Orange City Council
Euchareena Road Resource Recovery Centre (ERRRC)
Euchareena Road, Molong
EPL 20104
Waste Disposal (application to land)

Sampling Point 6 (Groundwater HP1)

| Sampling Frequency (where liquid is present) | | | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Date Sampled** | **Date Obtained** | **Date Published** | **pH (pH units)** | **Electrical Conductivity (µS/cm)** | **Total Alkalinity as CaCO3 (mg/L)** | **Sulfate (mg/L)** | **Chloride (mg/L)** | **Calcium (mg/L)** | **Magnesium (mg/L)** | **Sodium (mg/L)** | **Potassium (mg/L)** | **Manganese (mg/L)** | **Iron (mg/L)** | **Fluoride (mg/L)** | **Ammonia as N (mg/N/L)** | **Nitrate as N (mg/N/L)** | **Total Organic Carbon (mg/L)** | **Phenols (Total) (mg/L)** | **Standing Water Level (mAHD)** |
| 13-Aug-12 | 31-Jan-13 | | 7.53 | 3450 | 498 | 93 | 901 | 260 | 172 | 184 | 4 | 0.016 | 0.05 | 0.2 | 0.04 | 2.76 | <1 | <0.05 | 569.55 |
| 05-Feb-13 | 17-Apr-13 | | 7.55 | 3510 | 460 | 91 | 882 | 263 | 187 | 201 | 3 | 0.018 | 0.08 | 0.2 | <0.01 | 3.21 | 2 | <0.05 | 569.79 |
| 28-Aug-13 | 30-Sep-13 | | 7.29 | 3570 | 450 | 84 | 842 | 261 | 181 | 183 | 4 | 0.006 | <0.05 | 0.2 | <0.01 | 3.3 | 7 | <0.05 | 569.89 |
| 26-Feb-14 | 16-Apr-14 | | 7.59 | 3650 | 440 | 86 | 804 | 250 | 168 | 150 | 3 | 0.006 | <0.05 | 0.2 | <0.01 | 3.51 | <1 | <0.05 | 569.87 |
| 27-Aug-14 | 09-Sep-14 | | 7.65 | 3600 | 425 | 89 | 887 | 275 | 186 | 189 | 4 | 0.005 | <0.05 | 0.2 | <0.01 | 3.59 | 2 | <0.05 | 569.94 |
| 23-Feb-15 | 09-Mar-15 | | 7.52 | 3700 | 475 | 86 | 913 | 288 | 177 | 178 | 3 | 0.006 | <0.05 | 0.4 | 0.02 | 3.68 | <1 | <0.05 | 570.19 |
| 17-Aug-15 | 28-Sep-15 | | 7.39 | 3600 | 452 | 86 | 636 | 252 | 171 | 171 | 3 | 0.003 | <0.05 | <0.1 | 0.01 | 3.29 | <1 | <0.05 | 569.65 |
| 24-Feb-16 | 30-Mar-16 | | 7.22 | 3490 | 467 | 94 | 864 | 275 | 180 | 184 | 3 | 0.009 | < 0.05 | 0.1 | 0.02 | 3.43 | 1 | < 0.05 | 569.66 |
| 09-Aug-16 | 16-Sep-16 | | 7.34 | 3540 | 453 | 82 | 820 | 271 | 173 | 182 | 3 | 0.007 | 0.07 | 0.1 | < 0.01 | 3.42 | 2 | < 0.05 | 570.57 |
| 21-Feb-17 | 03-Mar-17 | | 7.06 | 3640 | 497 | 76 | 776 | 251 | 162 | 182 | 3 | 0.008 | < 0.05 | 0.2 | 0.03 | 3.31 | 4 | < 0.05 | 570.69 |
| 03-Aug-17 | 04-Sep-17 | | 7.41 | 3530 | 452 | 91 | 844 | 243 | 163 | 167 | 3 | 0.022 | < 0.05 | 0.1 | < 0.01 | 3.35 | 2 | < 0.05 | 570.91 |
| 07-Mar-18 | 12-Apr-18 | | 7.35 | 3510 | 502 | 82 | 856 | 258 | 172 | 176 | 3 | 0.003 | < 0.05 | 0.2 | 0.18 | 3.46 | 2 | < 0.05 | 570.74 |
| 21-Aug-18 | 29-Aug-18 | | 7.04 | 3520 | 490 | 84 | 827 | 245 | 157 | 162 | 2 | 0.006 | < 0.05 | 0.2 | < 0.01 | 3.59 | < 1 | < 0.05 | 570.77 |
| 13-Feb-19 | Blocked | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 09-Dec-19 | 13-Mar-20 | | 7.4 | 3470 | 434 | 88 | 946 | 242 | 175 | 178 | 4 | 0.528 | < 0.05 | 0.2 | 0.05 | 0.16 | 19 | <0.05 | 569.67 |
| 06-May-20 | 10-Jul-20 | | 7.41 | 3500 | 602 | 52 | 902 | 251 | 176 | 182 | 3 | 1.27 | 0.1 | 0.2 | 0.15 | < 0.01 | 17 | < 0.05 | 569.52 |

Sampling Point 7 (Groundwater HP2)

| Sampling Frequency (where liquid is present) | | | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Date Sampled** | **Date Obtained** | **Date Published** | **pH (pH units)** | **Electrical Conductivity (µS/cm)** | **Total Alkalinity as CaCO3 (mg/L)** | **Sulfate (mg/L)** | **Chloride (mg/L)** | **Calcium (mg/L)** | **Magnesium (mg/L)** | **Sodium (mg/L)** | **Potassium (mg/L)** | **Manganese (mg/L)** | **Iron (mg/L)** | **Fluoride (mg/L)** | **Ammonia as N (mg/N/L)** | **Nitrate as N (mg/N/L)** | **Total Organic Carbon (mg/L)** | **Phenols (Total) (mg/L)** | **Standing Water Level (mAHD)** |
| 13-Aug-12 | 31-Jan-13 | | 7.52 | 2490 | 464 | 56 | 595 | 191 | 118 | 140 | 2 | 0.197 | 0.1 | 0.2 | 0.03 | 5.8 | <1 | <0.05 | 572.37 |
| 05-Feb-13 | 17-Apr-13 | | 7.67 | 2550 | 422 | 58 | 567 | 196 | 131 | 152 | 1 | 0.061 | <0.05 | 0.2 | <0.01 | 8.18 | 2 | <0.05 | 572.61 |
| 28-Aug-13 | 30-Sep-13 | | 7.36 | 2600 | 425 | 55 | 565 | 191 | 125 | 141 | 2 | 0.045 | <0.05 | 0.2 | <0.01 | 8.66 | 6 | <0.05 | 572.71 |
| 26-Feb-14 | 16-Apr-14 | | 7.67 | 2670 | 415 | 59 | 527 | 190 | 119 | 121 | 1 | 0.034 | <0.05 | 0.2 | <0.01 | 9.04 | <1 | <0.05 | 572.69 |
| 27-Aug-14 | 09-Sep-14 | | 7.72 | 2680 | 394 | 66 | 591 | 202 | 131 | 148 | 2 | 0.03 | <0.05 | 0.2 | 0.07 | 10.1 | 2 | <0.05 | 572.76 |
| 23-Feb-15 | 09-Mar-15 | | 7.64 | 2770 | 457 | 68 | 551 | 201 | 129 | 143 | 1 | 0.046 | <0.05 | 0.3 | 0.03 | 9.06 | <1 | <0.05 | 573.01 |
| 17-Aug-15 | 28-Sep-15 | | 7.43 | 2650 | 426 | 68 | 440 | 194 | 127 | 138 | 1 | 0.045 | <0.05 | 0.2 | 0.02 | 8.42 | <1 | <0.05 | 572.99 |
| 24-Feb-16 | 30-Mar-16 | | 7.3 | 2550 | 369 | 76 | 617 | 214 | 135 | 153 | 1 | 0.046 | < 0.05 | 0.1 | 0.03 | 9.36 | 1 | < 0.05 | 572.80 |
| 09-Aug-16 | 16-Sep-16 | | 7.34 | 2710 | 423 | 74 | 579 | 214 | 126 | 145 | 1 | 0.025 | < 0.05 | 0.2 | < 0.01 | 9.14 | 1 | < 0.05 | 572.68 |
| 21-Feb-17 | 03-Mar-17 | | 7.16 | 2710 | 463 | 66 | 534 | 199 | 119 | 138 | 2 | 0.085 | < 0.05 | 0.2 | 0.04 | 7.4 | 2 | < 0.05 | 575.35 |
| 03-Aug-17 | 04-Sep-17 | | 7.5 | 2460 | 393 | 78 | 525 | 179 | 114 | 136 | 1 | 0.015 | < 0.05 | 0.1 | < 0.01 | 8.39 | 2 | < 0.05 | 575.60 |
| 07-Mar-18 | 12-Apr-18 | | 7.44 | 2360 | 466 | 71 | 504 | 181 | 114 | 143 | 1 | 0.007 | < 0.05 | 0.2 | 0.07 | 9.18 | 3 | < 0.05 | 574.39 |
| 21-Aug-18 | 29-Aug-18 | | 7.3 | 2390 | 459 | 73 | 485 | 166 | 102 | 127 | 1 | 0.036 | < 0.05 | 0.2 | 0.05 | 9.34 | 2 | < 0.05 | 574.69 |
| 13-Feb-19 | 22-Feb-19 | | 7.33 | 2250 | 400 | 75 | 484 | 180 | 114 | 140 | 1 | 0.02 | < 0.05 | 0.3 | < 0.01 | 2.51 | < 1 | < 0.05 | 574.2 |
| 09-Dec-19 | 13-Mar-20 | | 7.74 | 2520 | 458 | 80 | 562 | 196 | 120 | 140 | 2 | 0.068 | < 0.05 | 0.2 | 0.06 | 8.98 | 7 | <0.05 | 576.03 |
| 06-May-20 | 10-Jul-20 | | 7.68 | 2550 | 549 | 73 | 564 | 190 | 125 | 151 | 1 | 0.006 | < 0.05 | 0.1 | 0.02 | 10.4 | < 1 | < 0.05 | 573.27 |

