

Interim Environmental ReportPeriod Ending: 12th November 2008

Compiled By: Siobhán Quinn & Aoife Reynolds

Approved By: Tony Doyle

1 Monitoring Data

1.1 Monitoring Equipment

| | |
|-----------------|---|
| Axonics | – Axonics plant operated as required for the majority of the reporting period. |
| PO ₄ | <ul style="list-style-type: none"> – The PO₄ analyser was operational during the reporting period. – The composite sampler was in place to cover any shortfalls in the PO₄ analyser. |
| TSS | <ul style="list-style-type: none"> – The TSS analyser was operational during the reporting period. – The composite sampler was in place to cover any shortfalls in the TSS analyser. |
| Composite | – The composite sampler was operational during the reporting period. |
| Noise | <ul style="list-style-type: none"> – There is a single noise monitoring location currently being used – N1. – The other location is visible from off-site and because of current protestor action it cannot be guaranteed that the equipment remains undisturbed. |
| Vibration | <ul style="list-style-type: none"> – There is a single vibration monitoring location currently being used – V1. – The other location is visible from off-site and because of current protestor action it cannot be guaranteed that the equipment remains undisturbed. |
| Sondes | <ul style="list-style-type: none"> – The results are displayed graphically. <ul style="list-style-type: none"> ○ Any unusual values are explained on the relevant graph. |
| Weather Station | – The data used for this reporting period was taken from the on-site meteorological station. |
| Weirs | – Weirs were operational during the reporting period. |

1.2 Rainfall Data

| | | | |
|-------------------------|-------|------------|--------|
| 30/10/2008 | 1.950 | 06/11/2008 | 6.630 |
| 31/10/2008 | 3.315 | 07/11/2008 | 15.015 |
| 01/11/2008 | 0.390 | 08/11/2008 | 11.700 |
| 02/11/2008 | 0.390 | 09/11/2008 | 9.165 |
| 03/11/2008 | 2.340 | 10/11/2008 | 13.260 |
| 04/11/2008 | 0.390 | 11/11/2008 | 1.365 |
| 05/11/2008 | 0.195 | 12/11/2008 | 0.585 |
| Total Rainfall 66.690mm | | | |

| | |
|---|---|
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1.3 Summary

| Environment | Comments |
|---------------|---|
| Surface Water | There were no reported exceedances during the reporting period. A value of 67µg/l for Total Aluminium was recorded at SP1 on the 6 th of November which is significantly lower than the exceedance on the 28 th of October (248 µg/l). |
| Groundwater | The groundwater data (Sonde) is within anticipated ranges. |
| Dust | All dust levels were within the set limits. |
| Weather | There was a total of 66.690mm of rainfall during the reporting period, with a temperature range of 1.5°C to 12.0°C. |
| Noise | All noise levels were within the set limits. |
| Vibration | No vibration exceedances were recorded during the reporting period, based on available results. |

Note: All laboratory data generated on site should be considered indicative only.

2 Environmental Exceedences / Incidents / Complaints

There were no reported exceedances during the reporting period.

| Surface Water Monitoring Record Sheet: Accredited Laboratory Results | | | | | | | | | | | | | | | | | |
|---|------------|----------------|------------|------------------|-------------|----------------|---------------------------|---|---------------------------------------|--|--|--|--|--|--|--|---------------------------|
| | Date | Cond. µS/cm | Temp °C | Turbidity NTU | DO % Sat | pH pH units | TSS mg l ⁻¹ | Ortho-phosphate as P µg l ⁻¹ | Nitrate as N mg l ⁻¹ | Nitrate as NO ₃ mg l ⁻¹ | Total Phosphorus as P mg l ⁻¹ | Ammonia as NH ₃ -N mg l ⁻¹ | Nitrite as NO ₂ mg l ⁻¹ | Aluminium (dissolved) µg l ⁻¹ | Aluminium (total) µg l ⁻¹ | Phosphate as PO ₄ -P mg l ⁻¹ | TDS mg l ⁻¹ |
| Action Limits | | 400 | | 150 | | <3.5 or >7.5 | 25 | 40 | 1.5 | 4.0 | | 0.2 | 0.025 | 100 | 135 | | |
| Target Limits | | 500 | | 200 | | <3 or >8 | 35 | 70 | 2.6 | 6.0 | | 0.5 | 0.05 | 150 | 200 | | |
| | | | | | | | | | | | | | | | | | |
| SP1 | 06/11/2008 | 304 | | 4.1 | | 7.8 | <2 | 48 | | <0.440 | 0.078 | 0.013 | 0.036 | 52 | 67 | 0.146 | 134 |
| SP3 | 06/11/2008 | 315 | | 3.9 | | 8.0 | 2 | 38 | | 0.856 | 0.077 | 0.044 | 0.041 | 33 | I.P. | 0.116 | 141 |
| SP1 | 11/11/2008 | 218 | | 11.5 | | 7.6 | I.P. | <10 | | <0.440 | I.P. | <0.005 | <0.017 | I.P. | I.P. | <0.030 | 99 |
| SP3 | 11/11/2008 | 293 | | 9.4 | | 7.4 | I.P. | <10 | | 1.019 | I.P. | 0.018 | <0.017 | I.P. | I.P. | <0.030 | I.P. |
| Additional Monitoring | | | | | | | | | | | | | | | | | |
| D22 | 11/11/2008 | 202 | | 1.0 | | 5.9 | I.P. | 30 | | <0.440 | I.P. | 0.007 | <0.017 | I.P. | I.P. | 0.091 | 94 |
| D62 | 11/11/2008 | 159 | | 0.4 | | 5.7 | I.P. | 14 | | <0.440 | I.P. | <0.005 | <0.017 | I.P. | I.P. | 0.044 | 74 |
| Axonics Monitoring | | | | | | | | | | | | | | | | | |
| Pre Axonics | 06/11/2008 | 303 | | 764.0 | | 7.5 | I.P. | 21 | | 0.744 | I.P. | <0.005 | <0.017 | I.P. | I.P. | 0.066 | I.P. |
| Post Axonics | 06/11/2008 | 321 | | 1.2 | | 7.4 | I.P. | <10 | | 1.072 | I.P. | 0.025 | 0.039 | I.P. | I.P. | <0.030 | I.P. |
| Pre Axonics | 01/11/2008 | 281 | | 13.9 | | 7.1 | I.P. | <10 | | 1.299 | I.P. | 0.017 | <0.017 | I.P. | I.P. | <0.030 | I.P. |
| Post Axonics | 11/11/2008 | 294 | | 2.6 | | 6.7 | I.P. | <10 | | 1.231 | I.P. | 0.013 | <0.017 | I.P. | I.P. | <0.030 | I.P. |
| I.P. = In Progress | | | | | | | | | | | | | | | | | |
| < LOD = Below Limit of Detection | | | | | | | | | | | | | | | | | |
| > LOD = Above Limit of Detection | | | | | | | | | | | | | | | | | |
| On site laboratory results included in Appendix 1 | | | | | | | | | | | | | | | | | |
| Grey shaded areas denote parameters that cannot or were not analysed on-site or the lab | | | | | | | | | | | | | | | | | |

