



26-Jan-16	14-Mar-16	8.075	626	474	1.705	0.05	2.65	1.02	0.895	5.55
22-Jun-16	26-Sep-16	8.245	926.5	579	0.495	0.05	1.15	1.31	0.67	5.82
2-Feb-17	17-Feb-17	8.405	881.5	630.5	0.27	< 0.01	0.70	1.895	0.36	5.30
2-Aug-17	19-Sep-18	8.43	883.5	565.5	0.135	0.02	0.35	0.23	0.1	4.16
31-Jan-18	9-Feb-18	8.435	948	670.5	0.155	0.02	0.50	0.465	0.155	3.21
1-Aug-18	30-Aug-18	8.48	945.5	592	0.395	< 0.01	0.40	0.39	0.14	4.71
27-Mar-19	13-May-19	8.62	893	648	0.18	0.03	0.40	0.41	0.14	6.06
25-Sep-19	12-Nov-19	8.61	1043.5	567.5	0.29	0.09	0.45	0.605	0.21	6.76
22-Apr-20	1-May-20	8.4	940	620	0.35	0.05	0.60	0.6	0.57	6.79
2-Sep-20	11-Sep-20	8.3	970	670	0.16	0.01	0.40	0.5	0.53	6.8

Point 15 (Groundwater- BH3)

Sampling Frequency	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually
Date Sampled	Date Obtained	pH (pH units)	Electrical Conductivity (µS/cm)	Total Dissolved Solids (mg/L)	Ammonia (mg/L)	Nitrate (mg/L)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Reactive Phosphorus (mg/L)	Standing Water Level (measured)
20-Sep-12	7-Dec-13	8.28	439	288	0.03	0.04	0.30	0.30	0.07	5.13
16-Jan-13	30-Mar-13	8.07	434	276	0.05	0.21	1.00	0.50	0.10	5.65
8-Jul-13	6-Sep-13	8.18	427	301	0.03	0.04	0.40	0.26	0.11	6.45
29-Jan-14	21-Feb-14	8.06	456	275	0.11	0.17	0.80	0.26	0.1	7.09
16-Jul-14	3-Sep-14	8.12	452	270	0.05	0.06	0.20	0.23	0.13	7.40
28-Jan-15	25-Feb-15	8.11	436	255	0.18	0.24	1.10	0.21	0.15	7.71
14-Jul-15	7-Aug-15	7.91	430	233	0.11	0.06	0.40	0.17	0.15	7.61
26-Jan-16	14-Mar-16	8.15	431	233	0.16	0.01	0.40	0.11	0.09	6.95
22-Jun-16	26-Sep-16	8.05	413	260	0.04	0.05	0.20	0.16	0.13	7.42
2-Feb-17	17-Feb-17	8.13	397	302	0.08	< 0.01	0.30	0.09	0.07	6.23
2-Aug-17	19-Sep-18	8.23	390	216	0.02	< 0.01	< 0.1	0.02	0.03	2.78
31-Jan-18	9-Feb-18	8.2	396	292	0.02	0.09	< 0.1	0.09	0.08	4.10
1-Aug-18	30-Aug-18	8.09	437	221	0.09	< 0.01	< 0.1	0.13	0.13	5.85
27-Mar-19	13-May-19	8.06	396	271	0.1	0.02	0.20	0.15	0.13	6.49
25-Sep-19	12-Nov-19	7.6	446	238	0.01	0.02	< 0.1	0.14	0.16	8.29
22-Apr-20	1-May-20	8.1	410	270	0.074	0.1	0.20	0.2	0.13	8.38
2-Sep-20	11-Sep-20	8	430	340	0.16	0.01	0.20	0.2	0.15	8.4

Point 16 (Groundwater- BH4)