Sampling Point 8 (Groundwater HP3)

| Sampling Frequency (where liquid is present) | | | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Date Sampled** | **Date Obtained** | **Date Published** | **pH (pH units)** | **Electrical Conductivity (µS/cm)** | **Total Alkalinity as CaCO3 (mg/L)** | **Sulfate (mg/L)** | **Chloride (mg/L)** | **Calcium (mg/L)** | **Magnesium (mg/L)** | **Sodium (mg/L)** | **Potassium (mg/L)** | **Manganese (mg/L)** | **Iron (mg/L)** | **Fluoride (mg/L)** | **Ammonia as N (mg/N/L)** | **Nitrate as N (mg/N/L)** | **Total Organic Carbon (mg/L)** | **Phenols (Total) (mg/L)** | **Standing Water Level (mAHD)** |
| 13-Aug-12 | 31-Jan-13 | | 7.84 | 1630 | 530 | 3 | 302 | 119 | 72 | 141 | 2 | 0.706 | 1.04 | 0.2 | 0.65 | 0.05 | 5 | <0.05 | 568.69 |
| 05-Feb-13 | 17-Apr-13 | | 7.93 | 1600 | 433 | 14 | 282 | 111 | 76 | 147 | 2 | 0.914 | 1.49 | 0.2 | 0.19 | 0.26 | 2 | <0.05 | 568.68 |
| 28-Aug-13 | 30-Sep-13 | | 7.76 | 1410 | 407 | 24 | 215 | 88 | 61 | 120 | 2 | 1.000 | 1.46 | 0.2 | 0.14 | 0.01 | 7 | <0.05 | 568.69 |
| 26-Feb-14 | 16-Apr-14 | | 7.95 | 1460 | 435 | 27 | 190 | 102 | 59 | 104 | 1 | 0.761 | 0.26 | 0.2 | 0.24 | 0.04 | 3 | <0.05 | 568.49 |
| 27-Aug-14 | 09-Sep-14 | | 7.97 | 1340 | 379 | 34 | 174 | 86 | 59 | 116 | 2 | 0.862 | 1.36 | 0.2 | 0.1 | <0.01 | 1 | <0.05 | 568.65 |
| 23-Feb-15 | 09-Mar-15 | | 7.96 | 1470 | 437 | 36 | 172 | 91 | 62 | 111 | 1 | 0.91 | 1.7 | 0.2 | 0.14 | 0.14 | <1 | <0.05 | 568.45 |
| 17-Aug-15 | 28-Sep-15 | | 7.79 | 1340 | 411 | 36 | 146 | 84 | 63 | 107 | 2 | 0.808 | 1.29 | 0.1 | 0.15 | 0.1 | <1 | <0.05 | 568.25 |
| 24-Feb-16 | 30-Mar-16 | | 7.68 | 1390 | 450 | 36 | 175 | 94 | 61 | 113 | 1 | 0.961 | 3.06 | < 0.1 | 0.13 | 0.07 | 2 | < 0.05 | 568.01 |
| 09-Aug-16 | 16-Sep-16 | | 7.76 | 1360 | 429 | 31 | 167 | 96 | 62 | 109 | 1 | 0.974 | 3.3 | 0.1 | 0.07 | 0.09 | 1 | < 0.05 | 568.14 |
| 21-Feb-17 | 03-Mar-17 | | 7.54 | 1380 | 488 | 34 | 166 | 83 | 62 | 109 | 2 | 0.741 | 2.48 | 0.2 | 0.07 | 0.05 | 2 | < 0.05 | 569.01 |
| 03-Aug-17 | 04-Sep-17 | | 7.82 | 1280 | 335 | 34 | 178 | 88 | 59 | 106 | 1 | 0.896 | 3.42 | 0.2 | 0.23 | 0.04 | 3 | < 0.05 | 568.97 |
| 07-Mar-18 | 12-Apr-18 | | 7.74 | 1390 | 467 | 35 | 194 | 91 | 63 | 109 | 1 | 0.796 | 2.59 | 0.2 | 0.14 | 0.09 | 3 | < 0.05 | 568.76 |
| 21-Aug-18 | 29-Aug-18 | | 7.55 | 1400 | 492 | 36 | 171 | 85 | 57 | 98 | 1 | 0.816 | 3.03 | 0.2 | 0.13 | 0.24 | 2 | < 0.05 | 568.57 |
| 13-Feb-19 | 22-Feb-19 | | 7.65 | 1140 | 468 | 30 | 148 | 87 | 60 | 107 | 1 | 0.758 | 2.51 | 0.2 | 0.02 | 0.03 | < 1 | < 0.05 | 568.45 |
| 09-Dec-19 | 13-Mar-20 | | 7.75 | 1280 | 462 | 28 | 146 | 91 | 60 | 105 | 2 | 0.786 | 2.52 | 0.2 | 0.13 | 0.06 | 1 | <0.05 | 568.04 |
| 06-May-20 | 10-Jul-20 | | 7.9 | 1280 | 582 | 26 | 143 | 85 | 60 | 107 | 1 | 0.739 | 1.99 | < 0.1 | 0.08 | 0.14 | < 1 | < 0.05 | 567.89 |

Sampling Point 9 (Groundwater HP4)