Groundwater Monitoring Record Sheet

| Location | Date | DO | Temp | Cond. | pH | TDS | BOD | TSS | Total Hardness | Nitrite as NO ₂ | Nitrate as NO ₃ | Phosphate as PO4 | Arsenic | Mercury | Lead | Aluminium (total) | Zinc | Chromium | Copper | Cadmium | Iron | Tin | Ammonia | Aluminium, dissolved | Manganese, total | |
|----------|------------|-------|------|-------|-----|--------------------|--------------------|--------------------|----------------|----------------------------|----------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------------|------------------|-----|
| | | % Sat | °C | uS/cm | | mg l ⁻¹ | mg l ⁻¹ | mg l ⁻¹ | mg/l CaCO3 | mg l ⁻¹ | mg l ⁻¹ | mg l ⁻¹ | ug l ⁻¹ | ug l ⁻¹ | ug l ⁻¹ | ug l ⁻¹ | ug l ⁻¹ | ug l ⁻¹ | ug l ⁻¹ | ug l ⁻¹ | ug l ⁻¹ | ug l ⁻¹ | mg l ⁻¹ | | | |
| MP 1 | 04/11/2008 | 21.0 | 11.1 | 336 | 5.7 | 148 | I.P | 7 | 66.2 | <0.017 | <0.44 | 1.622 | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | 1.740 | I.P | I.P |
| MP 2 | 04/11/2008 | 26.0 | 12.1 | 379 | 5.8 | 136 | 13 | 131 | 77.3 | 0.032 | <0.44 | 0.661 | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | 2.180 | I.P | I.P |
| MP 3 | 04/11/2008 | 19.0 | 10.4 | 375 | 5.5 | 166 | 6 | 39 | 67.9 | 0.017 | <0.44 | 1.739 | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | 2.083 | I.P | I.P |
| MP 4 | 04/11/2008 | 13.6 | 10.2 | 457 | 5.9 | 208 | 7 | 89 | 71.1 | 0.038 | <0.44 | 0.470 | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | 1.662 | I.P | I.P |
| MP 5 | 04/11/2008 | 36.0 | 10.6 | 291 | 5.5 | 130 | 18 | 42 | 71.4 | 0.035 | <0.44 | 0.429 | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | 1.840 | I.P | I.P |
| MP 6 | 04/11/2008 | 56.0 | 9.8 | 470 | 6.2 | 212 | 8 | 9 | 95.4 | 0.027 | <0.44 | 1.443 | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | 1.706 | I.P | I.P |
| MP 7 | 04/11/2008 | 33.0 | 10.0 | 379 | 5.7 | 169 | 16 | 6 | 51.9 | 0.028 | <0.44 | 0.679 | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | 2.630 | I.P | I.P |
| MP 8 | 04/11/2008 | 101.0 | 10.4 | 165 | 5.1 | 75 | 16 | 236 | 31.1 | 0.033 | <0.44 | 0.282 | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | 0.650 | I.P | I.P |
| MP 10a | 04/11/2008 | 22.0 | 9.9 | 374 | 5.5 | 168 | <1 | 27 | 106.7 | 0.023 | <0.44 | <0.030 | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | 0.686 | I.P | I.P |
| MP 11 | 04/11/2008 | 21.0 | 10.5 | 214 | 5.2 | 98 | <1 | 47 | 28.4 | 0.057 | <0.44 | 0.040 | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | I.P | 0.011 | I.P | I.P |

Graphs provided for MP1, MP2,MP4, MP6 and MP7: Temperature, Conductivity, and pH.

Determinant Results

NDP = No Determination Possible

Monitoring Points are numbered clockwise through the Cardinal Marks (N, E, S, W)

Monitoring Results will be presented monthly

| Determinant Results | | | | | | | | | | | | |
|--|-----------------|-----------------|------------|----------|----------|------------|--------------|---------------------|------------------|-------------------|-------------------|---|
| Location | Air Temp. (Min) | Air Temp. (Max) | Start Date | Time | Duration | Serial No. | Wind | | Results dB | | | *Comments |
| | | | | | | | Speed (m/s)* | Direction (Degrees) | L _{Aeq} | L _{Amax} | L _{Amin} | |
| Action Limit | | | | | | | | | 60 | | | |
| Target Limit | | | | | | | | | 65 | | | |
| N1 | 5.0 | 11.5 | 30/10/2008 | 08:00:00 | 14:00:00 | 2539533 | 3.6 | 215.0 | 51.4 | 70.4 | 41.3 | |
| N1 | 5.2 | 11.5 | 31/10/2008 | 08:00:00 | 14:00:00 | 2539533 | 2.7 | 199.1 | 50.2 | 81.3 | 40.4 | |
| N1 | 9.0 | 11.8 | 03/11/2008 | 08:00:00 | 14:00:00 | 2539533 | 0.9 | 147.1 | 46.4 | 71.5 | 33.3 | |
| N1 | 7.6 | 11.4 | 04/11/2008 | 08:00:00 | 14:00:00 | 2539533 | 1.2 | 256.8 | 50.7 | 78.3 | 34.2 | |
| N1 | 5.0 | 10.7 | 05/11/2008 | 08:00:00 | 14:00:00 | 2539533 | 0.9 | 193.5 | 48.7 | 71.0 | 31.1 | |
| N1 | 4.5 | 11.3 | 06/11/2008 | 08:00:00 | 14:00:00 | 2539533 | 4.0 | 263.6 | 40.5 | 56.9 | 32.0 | |
| N1 | 4.5 | 9.1 | 07/11/2008 | 08:00:00 | 14:00:00 | 2539533 | 3.2 | 135.5 | 47.4 | 62.6 | 40.7 | |
| N1 | 4.7 | 9.2 | 10/11/2008 | 08:00:00 | 14:00:00 | 2539533 | 6.7 | 73.6 | 67.2 | 101.7 | 42.1 | Noise reading impacted by windspeed of 6.7m/s |
| N1 | 6.4 | 11.1 | 11/11/2008 | 08:00:00 | 14:00:00 | 2539533 | 6.3 | 131.5 | 58.2 | 96.3 | 39.9 | |
| N1 | 6.0 | 11.1 | 12/11/2008 | 08:00:00 | 14:00:00 | 2539533 | 3.3 | 72.2 | 61.1 | 100.1 | 35.5 | |
| * Wind speeds in excess of 5 m/s negatively impact noise readings (as per EPA Guidance Note on Noise Measurement). | | | | | | | | | | | | |

* Wind speeds in excess of 5 m/s negatively impact noise readings (as per EPA Guidance Note on Noise Measurement).

Night Time Noise Monitoring Record Sheet

| Determinant Results | |
|---------------------|---|
| 1 | 1 |
| 2 | 1 |
| 3 | 1 |
| 4 | 1 |
| 5 | 1 |
| 6 | 1 |
| 7 | 1 |
| 8 | 1 |
| 9 | 1 |
| 10 | 1 |
| 11 | 1 |
| 12 | 1 |
| 13 | 1 |
| 14 | 1 |
| 15 | 1 |
| 16 | 1 |
| 17 | 1 |
| 18 | 1 |
| 19 | 1 |
| 20 | 1 |
| 21 | 1 |
| 22 | 1 |
| 23 | 1 |
| 24 | 1 |
| 25 | 1 |
| 26 | 1 |
| 27 | 1 |
| 28 | 1 |
| 29 | 1 |
| 30 | 1 |
| 31 | 1 |
| 32 | 1 |
| 33 | 1 |
| 34 | 1 |
| 35 | 1 |
| 36 | 1 |
| 37 | 1 |
| 38 | 1 |
| 39 | 1 |
| 40 | 1 |
| 41 | 1 |
| 42 | 1 |
| 43 | 1 |
| 44 | 1 |
| 45 | 1 |
| 46 | 1 |
| 47 | 1 |
| 48 | 1 |
| 49 | 1 |
| 50 | 1 |
| 51 | 1 |
| 52 | 1 |
| 53 | 1 |
| 54 | 1 |
| 55 | 1 |
| 56 | 1 |
| 57 | 1 |
| 58 | 1 |
| 59 | 1 |
| 60 | 1 |
| 61 | 1 |
| 62 | 1 |
| 63 | 1 |
| 64 | 1 |
| 65 | 1 |
| 66 | 1 |
| 67 | 1 |
| 68 | 1 |
| 69 | 1 |
| 70 | 1 |
| 71 | 1 |
| 72 | 1 |
| 73 | 1 |
| 74 | 1 |
| 75 | 1 |
| 76 | 1 |
| 77 | 1 |
| 78 | 1 |
| 79 | 1 |
| 80 | 1 |
| 81 | 1 |
| 82 | 1 |
| 83 | 1 |
| 84 | 1 |
| 85 | 1 |
| 86 | 1 |
| 87 | 1 |
| 88 | 1 |
| 89 | 1 |
| 90 | 1 |
| 91 | 1 |
| 92 | 1 |
| 93 | 1 |
| 94 | 1 |
| 95 | 1 |
| 96 | 1 |
| 97 | 1 |
| 98 | 1 |
| 99 | 1 |
| 100 | 1 |

