



**Real-Time Water Quality Monitoring Network
Calibration and Maintenance Schedule
Northern Harvest Groundwater Monitoring Network**

The water quality probes are 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.

NLGWFMW10

Item #	Date and time instrument was removed (yyyy/mm/dd)		Date and time instrument was reinstalled (yyyy/mm/dd)		Reason	Remarks
1			2019/11/05	10:30	Initial Installation – new site very first install of the groundwater instrument.	Brand new installation 19F105281 installed
2	2020/06/16	10:20	2020/06/17	9:00	Regular maintenance	19D105282 installed
3	2020/09/23	11:35	2020/09/24	9:40	Regular maintenance	19E100387 installed
4	2021/08/26	12:30	2021/08/27	12:35	Regular maintenance	19D105282 installed
5	2022/04/12	11:29	2022/04/13	13:12	Regular maintenance	19D105281 installed
6	2022/10/12	10:35	2022/10/13	12:52	Regular maintenance	19E100387 installed
7	2023/02/27	13:50	2023/02/28	12:50	Regular maintenance	19D105282 installed
8	2023/07/18	11:19	2023/07/19	14:25	Regular maintenance	19D105281 installed
9	2024/03/13	12:19	2024/03/14	13:08	Regular maintenance	19E100387 installed

NLGWFMW12

Item #	Date and time instrument was removed (yyyy/mm/dd_)		Date and time instrument was reinstalled (yyyy/mm/dd)		Reason	Remarks
1			2019/11/06	13:10	Initial Installation – new site very first install of the groundwater instrument.	Initial install; 19E100387
2	2020/06/16	08:15	2020/06/17	09:50	Regular maintenance	Installed 190105281
3	2020/09/23	09:20	2020/09/24	10:40	Regular maintenance	Installed 190105282
4	2021/08/26	13:20	2021/08/27	15:07	Regular maintenance	Installed 19D105281
5	2022/04/12	14:06	2022/04/13	13:38	Regular maintenance	Installed 19E100387
6	2022/10/12	13:10	2022/10/13	13:30	Regular maintenance	Installed 19D105282
7	2023/02/27	14:40	2023/02/28	13:19	Regular maintenance	Installed 19D105281
8	2023/07/18	13:52	2023/07/19	13:25	Regular maintenance	Installed 19E100387
9	2024/03/13	14:26	2024/03/14	13:58	Regular maintenance	Installed 19D105282

NLGWMW5/6

Item #	Date and time instrument was removed (yyyy/mm/dd_)		Date and time instrument was reinstalled (yyyy/mm/dd)		Reason	Remarks
1			2019/11/06	16:00	Initial Installation – new site very first install of the groundwater instrument.	Brand new installation; installed 19D105282
2	2020/06/16	10:06	2020/06/17	10:00	Regular maintenance	Installed 19E100387
3	2020/09/23	10:40	2020/09/24	11:32	Regular maintenance	Installed 19D105281
4	2021/08/26	13:51	2021/08/27	13:33	Regular maintenance	Installed 19E100387
5	2022/04/12	13:12	2022/04/13	13:55	Regular maintenance	Installed 19D105282
6	2022/10/12	12:25	2022/10/13	13:45	Regular maintenance	Installed 19D105281
7	2023/02/27	12:28	2023/02/28	13:42	Regular maintenance	Installed 19E100387
8	2023/07/18	12:58	2023/07/19	14:15	Regular maintenance	Installed 19D105282
9	2024/03/13	13:40	2024/03/14	13:34	Regular maintenance	Installed 19D105281