| Sampling Frequency (where liquid is present) | | | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Date Sampled** | **Date Obtained** | **Date Published** | **pH (pH units)** | **Electrical Conductivity (µS/cm)** | **Total Alkalinity as CaCO3 (mg/L)** | **Sulfate (mg/L)** | **Chloride (mg/L)** | **Calcium (mg/L)** | **Magnesium (mg/L)** | **Sodium (mg/L)** | **Potassium (mg/L)** | **Manganese (mg/L)** | **Iron (mg/L)** | **Fluoride (mg/L)** | **Ammonia as N (mg/N/L)** | **Nitrate as N (mg/N/L)** | **Total Organic Carbon (mg/L)** | **Phenols (Total) (mg/L)** | **Standing Water Level (mAHD)** |
| 13-Aug-12 | 31-Jan-13 | | 7.46 | 2410 | 561 | 60 | 536 | 180 | 119 | 160 | 3 | 0.026 | 0.24 | 0.2 | 0.04 | 1.32 | <1 | <0.05 | 577.51 |
| 05-Feb-13 | 17-Apr-13 | | 7.61 | 2460 | 506 | 70 | 512 | 177 | 123 | 168 | 2 | 0.044 | 0.23 | 0.2 | <0.01 | 1.57 | <1 | <0.05 | 577.95 |
| 28-Aug-13 | 30-Sep-13 | | 7.30 | 2480 | 532 | 55 | 511 | 177 | 121 | 159 | 3 | 0.009 | 0.09 | 0.2 | <0.01 | 1.58 | 5 | <0.05 | 578.10 |
| 26-Feb-14 | 16-Apr-14 | | 7.66 | 2540 | 489 | 67 | 473 | 192 | 114 | 134 | 3 | 0.004 | <0.05 | 0.2 | 0.02 | 1.75 | <1 | <0.05 | 578.32 |
| 27-Aug-14 | 09-Sep-14 | | 7.68 | 2530 | 473 | 59 | 525 | 181 | 124 | 164 | 3 | <0.001 | <0.05 | 0.2 | <0.01 | 1.8 | <1 | <0.05 | 578.34 |
| 23-Feb-15 | 09-Mar-15 | | 7.66 | 2620 | 527 | 59 | 488 | 174 | 120 | 155 | 2 | 0.012 | 0.1 | 0.2 | <0.01 | 1.85 | <1 | <0.05 | 578.56 |
| 17-Aug-15 | 28-Sep-15 | | 7.36 | 2500 | 506 | 60 | 387 | 172 | 118 | 149 | 2 | <0.001 | <0.05 | 0.1 | 0.06 | 1.76 | <1 | <0.05 | 577.83 |
| 24-Feb-16 | 30-Mar-16 | | 7.3 | 2520 | 536 | 62 | 512 | 187 | 125 | 163 | 2 | < 0.001 | < 0.05 | < 0.1 | 0.04 | 1.89 | < 1 | < 0.05 | 578.32 |
| 09-Aug-16 | 16-Sep-16 | | 7.21 | 2450 | 486 | 56 | 485 | 186 | 119 | 162 | 2 | < 0.001 | < 0.05 | 0.2 | < 0.01 | 1.89 | < 1 | < 0.05 | 578.24 |
| 21-Feb-17 | 03-Mar-17 | | 7.08 | 2520 | 569 | 54 | 462 | 168 | 114 | 158 | 2 | 0.002 | < 0.05 | 0.2 | < 0.01 | 1.8 | < 1 | < 0.05 | 579.58 |
| 03-Aug-17 | 04-Sep-17 | | 7.34 | 2480 | 520 | 66 | 506 | 171 | 114 | 151 | 2 | 0.003 | < 0.05 | 0.1 | < 0.01 | 1.87 | < 1 | < 0.05 | 576.74 |
| 07-Mar-18 | 12-Apr-18 | | 7.4 | 2460 | 584 | 69 | 538 | 172 | 116 | 152 | 2 | < 0.001 | < 0.05 | 0.2 | 0.12 | 1.97 | 2 | < 0.05 | 579.53 |
| 21-Aug-18 | 29-Aug-18 | | 7.22 | 2490 | 567 | 55 | 496 | 166 | 109 | 144 | 2 | 0.02 | < 0.05 | 0.2 | 0.04 | 2.15 | 3 | < 0.05 | 579.49 |
| 13-Feb-19 | 22-Feb-19 | | 7.3 | 2290 | 558 | 50 | 487 | 175 | 115 | 151 | 2 | 0.002 | < 0.05 | 0.2 | < 0.01 | 1.91 | < 1 | < 0.05 | 579.34 |
| 09-Dec-19 | 13-Mar-20 | | 7.97 | 2420 | 504 | 52 | 506 | 182 | 119 | 150 | 2 | 0.001 | < 0.05 | 0.2 | < 0.01 | 2.16 | < 1 | <0.05 | 579.05 |
| 06-May-20 | 10-Jul-20 | | 7.5 | 2440 | 651 | 49 | 507 | 174 | 120 | 159 | 2 | < 0.001 | < 0.05 | < 0.1 | 0.05 | 2.23 | 1 | < 0.05 | 578.68 |

Sampling Point 10 (Groundwater HP5)

| Sampling Frequency (where liquid is present) | | | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Date Sampled** | **Date Obtained** | **Date Published** | **pH (pH units)** | **Electrical Conductivity (µS/cm)** | **Total Alkalinity as CaCO3 (mg/L)** | **Sulfate (mg/L)** | **Chloride (mg/L)** | **Calcium (mg/L)** | **Magnesium (mg/L)** | **Sodium (mg/L)** | **Potassium (mg/L)** | **Manganese (mg/L)** | **Iron (mg/L)** | **Fluoride (mg/L)** | **Ammonia as N (mg/N/L)** | **Nitrate as N (mg/N/L)** | **Total Organic Carbon (mg/L)** | **Phenols (Total) (mg/L)** | **Standing Water Level (mAHD)** |
| 13-Aug-12 | 31-Jan-13 | | 7.81 | 722 | 279 | 24 | 20 | 53 | 28 | 76 | 5 | 0.48 | 1.27 | 0.4 | 0.67 | 0.12 | <1 | <0.05 | 576.67 |
| 05-Feb-13 | 17-Apr-13 | | 7.99 | 808 | 373 | 30 | 32 | 72 | 33 | 65 | 3 | 0.491 | 0.52 | 0.4 | 0.05 | 1.1 | <1 | <0.05 | 575.95 |
| 28-Aug-13 | 30-Sep-13 | | 7.76 | 815 | 381 | 28 | 22 | 66 | 33 | 68 | 3 | 0.117 | 0.1 | 0.4 | <0.01 | 0.54 | 6 | <0.05 | 575.10 |
| 26-Feb-14 | 16-Apr-14 | | 7.97 | 888 | 405 | 27 | 23 | 80 | 40 | 58 | 4 | 0.454 | <0.05 | 0.4 | 0.03 | 1.23 | <1 | <0.05 | 574.57 |
| 27-Aug-14 | 09-Sep-14 | | 7.99 | 891 | 390 | 26 | 21 | 76 | 44 | 57 | 4 | 0.423 | <0.05 | 0.3 | <0.01 | 0.1 | <1 | <0.05 | 574.43 |
| 23-Feb-15 | 09-Mar-15 | | 7.96 | 973 | 408 | 25 | 29 | 71 | 43 | 53 | 4 | 0.426 | <0.05 | 0.4 | 0.33 | 0.19 | <1 | <0.05 | 574.27 |
| 17-Aug-15 | 28-Sep-15 | | 7.67 | 894 | 419 | 27 | 18 | 74 | 51 | 52 | 3 | 0.66 | 0.22 | 0.3 | 0.17 | 0.16 | <1 | <0.05 | 573.92 |
| 24-Feb-16 | 30-Mar-16 | | 7.73 | 949 | 471 | 30 | 24 | 82 | 55 | 52 | 4 | 0.403 | < 0.05 | 0.2 | 0.05 | 0.25 | < 1 | < 0.05 | 573.72 |
| 09-Aug-16 | 16-Sep-16 | | 7.75 | 930 | 449 | 25 | 22 | 83 | 58 | 45 | 4 | 0.28 | < 0.05 | 0.3 | 0.29 | 0.13 | < 1 | < 0.05 | 573.62 |
| 21-Feb-17 | 03-Mar-17 | | 7.67 | 813 | 410 | 26 | 22 | 60 | 38 | 62 | 3 | 0.007 | < 0.05 | 0.4 | 0.01 | 0.03 | < 1 | < 0.05 | 576.95 |
| 03-Aug-17 | 04-Sep-17 | | 7.97 | 744 | 279 | 26 | 22 | 60 | 31 | 60 | 2 | 0.01 | < 0.05 | 0.3 | < 0.01 | 0.12 | < 1 | < 0.05 | 576.52 |
| 07-Mar-18 | 12-Apr-18 | | 7.82 | 825 | 411 | 29 | 22 | 67 | 38 | 62 | 3 | 1.39 | < 0.05 | 0.4 | 0.94 | 0.1 | 2 | < 0.05 | 575.45 |
| 21-Aug-18 | 29-Aug-18 | | 7.56 | 923 | 485 | 28 | 23 | 72 | 44 | 51 | 3 | 0.477 | < 0.05 | 0.4 | 0.02 | 0.85 | < 1 | < 0.05 | 574.91 |
| 13-Feb-19 | 22-Feb-19 | | 7.79 | 788 | 414 | 29 | 23 | 76 | 52 | 50 | 3 | 0.265 | < 0.05 | 0.3 | < 0.01 | 0.46 | < 1 | < 0.05 | 574.33 |
| 09-Dec-19 | 13-Mar-20 | | 8.13 | 901 | 456 | 31 | 21 | 82 | 55 | 49 | 3 | 0.006 | < 0.05 | 0.4 | 0.01 | 1.08 | 2 | < 0.05 | 574.02 |
| 06-May-20 | 10-Jul-20 | | 7.92 | 931 | 586 | 29 | 24 | 80 | 57 | 51 | 4 | 0.013 | < 0.05 | 0.2 | < 0.01 | 0.99 | 1 | < 0.05 | 573.95 |