| Determinant Results | | | | | | | | | | | | |
|---------------------|-----------------|-----------------|------------|----------|----------|------------|--------------|---------------------|------------------|-------------------|-------------------|---|
| Location | Air Temp. (Min) | Air Temp. (Max) | Start Date | Time | Duration | Serial No. | Wind | | Results dB | | | *Comments |
| | | | | | | | Speed (m/s)* | Direction (Degrees) | L _{Aeq} | L _{Amax} | L _{Amin} | |
| Action Limit | | | | | | | | | 50 | | | |
| Target Limit | | | | | | | | | 55 | | | |
| N1 | 5.0 | 11.5 | 30/10/2008 | 22:00:00 | 10:00:00 | 2539533 | 3.6 | 215.0 | 47.4 | 75.7 | 40.6 | |
| N1 | 5.2 | 11.5 | 31/10/2008 | 22:00:00 | 10:00:00 | 2539533 | 2.7 | 199.1 | 44.7 | 68.1 | 38.4 | |
| N1 | 9.0 | 11.8 | 03/11/2008 | 22:00:00 | 10:00:00 | 2539533 | 0.9 | 147.1 | 43.2 | 67.0 | 35.5 | |
| N1 | 7.6 | 11.4 | 04/11/2008 | 22:00:00 | 10:00:00 | 2539533 | 1.2 | 256.8 | 36.2 | 41.1 | 34.7 | |
| N1 | 5.0 | 10.7 | 05/11/2008 | 22:00:00 | 10:00:00 | 2539533 | 0.9 | 193.5 | 45.3 | 73.0 | 30.0 | |
| N1 | 4.5 | 11.3 | 06/11/2008 | 22:00:00 | 10:00:00 | 2539533 | 4.0 | 263.6 | 52.8 | 70.8 | 40.5 | |
| N1 | 4.5 | 9.1 | 07/11/2008 | 22:00:00 | 10:00:00 | 2539533 | 3.2 | 135.5 | 44.8 | 69.9 | 38.1 | |
| N1 | 4.7 | 9.2 | 10/11/2008 | 22:00:00 | 10:00:00 | 2539533 | 6.7 | 73.6 | 52.8 | 90.1 | 42.9 | Elevated readings due to high wind speeds |
| N1 | 6.4 | 11.1 | 11/11/2008 | 22:00:00 | 10:00:00 | 2539533 | 6.3 | 131.5 | 53.1 | 94.8 | 37.1 | Elevated readings due to high wind speeds |
| N1 | 6.0 | 11.1 | 12/11/2008 | 22:00:00 | 10:00:00 | 2539533 | 3.3 | 72.2 | 45.9 | 68.2 | 34.0 | |

* Wind speeds in excess of 5 m/s negatively impact noise readings (as per EPA Guidance Note on Noise Measurement).

Flow Weir Record Sheet**Determinant Results**

| Date | SP1 | | | SP3 | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | Max (l/s) | Min (l/s) | Avg (l/s) | Max (l/s) | Min (l/s) | Avg (l/s) |
| 30/10/2008 | 39.73 | 20.37 | 26.44 | 17.06 | 6.98 | 13.27 |
| 31/10/2008 | 26.93 | 20.37 | 22.71 | 16.08 | 8.49 | 12.52 |
| 01/11/2008 | 20.37 | 13.55 | 17.47 | 11.51 | 6.98 | 10.36 |
| 02/11/2008 | 13.55 | 11.90 | 12.61 | 6.98 | 6.26 | 6.35 |
| 03/11/2008 | 11.90 | 7.54 | 10.79 | 6.26 | 2.05 | 5.09 |
| 04/11/2008 | 34.63 | 9.14 | 13.32 | 5.80 | 3.10 | 4.51 |
| 05/11/2008 | 28.92 | 6.12 | 13.68 | 4.69 | 0.90 | 2.54 |
| 06/11/2008 | 21.20 | 3.80 | 7.24 | 8.75 | -0.23 | 2.02 |
| 07/11/2008 | 116.77 | 17.99 | 41.91 | 30.93 | 6.74 | 12.80 |
| 08/11/2008 | 109.12 | 20.92 | 44.81 | 34.19 | 7.98 | 17.32 |
| 09/11/2008 | 42.66 | 26.29 | 32.81 | 23.29 | 10.38 | 13.54 |
| 10/11/2008 | 82.83 | 22.34 | 35.99 | 32.96 | 8.23 | 14.93 |
| 11/11/2008 | 77.23 | 23.51 | 35.95 | 27.02 | 10.38 | 15.53 |
| 12/11/2008 | 23.22 | 11.31 | 15.67 | 14.50 | 6.50 | 8.71 |

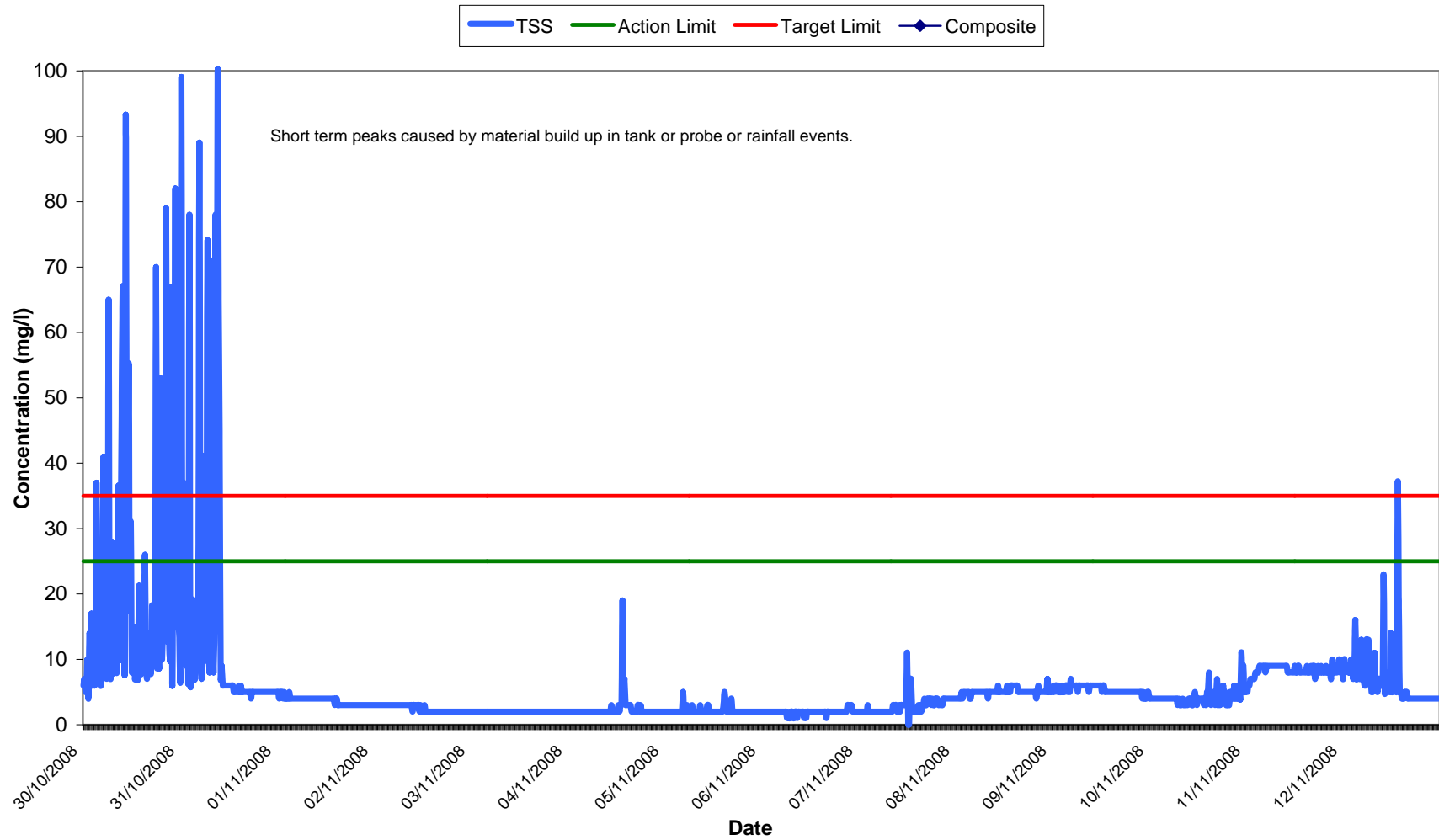
Note: Negative values indicate low flow conditions.