Sampling Frequency	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually
Date Sampled	Date Obtained	pH (pH units)	Electrical Conductivity (µS/cm)	Total Dissolved Solids (mg/L)	Ammonia (mg/L)	Nitrate (mg/L)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Reactive Phosphorus (mg/L)	Standing Water Level (measured)
20-Sep-12	7-Dec-13	7.71	2100	1360	1.68	0.27	7.40	1.3	0.13	8.11
16-Jan-13	30-Mar-13	7.17	2290	1430	2.88	0.12	14.40	4.26	0.59	8.88
8-Jul-13	6-Sep-13	7.04	2450	2120	7.76	0.03	38.50	9.34	0.48	8.62
29-Jan-14	21-Feb-14	7.43	2400	1440	4.88	0.24	11.80	4.02	0.26	9.58
16-Jul-14	3-Sep-14	7.08	2470	1430	3.42	0.12	12.10	4.12	0.08	9.89
28-Jan-15	25-Feb-15	7.76	2200	1270	5.41	0.03	7.70	3.92	0.12	10.25
14-Jul-15	7-Aug-15	7.05	2830	1760	7	0.02	23.90	9.67	0.14	6.69
26-Jan-16	14-Mar-16	7.52	2420	1370	5.8	0.07	13.00	8.2	0.68	9.36
22-Jun-16	26-Sep-16	7.28	2280	1230	4.02	0.05	24.40	6.66	0.11	10.02
2-Feb-17	17-Feb-17	7.6	1700	1010	3.76	< 0.01	7.30	4.09	0.42	8.41
2-Aug-17	19-Sep-18	7.74	2280	1370	1.12	< 0.01	13.90	2.9	0.03	7.05
31-Jan-18	9-Feb-18	7.54	1610	1100	2.99	0.23	6.40	1.21	0.2	6.80
1-Aug-18	30-Aug-18	7.39	2230	1130	3.53	0.06	8.30	2.19	0.07	6.75
27-Mar-19	13-May-19	7.47	2400	1460	3.39	0.09	10.90	3.42	0.07	9.30
25-Sep-19	12-Nov-19	7.02	2800	1660	3.05	0.04	8.10	3.62	0.04	9.75
22-Apr-20	1-May-20	7.3	2100	1200	4.4	0.12	6.40	0.8	0.16	10.89
2-Sep-20	11-Sep-20	7	2600	1800	4.9	0.062	7.80	4.7	0.36	10.90

Point 17 (Groundwater- BH5)

Sampling Frequency	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually
Date Sampled	Date Obtained	pH (pH units)	Electrical Conductivity (µS/cm)	Total Dissolved Solids (mg/L)	Ammonia (mg/L)	Nitrate (mg/L)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Reactive Phosphorus (mg/L)	Standing Water Level (measured)
20-Sep-12	7-Dec-13	7.83	1860	1160	<0.01	4.5	5.80	0.02	0.02	1.75
16-Jan-13	30-Mar-13	7.58	1770	1050	0.03	4.25	7.30	<0.02	0.02	2.53
8-Jul-13	6-Sep-13	7.66	1690	833	<0.01	4.04	5.40	0.02	0.02	3.62
29-Jan-14	21-Feb-14	7.78	1750	927	0.02	4.61	5.40	0.04	0.01	3.62
16-Jul-14	3-Sep-14	7.60	1660	952	<0.01	5.36	6.10	0.04	0.02	4.24
28-Jan-15	25-Feb-15	7.91	1540	806	0.02	6.01	7.40	0.04	<0.01	4.36
14-Jul-15	7-Aug-15	7.85	1470	800	0.06	4.42	5.20	0.08	0.02	4.55
26-Jan-16	14-Mar-16	7.93	1450	856	< 0.01	3.35	3.90	0.04	0.02	3.78
22-Jun-16	26-Sep-16	7.71	1470	844	0.01	3.73	4.50	0.06	< 0.01	4.40
2-Feb-17	17-Feb-17	7.79	1390	922	< 0.01	1.84	2.40	0.02	0.01	2.69
2-Aug-17	19-Sep-18	7.77	1520	802	0.05	5.16	5.70	< 0.01	0.01	6.20
31-Jan-18	9-Feb-18	7.72	1770	1100	< 0.01	7.25	8.30	0.02	0.01	0.90
1-Aug-18	30-Aug-18	7.7	1840	932	0.11	6.76	7.60	0.02	0.02	1.80
27-Mar-19	13-May-19	8.07	1680	956	0.03	5.75	6.60	0.02	< 0.01	3.00
25-Sep-19	12-Nov-19	7.32	1830	982	0.05	4.45	6.30	0.03	0.01	3.75
22-Apr-20	1-May-20	7.7	1500	1000	0.012	3.4	3.50	0.06	0.044	4.94
2-Sep-20	11-Sep-20	7.5	1500	1000	0.088	2.9	3.20	0.1	0.077	4.90