Sampling Point 11 (Groundwater HP6)

| Sampling Frequency (where liquid is present) | | | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Date Sampled** | **Date Obtained** | **Date Published** | **pH (pH units)** | **Electrical Conductivity (µS/cm)** | **Total Alkalinity as CaCO3 (mg/L)** | **Sulfate (mg/L)** | **Chloride (mg/L)** | **Calcium (mg/L)** | **Magnesium (mg/L)** | **Sodium (mg/L)** | **Potassium (mg/L)** | **Manganese (mg/L)** | **Iron (mg/L)** | **Fluoride (mg/L)** | **Ammonia as N (mg/N/L)** | **Nitrate as N (mg/N/L)** | **Total Organic Carbon (mg/L)** | **Phenols (Total) (mg/L)** | **Standing Water Level (mAHD)** |
| 13-Aug-12 | 31-Jan-13 | | 7.64 | 2180 | 434 | 82 | 507 | 190 | 87 | 134 | 2 | 4.9 | 0.58 | 0.6 | 1.54 | 0.14 | 2 | <0.05 | 573.54 |
| 05-Feb-13 | 17-Apr-13 | | 7.82 | 2150 | 378 | 92 | 469 | 185 | 81 | 154 | 2 | 3.5 | 0.42 | 0.9 | 0.62 | 0.21 | 3 | <0.05 | 573.59 |
| 28-Aug-13 | 30-Sep-13 | | 7.60 | 2020 | 365 | 75 | 419 | 168 | 67 | 144 | 2 | 3.34 | 0.43 | 0.9 | 0.47 | 0.01 | 5 | <0.05 | 573.67 |
| 26-Feb-14 | 16-Apr-14 | | 7.92 | 1820 | 355 | 70 | 318 | 167 | 52 | 120 | 1 | 2.42 | 0.48 | 1 | 0.25 | 0.28 | 2 | <0.05 | 573.56 |
| 27-Aug-14 | 09-Sep-14 | | 7.88 | 1660 | 379 | 26 | 284 | 137 | 49 | 136 | 3 | 1.76 | <0.05 | 1 | 4.41 | 0.02 | 3 | <0.05 | 573.50 |
| 23-Feb-15 | 09-Mar-15 | | 7.82 | 1670 | 434 | 42 | 242 | 129 | 43 | 123 | 2 | 1.78 | 0.07 | 1.2 | 3.78 | 0.01 | <1 | <0.05 | 573.78 |
| 17-Aug-15 | 28-Sep-15 | | 7.68 | 1480 | 385 | 42 | 184 | 115 | 43 | 116 | 2 | 1.49 | <0.05 | 1.1 | 3.20 | 0.12 | <1 | <0.05 | 573.57 |
| 24-Feb-16 | 30-Mar-16 | | 7.64 | 1400 | 408 | 39 | 200 | 121 | 38 | 126 | 2 | 1.49 | < 0.05 | 1.1 | 1.70 | 0.09 | 2 | < 0.05 | 573.30 |
| 09-Aug-16 | 16-Sep-16 | | 7.73 | 1310 | 384 | 33 | 170 | 119 | 37 | 121 | 1 | 1.46 | < 0.05 | 1.1 | 1.29 | 0.07 | 2 | < 0.05 | 573.22 |
| 21-Feb-17 | 03-Mar-17 | | 7.48 | 1310 | 409 | 35 | 159 | 111 | 35 | 117 | 1 | 1.14 | < 0.05 | 1.2 | 1.25 | 0.04 | 2 | < 0.05 | 574.06 |
| 03-Aug-17 | 04-Sep-17 | | 7.79 | 1240 | 328 | 37 | 175 | 102 | 31 | 110 | 1 | 1.19 | < 0.05 | 0.9 | 0.90 | 0.08 | 2 | < 0.05 | 574.10 |
| 07-Mar-18 | 12-Apr-18 | | 7.74 | 1270 | 417 | 36 | 175 | 106 | 32 | 114 | 1 | 1.15 | < 0.05 | 1.1 | 0.96 | 0.05 | 3 | < 0.05 | 573.75 |
| 21-Aug-18 | 29-Aug-18 | | 7.49 | 1300 | 413 | 36 | 169 | 97 | 29 | 99 | 1 | 1.08 | < 0.05 | 1.4 | 0.58 | 0.08 | 2 | < 0.05 | 572.47 |
| 13-Feb-19 | 22-Feb-19 | | 7.53 | 1100 | 400 | 39 | 164 | 109 | 34 | 116 | < 1 | 1.18 | < 0.05 | 1.2 | 0.06 | 0.01 | < 1 | < 0.05 | 573.37 |
| 09-Dec-19 | 13-Mar-20 | | 8.16 | 1230 | 403 | 40 | 168 | 113 | 33 | 111 | 1 | 1.17 | < 0.05 | 1.2 | 0.5 | 0.17 | 1 | < 0.05 | 572.72 |
| 06-May-20 | 10-Jul-20 | | 7.82 | 1260 | 464 | 39 | 168 | 110 | 33 | 118 | 1 | 1.17 | < 0.05 | 1 | 0.52 | < 0.01 | 1 | < 0.05 | 571 |

Sampling Point 12 (Surface Water SWA)