Vibration Monitoring Record Sheet

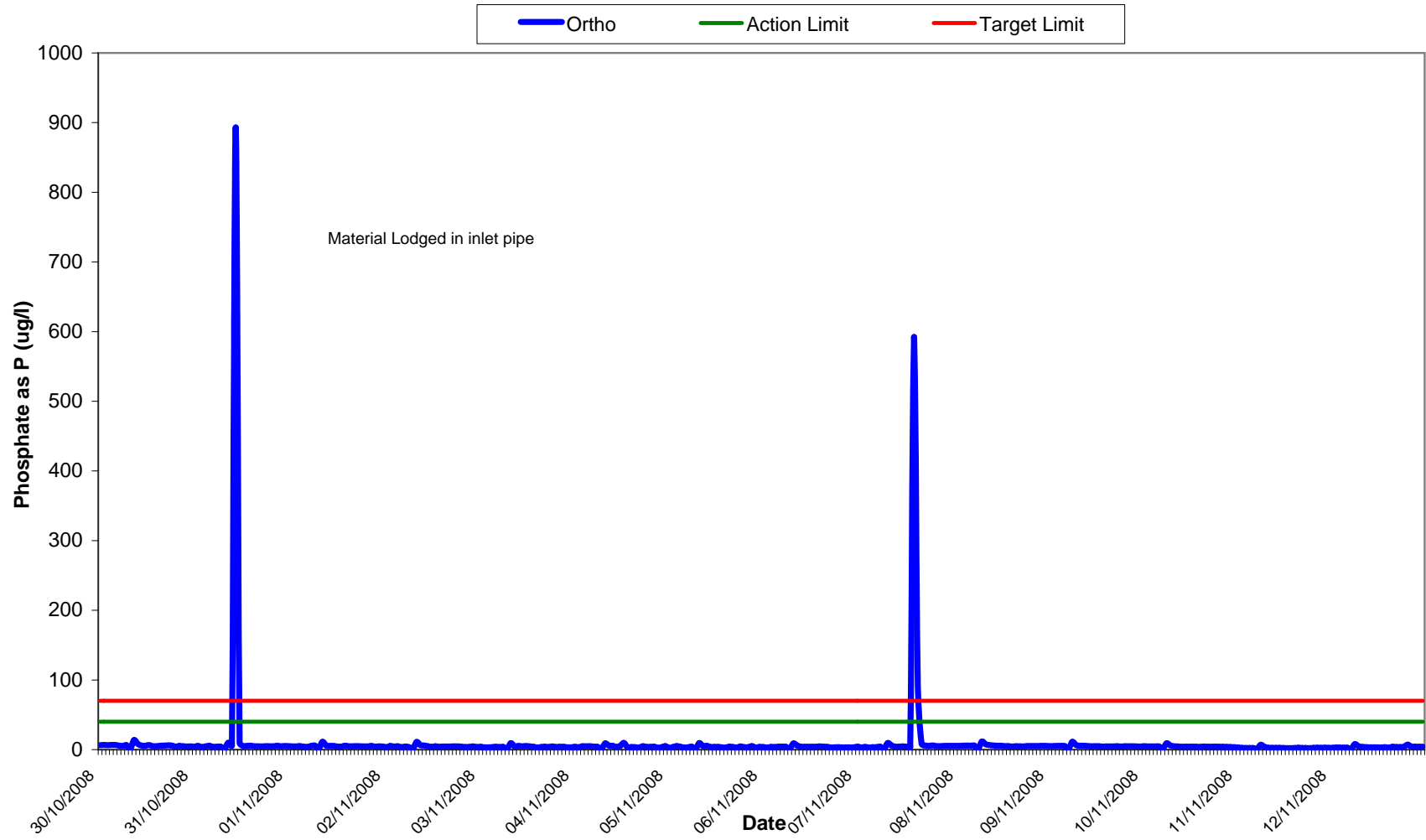
[illegible][illegible]

Vibration meter was located at V1 only.

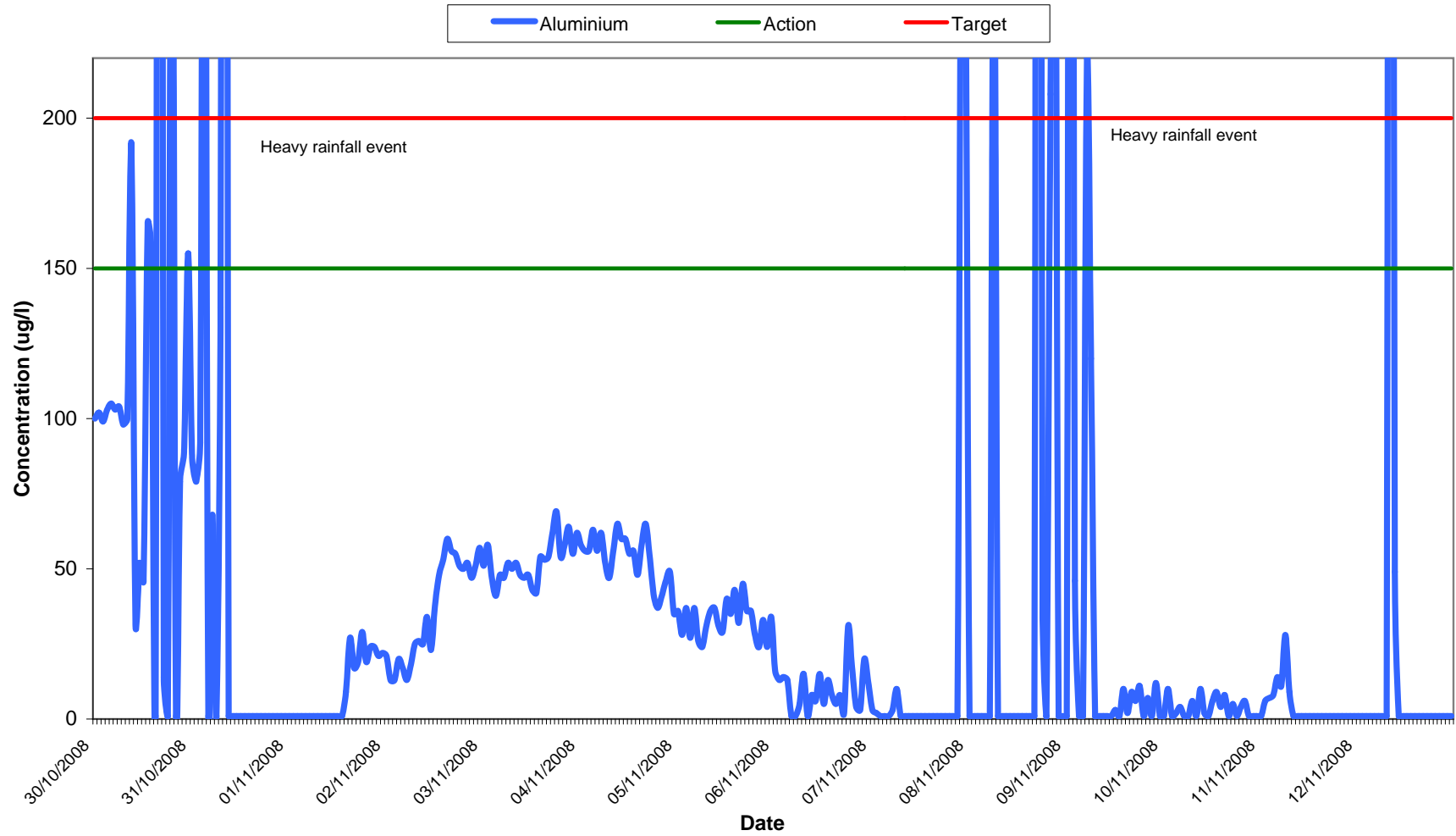
Total Suspended Solids Results at SP1 Wk 45-46