Point 19 (Average of stormwater collection points below cattleyards)

Sampling Frequency (each overflow event)	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually
Date Sampled	Date Obtained	pH (pH units)	Electrical Conductivity (µS/cm)	Total Suspended Solids (mg/L)	Ammonia (mg/L)	Nitrate as N (mg/L)	Total Kjeldahl Nitrogen (mg/L)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Reactive Phosphorus (mg/L)
28-Jan-15	25-Feb-15	7.50	388	215	0.61	4.41	6.70	11.50	9.69	9.61

Point 20 (Blue metal filter below first flush collection pit for sheep pens)

Sampling Frequency (each overflow event)	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually
Date Sampled	Date Obtained	pH (pH units)	Electrical Conductivity (µS/cm)	Total Suspended Solids (mg/L)	Ammonia (mg/L)	Nitrate as N (mg/L)	Total Kjeldahl Nitrogen (mg/L)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Reactive Phosphorus (mg/L)
28-Jan-15	25-Feb-15	7.50	388	215	0.61	4.41	6.70	11.50	9.69	9.61

Point 21 (Groundwater- BH6)

Sampling Frequency	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually	Biannually
Date Sampled	Date Obtained	pH (pH units)	Electrical Conductivity (µS/cm)	Total Dissolved Solids (mg/L)	Ammonia (mg/L)	Nitrate (mg/L)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Reactive Phosphorus (mg/L)	Standing Water Level (measured)
20-Sep-12	7-Dec-13	8.01	1120	714	0.04	0.08	<0.1	0.10	0.02	20.77
16-Jan-13	30-Mar-13	7.82	1080	636	0.02	0.33	0.90	0.17	0.02	21.12
8-Jul-13	6-Sep-13	7.89	1090	602	<0.01	0.24	0.15	0.03	0.03	21.55
29-Jan-14	21-Feb-14	7.90	1120	641	0.14	0.08	0.50	0.12	0.03	23.49
16-Jul-14	Blocked									24.10
28-Jan-15	25-Feb-15	7.93	1050	570	0.1	0.03	1.60	0.31	<0.01	24.71
14-Jul-15	7-Aug-15	7.71	1030	542	0.06	0.06	1.60	0.28	0.03	24.61
26-Jan-16	14-Mar-16									NMWWL
22-Jun-16	26-Sep-16									NMWWL
2-Feb-17	17-Feb-17	7.59	1090	730	0.03	0.14	11.80	1.58	0.15	23.00
2-Aug-17	19-Sep-18	7.95	984	506	0.08	< 0.01	0.20	< 0.01	0.02	20.60
31-Jan-18	9-Feb-18	7.92	1010	660	0.51	0.03	0.50	0.05	0.02	21.00
1-Aug-18	30-Aug-18	7.97	1010	510	0.08	< 0.01	< 0.1	0.03	0.02	21.54
27-Mar-19	13-May-19	8.12	981	603	0.02	0.15	0.20	0.01	< 0.01	22.40
25-Sep-19	DRY									NMWWL
22-Apr-20	1-May-20	7.7	1500	930	0.014	3.4	3.4	0.07	0.044	24.4
2-Sep-20	11-Sep-20	7.5	1500	1200	0.075	3	3.3	0.1	0.077	24.4