| Sampling Frequency (during discharge) | | | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Date Sampled** | **Date Obtained** | **Date Published** | **pH (pH units)** | **Electrical Conductivity (µS/cm)** | **Total Suspended Solids (mg/L)** | **Turbidity (NTU)** | **Total Alkalinity as CaCO3 (mg/L)** | **Sulfate (mg/L)** | **Chloride (mg/L)** | **Calcium (mg/L)** | **Magnesium (mg/L)** | **Sodium (mg/L)** | **Potassium (mg/L)** | **Manganese (mg/L)** | **Iron (mg/L)** | **Fluoride (mg/L)** | **Ammonia as N (mg/N/L)** | **Nitrate as N (mg/N/L)** | **Oil and Grease (mg/L)** | **Phenols (Total) (mg/L)** | **Arsenic (mg/L)** | **Cadmium (mg/L)** | **Chromium (mg/L)** | **Copper (mg/L)** | **Nickel (mg/L)** | **Lead (mg/L)** | **Zinc (mg/L)** | **Mercury (mg/L)** | **Organochlorine Pesticides (mg/L)** | **Organophosphorus Pesticides (mg/L)** | **Polycyclic Aromatic Hydrocarbons (mg/L)** |
| 06-Mar-14 | 16-Apr-14 | | 7.59 | 163 | 418 | 1080 | 60 | 11 | 6 | 8 | 4 | 24 | 3 | 0.33 | 19.4 | 0.5 | 0.09 | 2.26 | <5 | <0.05 | | | | | | | | | | | |
| 30-Apr-15 | 08-May-15 | | 8.1 | 191 | 19 | 181 | 96 | 5 | 3 | 4 | 2 | 26 | 4 | 0.06 | 5.56 | 0.6 | 0.42 | 0.62 | <5 | <0.05 | <0.001 | <0.0001 | 0.01 | 0.01 | 0.00 | 0.00 | 0.01 | <0.0001 | | | |
| 11-Jun-15 | 19-Jun-15 | | 8.26 | 203 | 11 | 96.5 | 89 | 6 | 3 | 17 | 2 | 12 | 2 | 0.038 | 4.01 | 0.6 | 0.11 | 0.2 | 10 | | <0.001 | <0.0001 | 0.01 | 0.01 | 0.00 | <0.001 | 0.01 | <0.0001 | ND | ND | ND |
| 17-Aug-15 | 28-Sep-15 | | 7.88 | 204 | 181 | 205 | 86 | 9 | 3 | 20 | 6 | 10 | 3 | 0.004 | 0.11 | 0.3 | 0.08 | 0.49 | 11 | <0.01 | <0.001 | <0.0001 | <0.001 | 0.00 | <0.001 | <0.001 | <0.005 | <0.0001 | <2.0 | <2.0 | <1.0 |
| 28-Oct-15 | 17-Nov-15 | | 8.08 | 204 | 17 | 54.6 | 100 | 11 | 4 | 20 | 8 | 15 | 3 | 0.068 | 1.36 | 0.6 | 0.06 | 0.04 | 5 | <0.05 | <0.001 | <0.0001 | 0.001 | 0.00 | <0.001 | <0.001 | 0.04 | <0.0001 | | | |
| 02-Dec-15 | 15-Jan-16 | | 8 | 219 | 15 | 198 | 92 | 10 | 4 | 18 | 7 | 16 | 6 | 0.284 | 6.89 | 0.5 | 0.14 | 0.17 | < 5 | < 0.05 | 0.001 | < 0.0001 | 0.007 | 0.01 | 0.01 | 0.00 | 0.02 | < 0.0001 | | | |
| 24-Feb-16 | 30-Mar-16 | | 8.08 | 204 | 363 | 88 | 92 | 5 | 3 | 20 | 8 | 13 | 4 | 0.626 | 23.5 | 0.6 | 0.04 | 0.15 | 16 | - | < 0.0001 | < 0.0001 | 0.002 | 0.01 | 0.02 | 0.01 | 0.03 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 19-Apr-16 | 17-May-16 | | 8.02 | 221 | 12 | 153 | 110 | 10 | 4 | 20 | 8 | 4 | 13 | 0.046 | 4.66 | 0.8 | 0.02 | 0.07 | < 5 | < 0.05 | < 0.001 | < 0.0001 | 0.005 | 0.01 | 0.00 | < 0.001 | 0.01 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 14-Jun-16 | 30-Jun-16 | | 7.67 | 153 | 236 | 950 | 66 | <1 | <1 | 12 | 5 | 10 | 3 | 0.224 | 26.3 | 0.4 | 0.20 | 0.37 | < 5 | < 0.05 | 0.002 | < 0.0001 | 0.027 | 0.03 | 0.02 | 0.01 | 0.04 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 10-Aug-16 | 16-Sep-16 | | 7.65 | 148 | 496 | 1110 | 56 | 16 | 2 | 15 | 4 | 10 | 1 | 0.328 | - | 0.2 | 0.02 | 0.22 | < 5 | < 0.05 | 0.002 | < 0.0001 | 0.025 | 0.03 | 0.02 | 0.01 | 0.04 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 14-Dec-16 | 16-Jan-17 | | 8.16 | 228 | 40 | 121 | 101 | 12 | 4 | 26 | 8 | 10 | 5 | 0.337 | 4.5 | 0.4 | 0.03 | 0.03 | < 5 | < 0.05 | 0.002 | < 0.0001 | 0.005 | 0.01 | 0.00 | < 0.001 | 0.01 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 21-Feb-17 | 03-Mar-17 | | 8.18 | 163 | 68 | 362 | 80 | < 1 | 5 | 8 | 4 | 20 | 8 | 0.214 | 10.6 | 0.3 | 0.02 | < 0.01 | < 5 | < 0.05 | | | | | | | | | | | |
| 16-May-17 | 30-May-17 | | 7.9 | 267 | 134 | 399 | 97 | 12 | 6 | 18 | 7 | 18 | 7 | 0.538 | 9.56 | 0.3 | 0.13 | 0.17 | < 5 | < 0.05 | 0.001 | < 0.0001 | 0.010 | 0.013 | 0.010 | 0.003 | 0.034 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 17-Jul-17 | 04-Aug-17 | | 7.89 | 267 | 533 | 536 | 132 | 16 | 7 | 30 | 10 | 14 | 6 | 0.668 | - | 0.4 | 0.18 | 0.06 | < 5 | < 0.05 | 0.002 | < 0.0001 | 0.017 | 0.025 | 0.015 | 0.004 | 0.026 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 25-Oct-17 | 20-Dec-17 | | 7.74 | 334 | 876 | 499 | 132 | 31 | 13 | 28 | 10 | 20 | 7 | 0.629 | 13.8 | 0.5 | 0.10 | 0.04 | < 5 | < 0.05 | 0.002 | < 0.0001 | 0.014 | 0.020 | 0.013 | 0.004 | 0.022 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 17-Jan-18 | 21-Feb-18 | | 7.74 | 283 | 1350 | 502 | 115 | 26 | 11 | 25 | 9 | 16 | 7 | 1.07 | 28.4 | 0.7 | 0.10 | < 0.01 | 10 | < 0.05 | 0.004 | < 0.0001 | 0.028 | 0.036 | 0.024 | 0.008 | 0.040 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 07-Mar-18 | 12-Apr-18 | | 8.05 | 266 | 310 | 1080 | 115 | 10 | 9 | 22 | 8 | 18 | 5 | 0.002 | - | 0.8 | 0.11 | 0.37 | < 5 | < 0.05 | < 0.001 | < 0.0001 | < 0.001 | 0.003 | 0.002 | < 0.001 | < 0.005 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 13-Jun-18 | 19-Jul-18 | | 8.45 | 321 | 403 | 645 | 154 | 21 | 18 | 23 | 12 | 30 | 5 | 0.232 | 14.6 | 0.8 | 0.16 | 0.07 | < 5 | < 0.05 | 0.003 | < 0.0001 | 0.015 | 0.026 | 0.014 | 0.004 | 0.020 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 17-Dec-18 | 17-Jan-19 | | 7.68 | 137 | 1020 | 2400 | 60 | 15 | 7 | 9 | 5 | 16 | 3 | 0.526 | 48.3 | 0.7 | 0.04 | 0.67 | < 5 | < 0.05 | 0.003 | < 0.0001 | 0.047 | 0.047 | 0.040 | 0.009 | 0.062 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 09-Dec-19 | 13-Mar-20 | | 8.21 | 429 | 376 | 592 | 185 | 17 | 15 | 27 | 14 | 40 | 8 | 0.372 | 7.66 | 1.4 | 0.13 | 0.1 | < 5 | < 0.05 | 0.002 | < 0.0001 | 0.009 | 0.017 | 0.009 | 0.002 | 0.013 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 26-Mar-20 | 30-Apr-20 | | 7.07 | 119 | 2780 | 8920 | 44 | 1 | 8 | 5 | 3 | 12 | 3 | 1.13 | 89.3 | 0.4 | 0.16 | 1.32 | < 5 | < 0.05 | 0.006 | < 0.0001 | 0.103 | 0.115 | 0.072 | 0.029 | 0.157 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 06-May-20 | 10-Jul-20 | | 6.83 | 114 | 627 | 3400 | 45 | 12 | 8 | 6 | 3 | 9 | 3 | 0.544 | 69.7 | 0.4 | 0.05 | 0.89 | < 5 | < 0.05 | 0.007 | < 0.0001 | 0.060 | 0.068 | 0.043 | 0.015 | 0.195 | < 0.0001 | <2.0 | <2.0 | <1.0 |

Sampling Point 13 (Surface Water SWB)

| Sampling Frequency (during discharge) | | | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Date Sampled** | **Date Obtained** | **Date Published** | **pH (pH units)** | **Electrical Conductivity (µS/cm)** | **Total Suspended Solids (mg/L)** | **Turbidity (NTU)** | **Total Alkalinity as CaCO3 (mg/L)** | **Sulfate (mg/L)** | **Chloride (mg/L)** | **Calcium (mg/L)** | **Magnesium (mg/L)** | **Sodium (mg/L)** | **Potassium (mg/L)** | **Manganese (mg/L)** | **Iron (mg/L)** | **Fluoride (mg/L)** | **Ammonia as N (mg/N/L)** | **Nitrate as N (mg/N/L)** | **Oil and Grease (mg/L)** | **Phenols (Total) (mg/L)** | **Arsenic (mg/L)** | **Cadmium (mg/L)** | **Chromium (mg/L)** | **Copper (mg/L)** | **Nickel (mg/L)** | **Lead (mg/L)** | **Zinc (mg/L)** | **Mercury (mg/L)** | **Organochlorine Pesticides (mg/L)** | **Organophosphorus Pesticides (mg/L)** | **Polycyclic Aromatic Hydrocarbons (mg/L)** |
| 07-Apr-14 | 29-May-14 | | 8.35 | 48 | 1800 | 2110 | 18 | 12 | 3 | <1 | <1 | 14 | 3 | 0.218 | 35.3 | 0.2 | <0.01 | 0.34 | <5 | <0.05 | 0.005 | <0.0001 | 0.04 | 0.03 | 0.02 | 0.01 | 0.05 | <0.0001 | <0.01 | <0.014 | <0.0005 |
| 30-Apr-15 | 08-May-15 | | 7.68 | 134 | 160 | 1340 | 62 | 27 | 6 | 27 | 4 | 22 | 3 | 0.237 | 49.5 | 0.3 | 0.8 | 0.35 | <5 | <0.05 | 0.004 | <0.0001 | 0.06 | 0.05 | 0.03 | 0.01 | 0.06 | <0.0001 | | | |
| 11-Jun-15 | 19-Jun-15 | | 7.88 | 142 | 44 | 1080 | 55 | 27 | 6 | 3 | 2 | 21 | 4 | 0.16 | 44.7 | 0.3 | <0.01 | 0.37 | 10 | | 0.004 | <0.0001 | 0.05 | 0.04 | 0.02 | 0.01 | 0.06 | <0.0001 | ND | ND | ND |
| 17-Aug-15 | 28-Sep-15 | | 7.28 | 102 | 46 | 652 | 39 | 22 | 4 | 3 | 2 | 13 | 4 | 0.012 | 3.73 | 0.1 | 0.04 | 0.48 | 9 | <0.01 | 0.001 | <0.0001 | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 | <0.0001 | <2.0 | <2.0 | <1.0 |
| 28-Oct-15 | 17-Nov-15 | | 7.68 | 113 | 37 | 713 | 53 | 32 | 6 | 4 | 2 | 20 | 4 | 0.142 | 28.7 | 0.3 | 0.46 | 0.22 | <5 | <0.05 | 0.003 | <0.0001 | 0.03 | 0.03 | 0.02 | 0.01 | 0.05 | <0.0001 | | | |
| 02-Dec-15 | 15-Jan-16 | | 7.81 | 144 | 58 | 1350 | 60 | 3 | 6 | 4 | 2 | 21 | 6 | 0.308 | 52.3 | 0.2 | 0.03 | 0.3 | < 5 | < 0.05 | 0.004 | < 0.0001 | 0.056 | 0.05 | 0.03 | 0.01 | 0.07 | 0.0002 | | | |
| 24-Feb-16 | 30-Mar-16 | | 7.83 | 150 | 200 | 1480 | 69 | 5 | 6 | 5 | 2 | 34 | 3 | 0.309 | 52.9 | 0.2 | 0.01 | 0.04 | 37 | | 0.004 | < 0.0001 | 0.053 | 0.05 | 0.04 | 0.01 | 0.08 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 19-Apr-16 | 17-May-16 | | 7.63 | 194 | 85 | 1380 | 89 | 14 | 7 | 7 | 4 | 6 | 26 | 0.582 | 58.9 | 0.4 | 0.04 | 0.13 | < 5 | < 0.05 | 0.002 | < 0.0001 | 0.064 | 0.05 | 0.04 | 0.01 | 0.09 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 14-Jun-16 | 30-Jun-16 | | 7.57 | 146 | 171 | 1080 | 81 | 5 | 3 | 5 | 3 | 21 | 5 | 0.288 | 45.2 | 0.2 | 0.02 | 0.62 | < 5 | < 0.05 | 0.003 | < 0.0001 | 0.046 | 0.04 | 0.01 | 0.01 | 0.06 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 11-Jul-16 | 16-Sep-16 | | 7.35 | 88 | 128 | 705 | 41 | < 1 | 4 | 4 | 2 | 8 | 6 | 0.356 | 28.5 | 0.1 | 0.05 | 0.31 | < 5 | < 0.05 | 0.002 | < 0.0001 | 0.033 | 0.02 | 0.02 | 0.01 | 0.04 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 10-Aug-16 | 16-Sep-16 | | 7.47 | 76 | 110 | 586 | 27 | 16 | 2 | 5 | 2 | 12 | 3 | 0.166 | - | < 0.1 | 0.04 | 0.25 | < 5 | < 0.05 | 0.001 | < 0.0001 | 0.019 | 0.02 | 0.02 | 0.00 | 0.03 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 14-Dec-16 | 16-Jan-17 | | 7.73 | 108 | 46 | 424 | 49 | 7 | 3 | 6 | 3 | 11 | 6 | 0.29 | 23 | 0.1 | 0.07 | 0.08 | < 5 | < 0.05 | 0.002 | < 0.0001 | 0.022 | 0.02 | 0.02 | 0.00 | 0.04 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 21-Feb-17 | 03-Mar-17 | | 8.34 | 168 | 56 | 369 | 83 | < 1 | 5 | 7 | 4 | 20 | 8 | 0.26 | 18.3 | 0.2 | 0.05 | 0.03 | < 5 | < 0.05 | | | | | | | | | | | |
| 16-May-17 | 30-May-17 | | 7.63 | 155 | 100 | 817 | 67 | 2 | 5 | 7 | 3 | 16 | 6 | 0.163 | 29.3 | 0.2 | < 0.01 | 0.13 | < 5 | < 0.05 | 0.002 | < 0.0001 | 0.026 | 0.028 | 0.019 | 0.005 | 0.043 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 17-Jul-17 | 04-Aug-17 | | 7.74 | 172 | 107 | 712 | 77 | 10 | 5 | 8 | 4 | 19 | 6 | 0.165 | - | 0.2 | 0.08 | 0.14 | < 5 | < 0.05 | < 0.001 | < 0.0001 | 0.001 | 0.007 | 0.003 | 0.002 | 0.006 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 25-Oct-17 | 20-Dec-17 | | 7.72 | 187 | 67 | 692 | 92 | 11 | 7 | 10 | 4 | 25 | 6 | 0.164 | 28.7 | 0.3 | 0.09 | 0.21 | < 5 | < 0.05 | 0.002 | < 0.0001 | 0.030 | 0.030 | 0.024 | 0.006 | 0.041 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 17-Jan-18 | 21-Feb-18 | | 7.93 | 228 | 110 | 774 | 110 | 4 | 8 | 9 | 5 | 28 | 8 | 0.347 | 32.2 | 0.3 | 0.17 | 0.11 | < 5 | < 0.05 | 0.003 | < 0.0001 | 0.035 | 0.032 | 0.024 | 0.006 | 0.050 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 07-Mar-18 | 12-Apr-18 | | 8.28 | 268 | 31 | 316 | 124 | 3 | 11 | 13 | 6 | 31 | 8 | 0.002 | - | 0.4 | 0.38 | 0.07 | < 5 | < 0.05 | 0.002 | < 0.0001 | < 0.001 | 0.004 | 0.003 | < 0.001 | < 0.005 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 13-Jun-18 | 19-Jul-18 | | 8.13 | 351 | 31 | 168 | 173 | 4 | 14 | 19 | 8 | 42 | 9 | 0.066 | 8.53 | 0.5 | 1.00 | 0.2 | < 5 | < 0.05 | 0.003 | < 0.0001 | 0.013 | 0.017 | 0.010 | 0.002 | 0.030 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 17-Dec-18 | 17-Jan-19 | | 7.64 | 152 | 89 | 651 | 64 | 9 | 10 | 10 | 6 | 17 | 5 | 0.15 | 13.4 | 0.6 | 0.03 | 0.12 | < 5 | < 0.05 | < 0.001 | < 0.0001 | 0.014 | 0.014 | 0.015 | 0.011 | 0.003 | 0.014 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 09-Dec-19 | 13-Mar-20 | | 7.81 | 515 | 154 | 307 | 110 | 58 | 40 | 17 | 9 | 61 | 8 | 0.521 | 8.71 | 0.7 | 0.45 | 0.22 | < 5 | < 0.05 | 0.002 | < 0.0001 | 0.010 | 0.020 | 0.012 | 0.002 | 0.016 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 26-Mar-20 | 30-Apr-20 | | 7.00 | 198 | 1330 | 2880 | 31 | 12 | 32 | 5 | 4 | 25 | 2 | 0.612 | 36.5 | 0.3 | 0.05 | 0.43 | < 5 | < 0.05 | 0.003 | < 0.0001 | 0.051 | 0.043 | 0.034 | 0.009 | 0.162 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 06-May-20 | 10-Jul-20 | | 6.77 | 94 | 337 | 2100 | 39 | 12 | 3 | 4 | 2 | 8 | 3 | 0.456 | 43.2 | 0.4 | 0.03 | 0.4 | < 5 | < 0.05 | 0.002 | < 0.0001 | 0.040 | 0.041 | 0.032 | 0.009 | 0.069 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 26-Oct-20 | 29-Jan-21 | | 7.74 | 121 | 54 | 706 | 55 | 6 | 4 | 7 | 3 | 12 | 4 | 0.001 | 0.45 | 0.3 | < 0.01 | 0.5 | < 5 | < 0.05 | < 0.001 | < 0.0001 | < 0.001 | 0.002 | 0.001 | < 0.001 | < 0.005 | < 0.0001 | <2.0 | <2.0 | <1.0 |

Sampling Point 14 (Surface Water SW1)

| Sampling Frequency (during discharge) | | | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Date Sampled** | **Date Obtained** | **Date Published** | **pH (pH units)** | **Electrical Conductivity (µS/cm)** | **Total Suspended Solids (mg/L)** | **Turbidity (NTU)** | **Total Alkalinity as CaCO3 (mg/L)** | **Sulfate (mg/L)** | **Chloride (mg/L)** | **Calcium (mg/L)** | **Magnesium (mg/L)** | **Sodium (mg/L)** | **Potassium (mg/L)** | **Manganese (mg/L)** | **Iron (mg/L)** | **Fluoride (mg/L)** | **Ammonia as N (mg/N/L)** | **Nitrate as N (mg/N/L)** | **Oil and Grease (mg/L)** | **Phenols (Total) (mg/L)** | **Arsenic (mg/L)** | **Cadmium (mg/L)** | **Chromium (mg/L)** | **Copper (mg/L)** | **Nickel (mg/L)** | **Lead (mg/L)** | **Zinc (mg/L)** | **Mercury (mg/L)** | **Organochlorine Pesticides (mg/L)** | **Organophosphorus Pesticides (mg/L)** | **Polycyclic Aromatic Hydrocarbons (mg/L)** |
| 07-Apr-14 | 29-May-14 | | 7.16 | 117 | 24 | 197 | 42 | 7 | 5 | 5 | 3 | 12 | 12 | 0.225 | 6.95 | 0.2 | 0.11 | 0.08 | <5 | < 0.05 | 0.00 | <0.0001 | 0.01 | 0.01 | 0.01 | 0.00 | 0.03 | <0.0001 | <0.01 | <0.014 | <0.0005 |
| 10-Aug-16 | 16-Sep-16 | | 6.91 | 74 | 12 | 182 | 25 | 1 | 2 | 5 | 2 | 8 | 4 | 0.112 | - | < 0.1 | 0.03 | 0.07 | < 5 | < 0.05 | < 0.001 | < 0.0001 | 0.009 | 0.01 | 0.01 | < 0.001 | 0.02 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 14-Jul-20 | 02-Nov-20 | | 6.83 | 90 | 145 | 65 | 40 | 4 | 3 | 7 | 3 | 2 | 7 | 0.088 | 1.09 | < 0.1 | < 0.01 | < 0.01 | < 5 | < 0.05 | < 0.001 | < 0.0001 | 0.001 | 0.00 | 0.01 | < 0.001 | 0.01 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 24-Aug-20 | 02-Nov-20 | | 6.84 | 92 | 10 | 155 | 45 | < 1 | 3 | 6 | 3 | 5 | 7 | 0.126 | 10.8 | 0.1 | 0.16 | 0.29 | < 5 | < 0.05 | 0.001 | < 0.0001 | 0.010 | 0.01 | 0.01 | 0.00 | 0.02 | < 0.0001 | <2.0 | <2.0 | <1.0 |