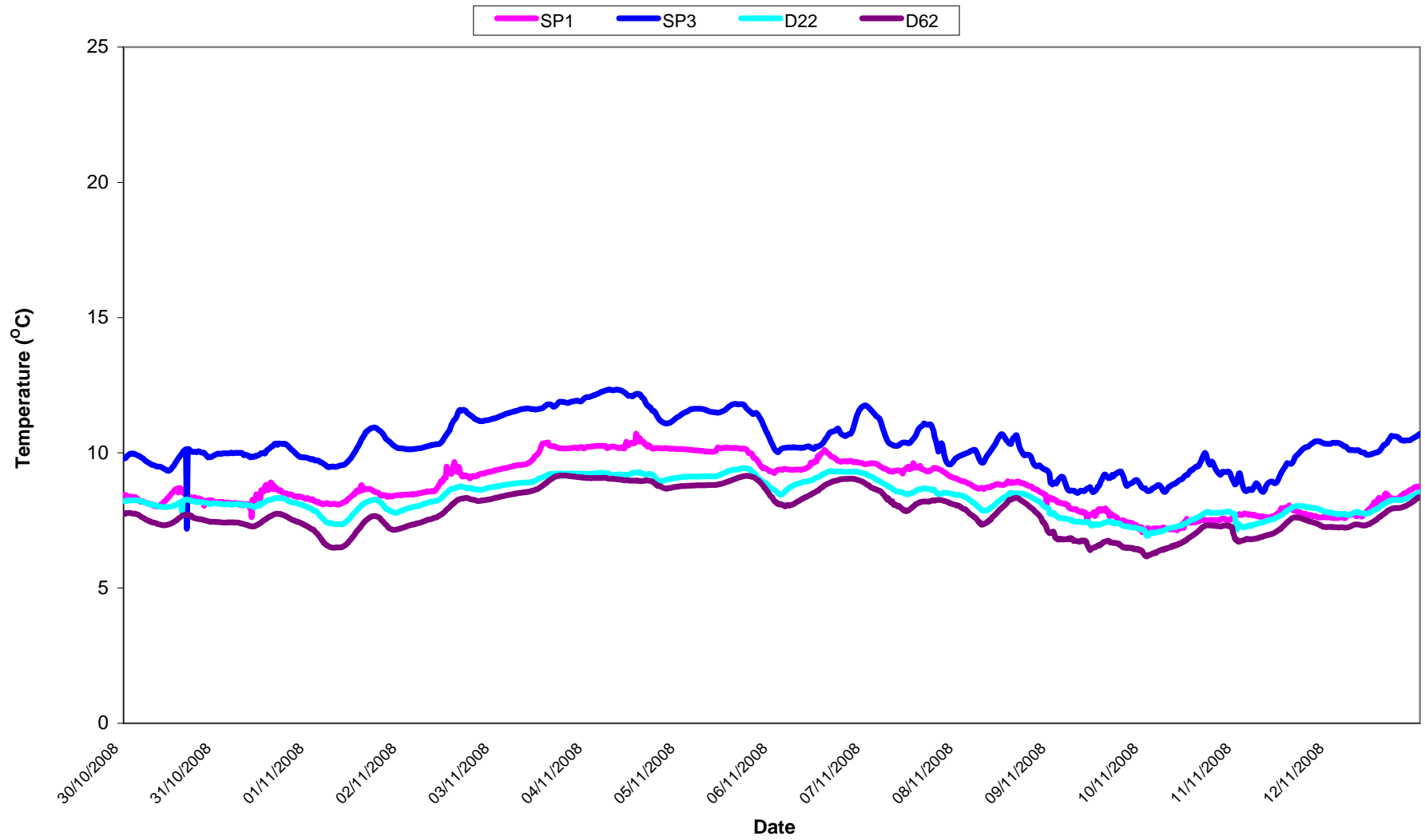
Orthophosphate Results at SP1
Wk 45-46



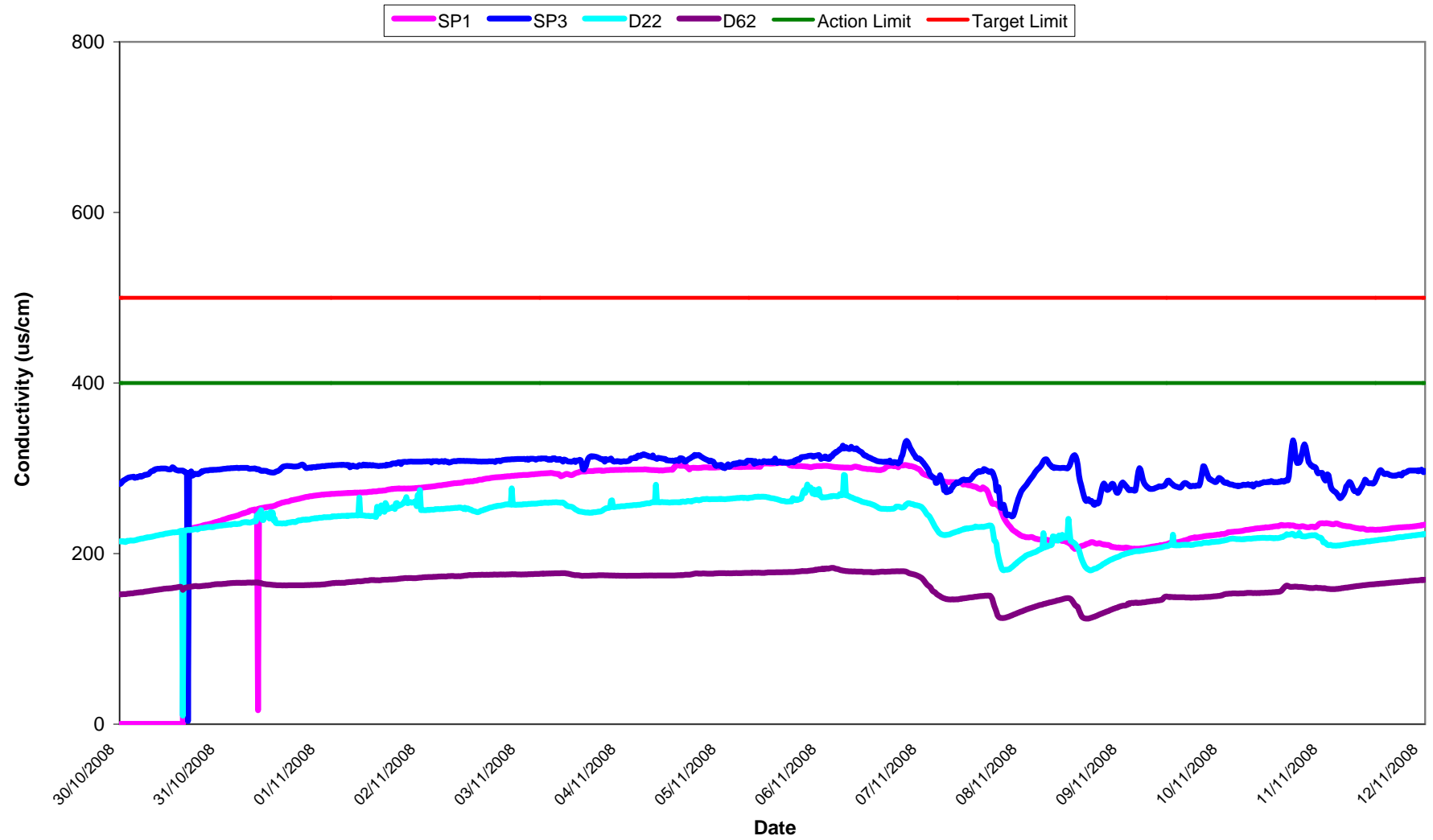
Aluminium Concentration at SP1 Wk 45-46



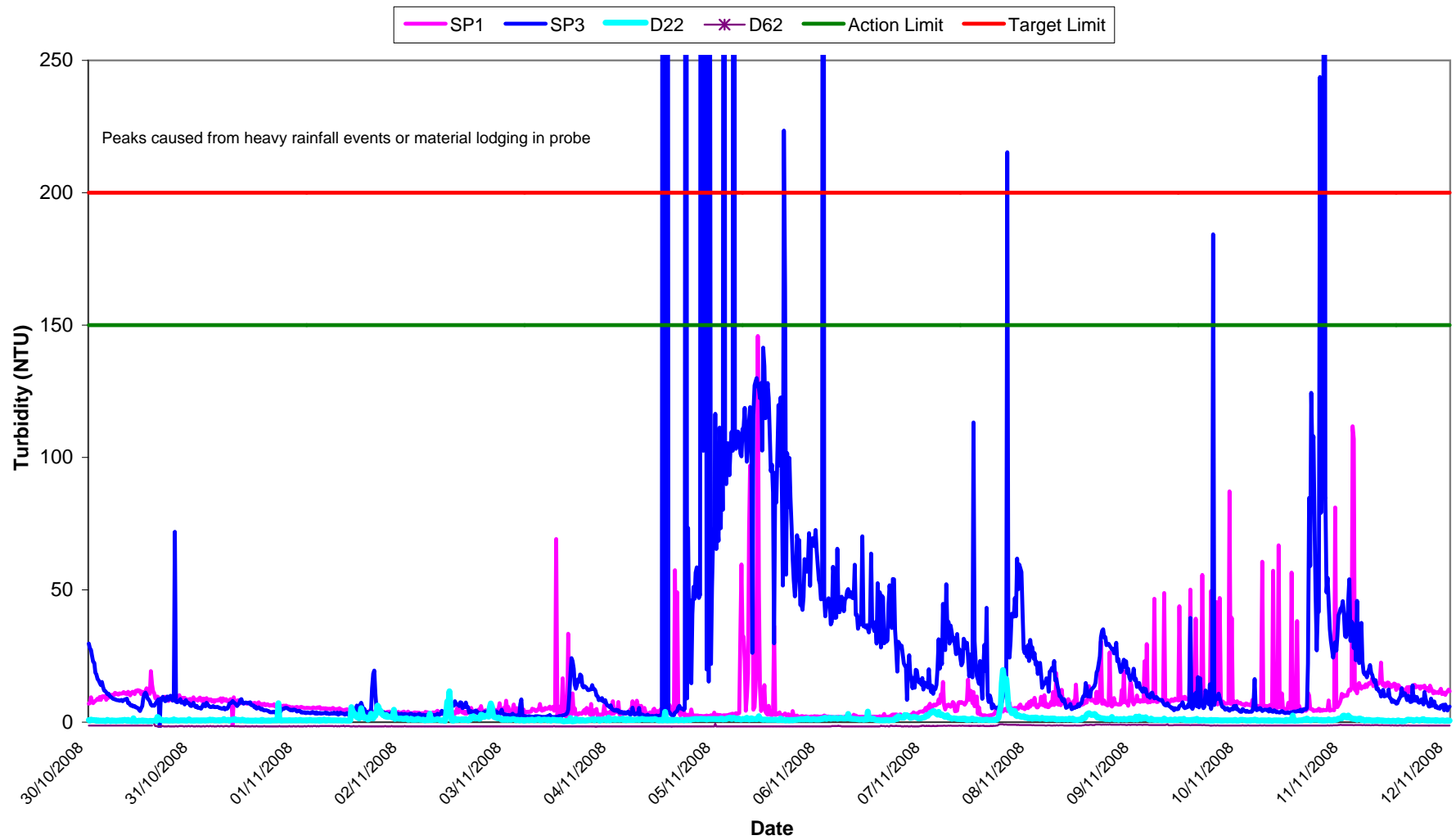
Temperature - Surface Waters
Wk 45-46



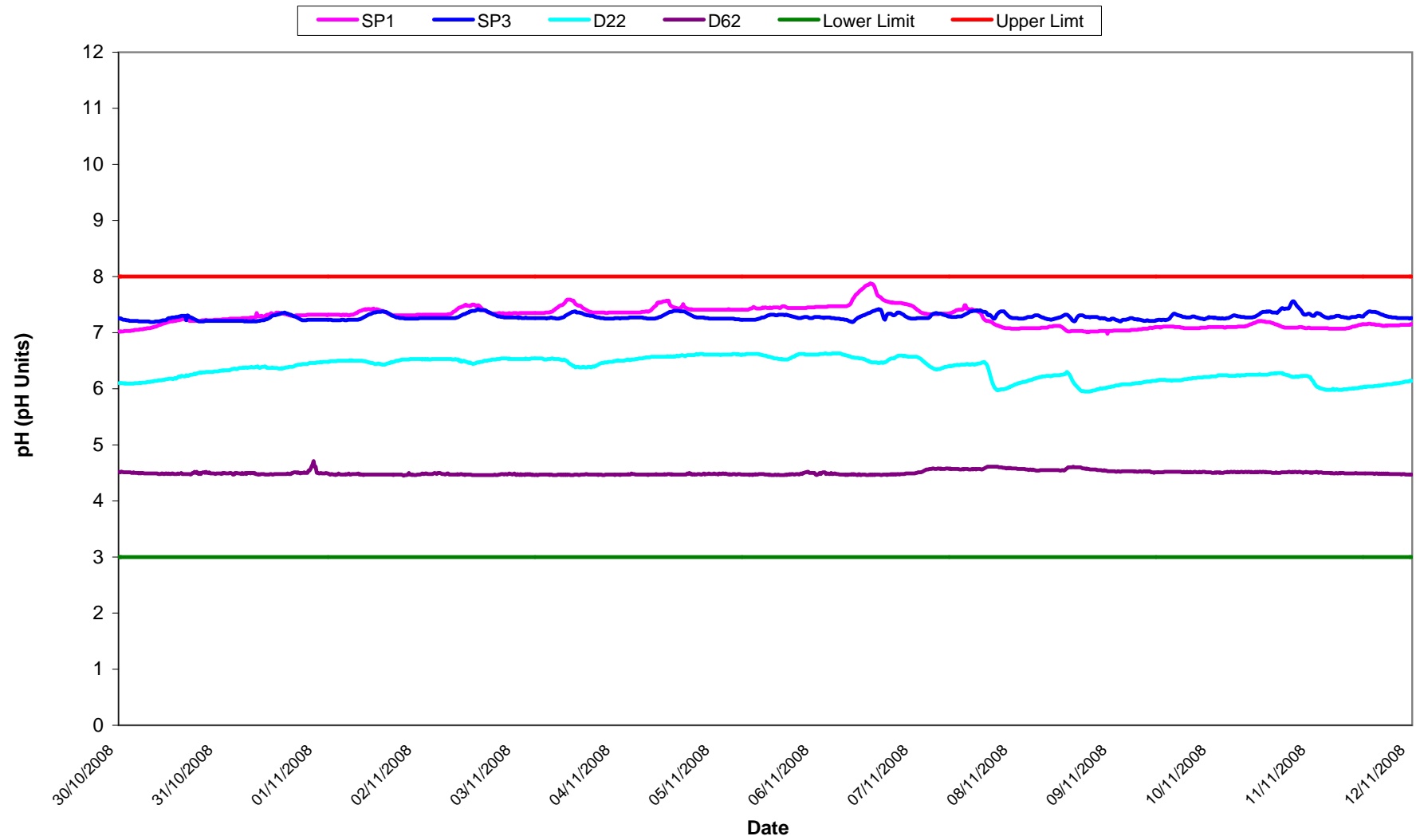
**Conductivity - Surface Waters,
Wk 45-46**



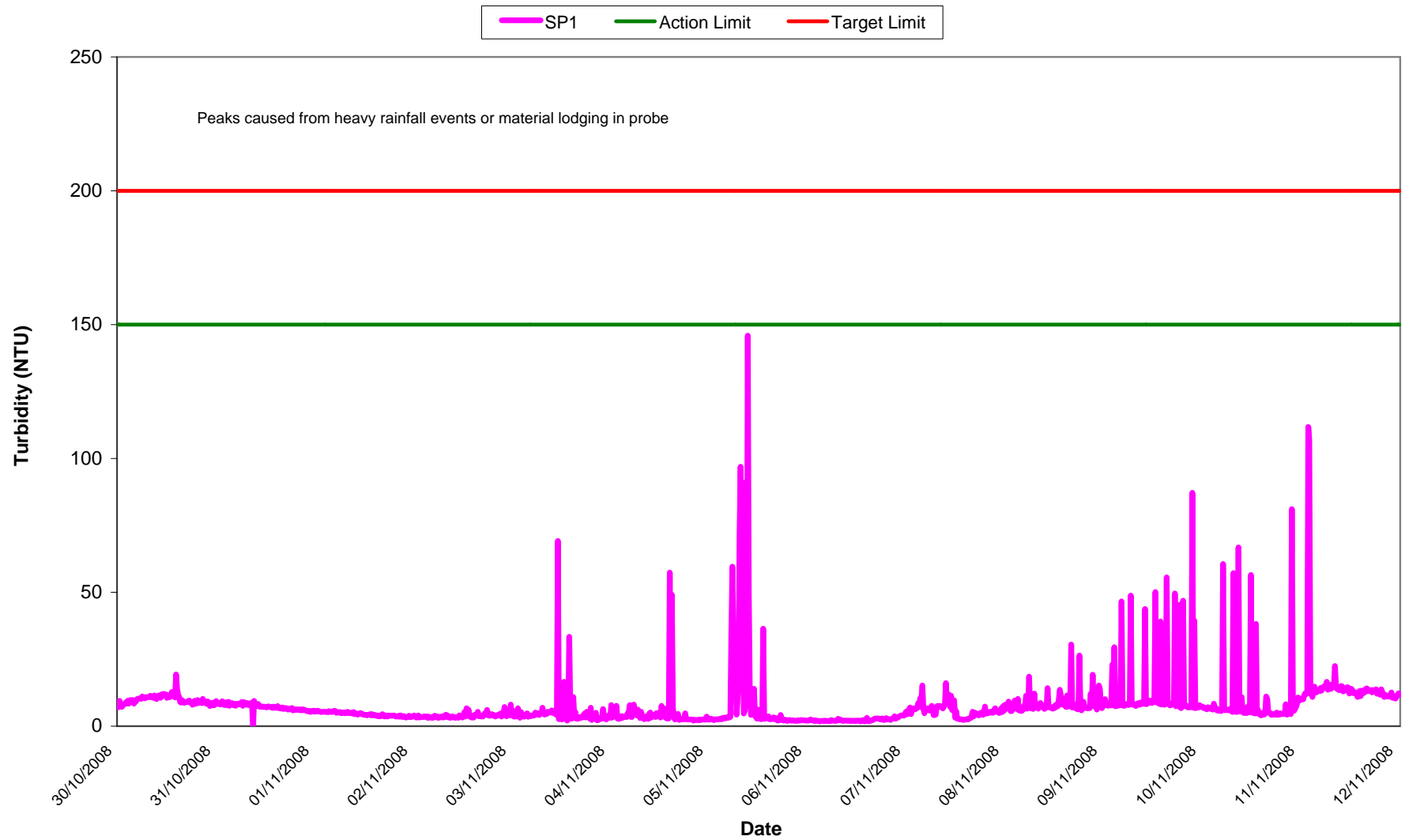
Turbidity - Surface Waters Wk 45-46



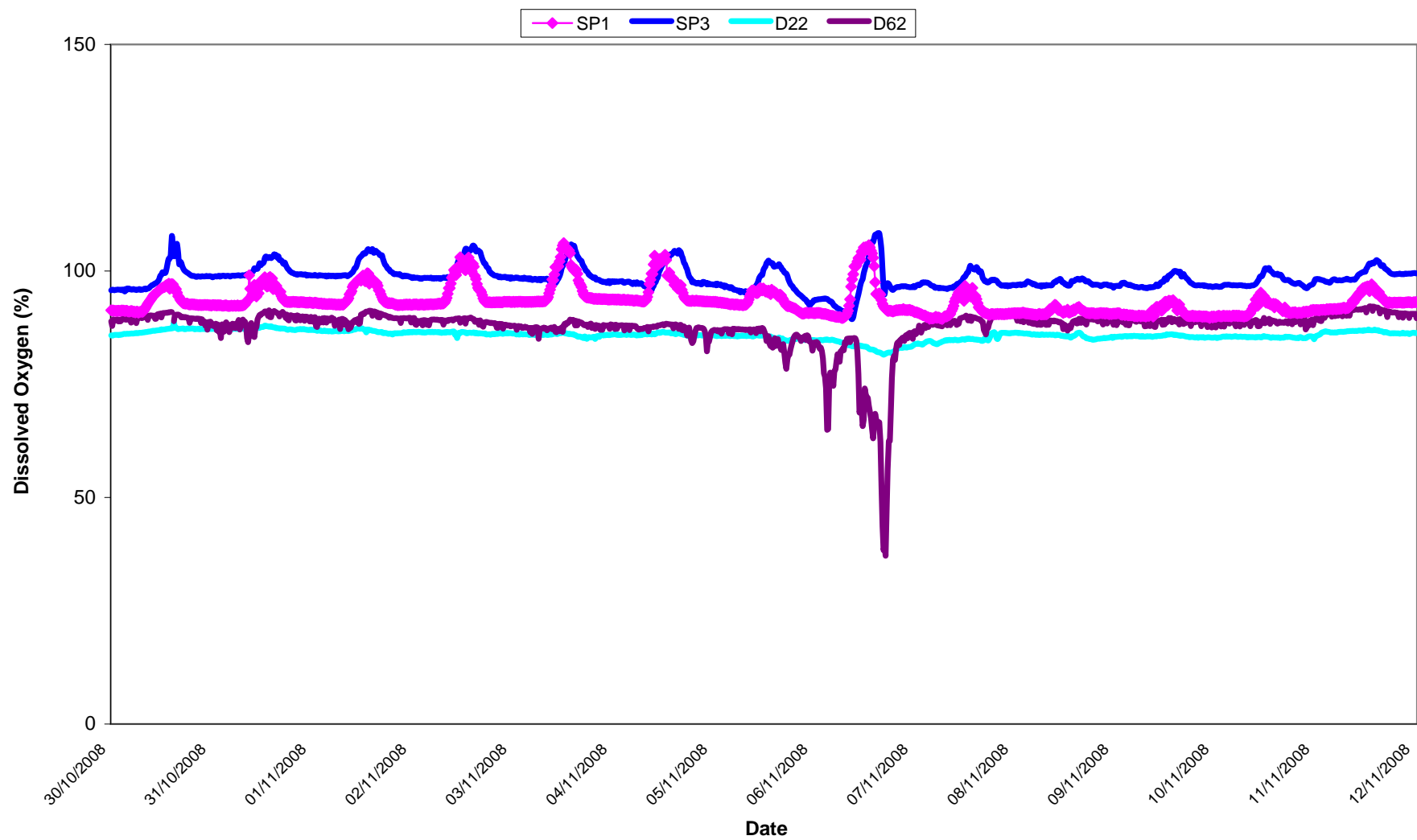
**pH - Surface Waters
Wk 45-46**



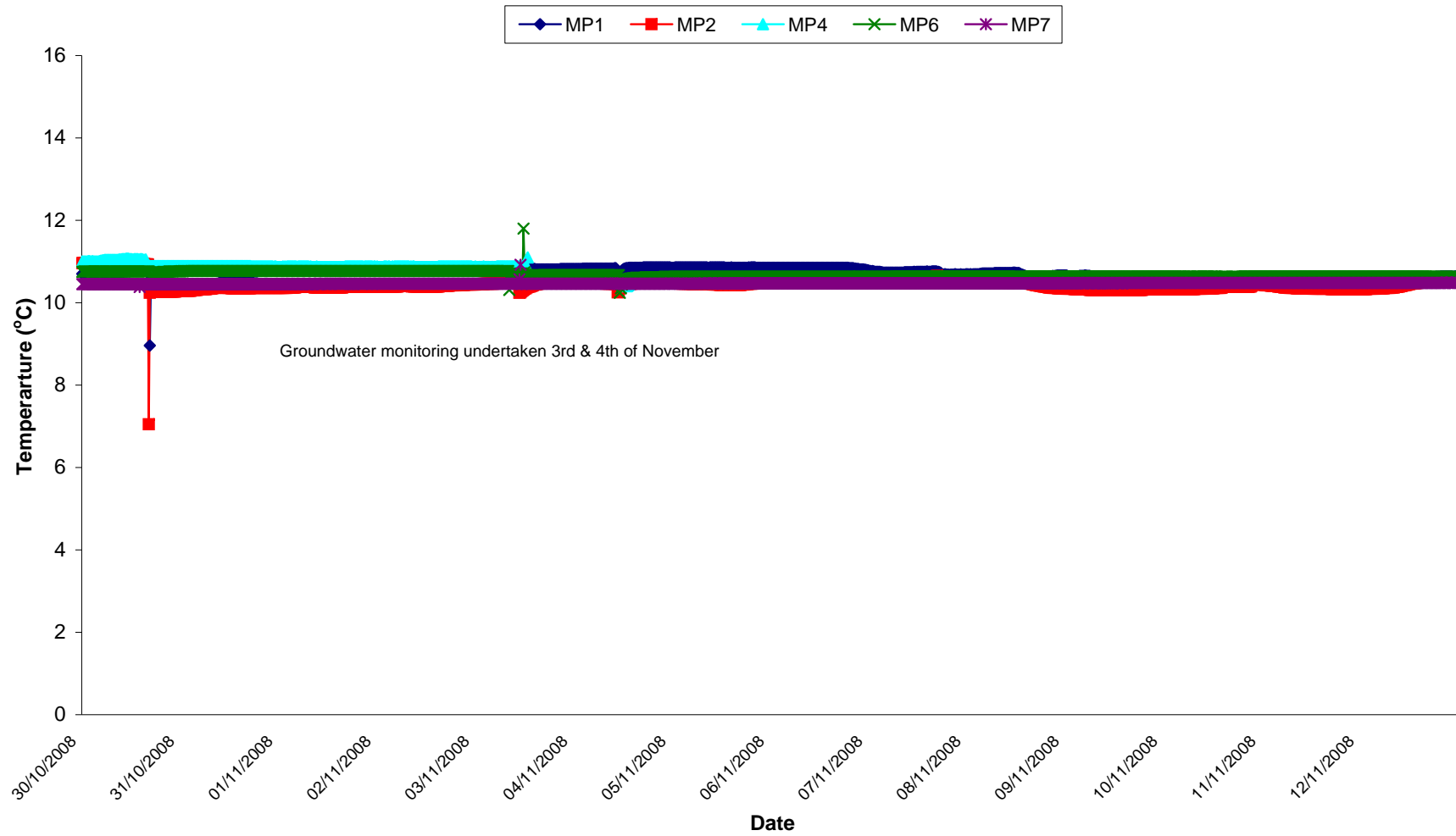
Turbidity - Surface Waters @ SP1, Wk 45-46



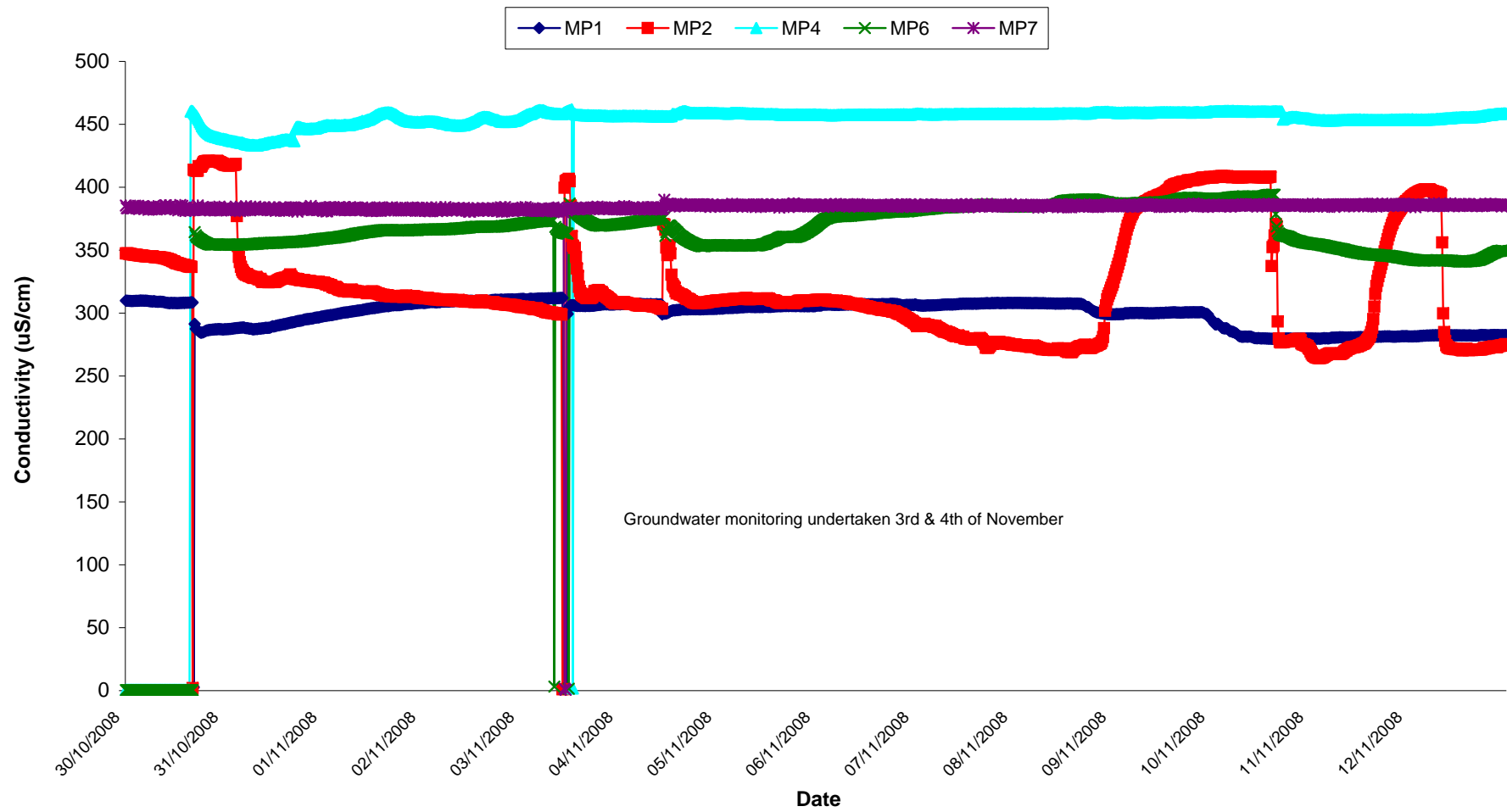
Dissolved Oxygen - Surface Waters,
Wk 45-46



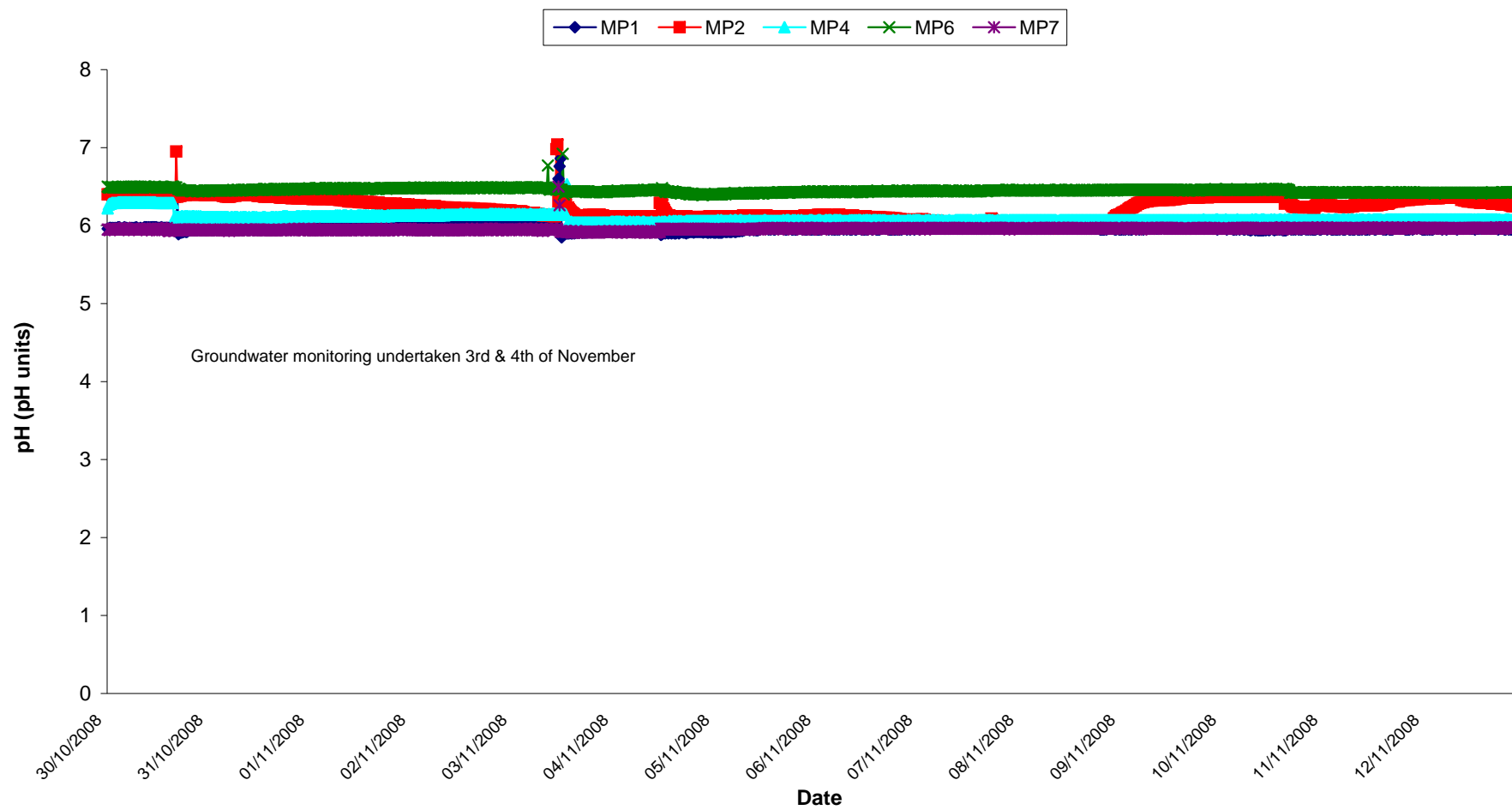
Temperature - Groundwaters Wk 45-46



Conductivity - Groundwaters Wk 45-46



pH - Groundwaters Wk 45-46



Appendix 1

Appendix 1: Surface Water Monitoring Record Sheet- Onsite Monitoring

| | Date | