument S/N 46323 deployed
65	11/17/16	13:00	11/17/16	14:00	Maintenance/Calibration	Instrument S/N 46323 removed; instrument S/N 62268 deployed
66	05/18/17	16:15	05/18/17	16:15	Maintenance/Calibration	Instrument S/N 62268 removed; instrument S/N _____ deployed
67	07/06/17	09:25	07/06/17	09:45	Maintenance/Calibration	Instrument S/N _____ removed; instrument S/N 60394 deployed
68	08/16/17	16:00	08/16/17	16:10	Maintenance/Calibration	Instrument S/N 60394 removed; instrument S/N 43820 deployed

69	11/16/17	16:13	11/16/17	16:14	Maintenance/Calibration	Instrument 43820 removed;62267 deployed
70	05/15/18	16:30	05/15/18	16:40	Maintenance/Calibration	Instrument 62267 removed; 60392 deployed
71	07/25/18	14:50	07/25/18	15:00	Maintenance/Calibration	Instrument 60392 removed; 44975 deployed
72	09/25/18	16:15	09/25/18	16:30	Maintenance/Calibration	Instrument 44975 removed; 43245 deployed
73	11/21/18	09:53	11/21/18	10:30	Maintenance/Calibration	Instrument 43425 removed; 62268 deployed
74	05/30/19	13:00	05/30/19	13:15	Maintenance/Calibration	Instrument 62268 removed; 64680 deployed
75	07/24/19	12:18	07/24/19	12:30	Maintenance/Calibration	Instrument 64680 removed; 62268 deployed
76	09/24/19	15:50	09/24/19	16:00	Maintenance/Calibration	Instrument 62268 removed; 43794 deployed
77	12/03/19	10:50	12/03/19	11:16	Maintenance/Calibration	Instrument 43794 removed; 62268 deployed

NF02YO0193 – Well After Tailings Dam

Item Number	Date and time instrument was removed (mm/dd/yy)		Date and time Instrument was reinstalled (mm/dd/yy)		Reason	Remarks
1	09/27/07	13:12	09/28/07	12:17	Maintenance and calibration	Calibrated okay. Water cloudy/milky when disturbed but clears overnight in a jar.
2	11/07/07	13:55			Removed for Winter	Due to high Static Water Level, this well freezes at surface in November, thus preventing the removal of the Quanta G Probe
3			05/21/08	14:25	First Install after being removed for Winter.	Calibrated OK. Water Level set to SWL = 0.695m from top of PVC casing.
4	06/24/08	15:50	09/17/08	12:45	Removed for regular Maintenance and Calibration.	Calibration of Conductivity Failed and Quanta G Unit (S/N 35) had to be returned to vendor for servicing. Water Level recalibrated to SWL = 0.630 m from top of PVC casing upon re-installation.
5	11/12/08	14:00	11/14/08	13:30	Removed for regular Maintenance and Calibration.	Due to well freezing at surface, thus preventing the removal of the unit, it will remain deployed in the well throughout the winter. Water Level recalibrated to SWL = 0.741 m from top of PVC casing.
6	05/05/09	13:00	05/07/09	13:30	Maintenance and Calibration	SWL = 0.623 m from top of casing. Water Elevation

						calculated to be 271.037 m. Probe calibrated to 1.037 m.
7	10/30/09	15:20	04/28/10	13:50	Remove for Winter Months (and PTE)	SWL from top of casing = 0.530m (Water Elevation = 271.130m). Quanta G reports water elevation as 1.128m (+270m) = 271.128m. Difference = - 0.002m.
8						Instrument was cleaned/calibrated on Sept. 7 th , 2011
9	05/14/12	12:00	07/04/12			Instrument was cleaned/calibrated on May 14 th , 2012 Instrument was cleaned/calibrated on July 4 th , 2012
10	10/01/12		10/03/12	13:15		Instrument was cleaned/calibrated on October 1 st , 2012
11	05/14/13					Quanta was removed from well after winter deployment; new Quanta was deployed on May 14 th , 2013
12	08/13/13		08/13/13		Graph production only	Quanta G (s/n 00035) was deployed on August 13, 2013 and remained deployed until November 13, 2013
13	11/14/13					Quanta G (s/n 00653) was deployed on November 13, 2013 and remained deployed until May 13, 2014
14	05/13/14		06/25/14		Graph production only	Quanta G was

						deployed on June 3, 2014
15	09/24/14		11/21/14		Graph production only	Quanta G was changed out on October 29 th , 2014; there were issues as soon as it was deployed thus it was switched out on November 19 th , 2014 with a functioning unit.
16						Quanta G was changed out on June 1 st , 2015; there were issues with the instrument, thus it was switched out on June 16 th , 2015 with a functioning unit.
17						Quanta G was changed out on Oct 7 th , 2015. Instrument was flooded and subsequently removed. Another Quanta G was deployed on Oct 14 th , 2015.
18						Quanta G replaced on Nov 16, 2015; remained deployed over the winter months
19						Quanta G changed out on May 25, 2016; remained deployed over the summer / fall months.
20	11/17/16	10:50	11/17/16	14:30		Quanta G changed out on Nov 17, 2016; remained deployed over the winter months.
21	05/18/17		05/18/17	14:45		
22	11/16/17	14:30	11/16/17	14:35		
23	05/15/18	14:30	05/15/18			

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