Sampling Point 15 (Surface Water SW2)

| Sampling Frequency (during discharge) | | | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Date Sampled** | **Date Obtained** | **Date Published** | **pH (pH units)** | **Electrical Conductivity (µS/cm)** | **Total Suspended Solids (mg/L)** | **Turbidity (NTU)** | **Total Alkalinity as CaCO3 (mg/L)** | **Sulfate (mg/L)** | **Chloride (mg/L)** | **Calcium (mg/L)** | **Magnesium (mg/L)** | **Sodium (mg/L)** | **Potassium (mg/L)** | **Manganese (mg/L)** | **Iron (mg/L)** | **Fluoride (mg/L)** | **Ammonia as N (mg/N/L)** | **Nitrate as N (mg/N/L)** | **Oil and Grease (mg/L)** | **Phenols (Total) (mg/L)** | **Arsenic (mg/L)** | **Cadmium (mg/L)** | **Chromium (mg/L)** | **Copper (mg/L)** | **Nickel (mg/L)** | **Lead (mg/L)** | **Zinc (mg/L)** | **Mercury (mg/L)** | **Organochlorine Pesticides (mg/L)** | **Organophosphorus Pesticides (mg/L)** | **Polycyclic Aromatic Hydrocarbons (mg/L)** |
| 07-Apr-14 | 29-May-14 | | 7.04 | 84 | 15 | 25.7 | 32 | <1 | 2 | 6 | 2 | 4 | 8 | 0.325 | 2.58 | 0.1 | 0.19 | <0.01 | <5 | < 0.05 | <0.001 | <0.0001 | 0.00 | 0.00 | 0.01 | <0.001 | 0.01 | <0.0001 | <0.01 | <0.014 | <0.0005 |
| 22-Jul-14 | 09-Sep-14 | | 7.31 | 91 | 230 | 126 | 48 | <1 | 2 | 8 | 3 | 4 | 5 | 0.121 | 2.06 | <0.1 | 0.02 | <0.01 | <5 | < 0.05 | <0.001 | <0.0001 | 0.00 | 0.00 | 0.00 | <0.001 | <0.005 | <0.0001 | <0.01 | <0.014 | <0.0005 |
| 09-Aug-16 | 16-Sep-16 | | 7.01 | 70 | 17 | 124 | 26 | < 1 | 2 | 6 | 2 | 6 | 2 | 0.095 | - | < 0.1 | 0.14 | 0.05 | < 5 | < 0.05 | < 0.001 | < 0.0001 | 0.008 | 0.01 | 0.01 | < 0.001 | 0.02 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 07-Sep-16 | 16-Sep-16 | | 7.16 | 70 | 28 | 137 | 40 | < 1 | 3 | 4 | 2 | 4 | 7 | 0.267 | 7.94 | < 0.1 | 0.17 | 0.15 | < 5 | 0.11 | 0.001 | < 0.0001 | 0.008 | 0.01 | 0.01 | 0.00 | 0.02 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 28-Jan-20 | 30-Apr-20 | | 6.66 | 53 | 139 | 242 | 24 | < 10 | 1 | 3 | 1 | 1 | 6 | 0.42 | 6.76 | 0.4 | - | 0.05 | < 5 | < 0.05 | < 0.001 | < 0.0001 | 0.009 | 0.01 | 0.01 | 0.00 | 0.02 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 26-Mar-20 | 30-Apr-20 | | 6.54 | 68 | 217 | 236 | 29 | < 1 | 1 | 5 | 2 | 1 | 6 | 0.494 | 7.22 | < 0.1 | 0.56 | 0.49 | < 5 | < 0.05 | < 0.001 | < 0.0001 | 0.008 | 0.008 | 0.011 | 0.002 | 0.030 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 14-Jul-20 | 02-Nov-20 | | 7.35 | 130 | 15 | 17.5 | 60 | 6 | 4 | 11 | 6 | 5 | 1 | 0.021 | 0.4 | < 0.1 | 0.02 | 0.62 | 5 | < 0.05 | < 0.001 | 0.00 | 0.001 | 0.00 | 0.00 | 0.00 | 0.04 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 24-Aug-20 | 02-Nov-20 | | 6.88 | 99 | 10 | 21.8 | 50 | < 1 | 4 | 10 | 3 | 4 | 5 | 0.299 | 2.72 | < 0.1 | 0.08 | 0.05 | < 5 | < 0.05 | < 0.001 | < 0.0001 | 0.002 | 0.00 | 0.00 | < 0.001 | 0.04 | < 0.0001 | <2.0 | <2.0 | <1.0 |

Sampling Point 16 (Surface Water SW3)

| Sampling Frequency (during discharge) | | | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Date Sampled** | **Date Obtained** | **Date Published** | **pH (pH units)** | **Electrical Conductivity (µS/cm)** | **Total Suspended Solids (mg/L)** | **Turbidity (NTU)** | **Total Alkalinity as CaCO3 (mg/L)** | **Sulfate (mg/L)** | **Chloride (mg/L)** | **Calcium (mg/L)** | **Magnesium (mg/L)** | **Sodium (mg/L)** | **Potassium (mg/L)** | **Manganese (mg/L)** | **Iron (mg/L)** | **Fluoride (mg/L)** | **Ammonia as N (mgN/L)** | **Nitrate as N (mgN/L)** | **Oil and Grease (mg/L)** | **Phenols (Total) (mg/L)** | **Arsenic (mg/L)** | **Cadmium (mg/L)** | **Chromium (mg/L)** | **Copper (mg/L)** | **Nickel (mg/L)** | **Lead (mg/L)** | **Zinc (mg/L)** | **Mercury (mg/L)** | **Organochlorine Pesticides (mg/L)** | **Organophosphorus Pesticides (mg/L)** | **Polycyclic Aromatic Hydrocarbons (mg/L)** |
| 07-Sep-16 | 16-Sep-16 | | 7.22 | 94 | 17 | 53.9 | 41 | 12 | 2 | 8 | 2 | 2 | 9 | 0.122 | 2.74 | < 0.1 | 0.13 | 0.16 | < 5 | 0.09 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.05 | < 0.0001 | <2.0 | <2.0 | <1.0 |
| 26-Mar-20 | 30-Apr-20 | | 6.5 | 68 | 115 | 76.9 | 28 | < 10 | 1 | 5 | 1 | < 1 | 8 | 0.786 | 2.31 | < 0.1 | 0.32 | 0.69 | < 5 | < 0.05 | < 0.001 | < 0.0001 | < 0.001 | 0.004 | 0.002 | 0.001 | 0.021 | < 0.0001 | <2.0 | <2.0 | <1.0 |

Sampling Point 17 (Leachate L1)

| Sampling Frequency (where liquid is present) | | | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually | Biannually |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Date Sampled** | **Date Obtained** | **Date Published** | **pH (pH units)** | **Electrical Conductivity (µS/cm)** | **Total Suspended Solids (mg/L)** | **Turbidity (NTU)** | **Total Alkalinity as CaCO3 (mg/L)** | **Sulfate (mg/L)** | **Chloride (mg/L)** | **Calcium (mg/L)** | **Magnesium (mg/L)** | **Sodium (mg/L)** | **Potassium (mg/L)** | **Manganese (mg/L)** | **Iron (mg/L)** | **Fluoride (mg/L)** | **Ammonia as N (mgN/L)** | **Nitrate as N (mgN/L)** | **Oil and Grease (mg/L)** | **Phenols (Total) (mg/L)** | **Arsenic (mg/L)** | **Cadmium (mg/L)** | **Chromium (mg/L)** | **Copper (mg/L)** | **Nickel (mg/L)** | **Lead (mg/L)** | **Zinc (mg/L)** | **Mercury (mg/L)** | **Total Petroleum Hydrocarbons (mg/L)** | **Organochlorine Pesticides (mg/L)** | **Organophosphorus Pesticides (mg/L)** | **Polycyclic Aromatic Hydrocarbons (mg/L)** | **BTEX (mg/L)** |
| 03-Oct-13 | 28-Nov-13 | | 5.44 | 42 | 2770 | | 4 | 3 | 6 | <1 | <1 | 7 | 1 | 0.325 | 142 | 0.1 | 0.14 | 0.38 | | <0.014 | 0.03 | 0.00 | 0.30 | 0.25 | 0.05 | 0.24 | 0.27 | <0.0001 | <0.07 | <0.010 | <0.014 | <0.0005 | <0.001 |
| 05-Dec-13 | 24-Jan-14 | | 6.11 | 558 | 7020 | 10400 | 145 | 13 | 43 | 35 | 11 | 40 | 13 | 1.46 | 63.1 | 0.2 | 6.82 | 0.29 | <10 | | | | | | | | | | | | | | |
| 22-Jan-14 | 31-Jan-14 | | | | | 1580 | | | | | | | | | | | | | 30 | 1.76 | | | | | | | | | | | | | |
| 06-Mar-14 | 16-Apr-14 | | 6.45 | 3750 | 36500 | 86200 | 1300 | 14 | 238 | 275 | 45 | 192 | 89 | 9.14 | 949 | 0.4 | 0.84 | <0.01 | <5 | 1.31 | | | | | | | | | | | | | |
| 22-Jul-14 | 09-Sep-14 | | 7.15 | 5600 | 246 | 630 | 2640 | 14 | 412 | 363 | 74 | 356 | 171 | 4.32 | 74.5 | 0.4 | 260 | <0.01 | <5 | 0.41 | 0.02 | <0.0001 | 0.021 | 0.016 | 0.046 | 0.001 | 0.068 | <0.0001 | 10.63 | <0.010 | <0.014 | <0.005 | 1.02 |
| 28-Oct-14 | 26-Nov-14 | | 7.27 | 5840 | 242 | 150 | 2760 | 7 | 403 | 277 | 78 | 399 | 171 | 2.83 | 56.9 | 0.3 | 297 | <0.10 | <5 | 0.06 | 0.014 | <0.0001 | 0.016 | 0.002 | 0.059 | <0.001 | 0.04 | <0.0001 | 3.57 | <0.010 | <0.014 | 0.0014 | 0.386 |
| 26-Jan-15 | 25-Feb-15 | | 7.48 | 5620 | 534 | 759 | 2000 | <1 | 465 | 214 | 78 | 447 | 173 | 3.15 | 61.6 | 0.3 | 325 | 0.02 | 19 | 0.28 | 0.026 | <0.0001 | 0.031 | | 0.069 | 0.002 | 0.12 | <0.0001 | | | | | |
| 30-Apr-15 | 08-May-15 | | 7.31 | 5440 | 134 | 230 | 1270 | <1 | 505 | 160 | 76 | 391 | 157 | 2.74 | 38.2 | 0.5 | 278 | <0.01 | 9 | 0.05 | 0.022 | <0.0001 | 0.019 | 0.004 | 0.057 | <0.001 | 0.027 | 0.0001 | | | | | |
| 11-Jun-15 | 19-Jun-15 | | 7.66 | 6560 | 1340 | 1840 | 2400 | <10 | 543 | 168 | 115 | 522 | 203 | 2.98 | 78 | 0.5 | 348 | <0.01 | 8 | | 0.028 | 0.0002 | 0.04 | 0.059 | 0.075 | 0.006 | 0.091 | <0.0001 | 2.18 | ND | ND | ND | |
| 17-Aug-15 | 28-Sep-15 | | 7.51 | 7880 | 250 | 264 | 3500 | 7 | 513 | 186 | 122 | 658 | 271 | 1.37 | 1.18 | 0.5 | 436 | 0.03 | 12 | | 0.014 | <0.0001 | 0.018 | 0.014 | 0.079 | <0.001 | 0.006 | <0.0001 | 5.72 | <2.0 | <2.0 | <0.005 | 0.097 |
| 28-Oct-15 | 17-Nov-15 | | 7.82 | 6900 | 743 | 1100 | 2500 | <10 | 594 | 70 | 55 | 345 | 150 | 1.21 | 24.2 | 0.5 | 461 | 0.4 | <5 | <0.05 | 0.023 | <0.0001 | 0.035 | 0.037 | 0.084 | 0.004 | 0.06 | <0.0001 | | | | | |
| 02-Dec-15 | 15-Jan-16 | | 7.36 | 9100 | 23600 | 32200 | 4250 | 12 | 703 | 168 | 196 | 1320 | 622 | 7.04 | 561 | 0.5 | 599 | < 0.05 | 23 | 0.9 | 0.216 | 0.0104 | 0.534 | 0.577 | 0.382 | 0.182 | 11.3 | 0.0003 | | | | | |
| 24-Feb-16 | 30-Mar-16 | | 7.42 | 6680 | 1850 | 1630 | 2670 | 3 | 581 | 239 | 104 | 512 | 215 | 2.94 | 64 | 0.4 | 350 | 0.08 | 18 | 0.71 | 0.053 | 0.0003 | 0.041 | 0.084 | 0.066 | 0.005 | 0.247 | < 0.0001 | 3.94 | <2.0 | <2.0 | <0.005 | 2.27 |
| 14-Dec-17 | 16-Jan-17 | | 7.95 | 12800 | 172 | 208 | 6120 | < 10 | 1120 | 69 | 97 | 971 | 560 | 0.599 | 15.3 | 0.8 | 1030 | 0.05 | < 5 | < 0.05 | 0.057 | 0.0005 | 0.096 | 0.03 | 0.128 | 0.007 | 0.266 | < 0.0001 | 2.58 | <2.0 | <2.0 | <0.005 | 0.069 |
| 21-Feb-17 | 03-Mar-17 | | 7.97 | 14900 | 567 | 457 | 6760 | < 10 | 1040 | 136 | 107 | 1000 | 500 | 0.598 | 19.9 | 0.7 | 1250 | < 0.1 | 7 | < 0.25 | 0.057 | 0.0003 | 0.122 | 0.099 | 0.15 | 0.015 | 0.364 | < 0.0001 | 4.22 | <2.0 | <2.0 | <0.005 | 0.059 |
| 17-Jul-17 | 04-Aug-18 | | 7.63 | 15800 | 120 | 133 | 5620 | < 10 | 1400 | 91 | 114 | 1290 | 644 | 0.673 | 15.3 | 0.8 | 1160 | < 0.1 | < 5 | 0.09 | 0.086 | 0.0002 | 0.182 | 0.074 | 0.166 | 0.008 | 0.189 | < 0.0001 | 5.22 | <2.0 | <2.0 | 0.0012 | 0.208 |
| 07-Mar-18 | 12-Apr-18 | | 7.84 | 13600 | 151 | 99.7 | 5820 | < 10 | 1460 | 82 | 95 | 1190 | 495 | 0.6 | 13.3 | 0.8 | 1050 | < 0.1 | < 5 | 0.06 | 0.08 | < 0.001 | 0.167 | 0.052 | 0.167 | < 0.01 | 0.19 | < 0.0001 | 3.76 | <2.0 | <2.0 | <0.005 | 0.104 |
| 13-Jun-18 | 19-Jul-18 | | 7.8 | 16600 | 86 | 77.8 | 6800 | 104 | 1580 | 82 | 97 | 1250 | 582 | 0.416 | 17.1 | 0.9 | 1430 | < 0.1 | 6 | 0.14 | 0.121 | 0.0003 | 0.257 | 0.015 | 0.184 | 0.007 | 0.193 | < 0.0001 | 1.06 | <2.0 | <2.0 | <0.005 | 0.132 |
| 17-Dec-18 | 17-Jan-19 | | 7.69 | 12800 | 348 | 509 | 4950 | < 10 | 1290 | 52 | 56 | 833 | 404 | 0.404 | 16 | 1 | 881 | < 0.1 | 6 | 0.06 | 0.085 | 0.0001 | 0.151 | 0.146 | 0.15 | 0.007 | 0.154 | < 0.0001 | 3.35 | <2.0 | <2.0 | <0.005 | 0.139 |
| 26-Nov-20 | 13-Mar-20 | | 7.89 | 9340 | 1450 | 1950 | 3780 | < 5 | 889 | 41 | 37 | 507 | 232 | 0.817 | 25.3 | 0.7 | 788 | < 0.1 | < 5 | < 0.05 | 0.061 | 0.0003 | 0.151 | 0.051 | 0.118 | 0.008 | 0.13 | < 0.0001 | 2.72 | <2.0 | <2.0 | <0.005 | 0.051 |
| 06-May-20 | 10-Jul-20 | | 7.36 | 6660 | 758 | 548 | 2350 | < 10 | 504 | 127 | 61 | 482 | 216 | 1.86 | 22.3 | 0.6 | 540 | < 0.1 | 9 | 0.52 | 0.063 | 0.0002 | 0.053 | 0.012 | 0.059 | 0.004 | 0.36 | < 0.0001 | 5.2 | <2.0 | <2.0 | <0.005 | 0.781 |
| 15-Dec-20 | 29-Jan-21 | | 7.72 | 9210 | 54 | 122 | 3180 | < 1 | 764 | 84 | 66 | 713 | 310 | 0.741 | 2.51 | 0.8 | 466 | < 0.1 | 8 | < 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - |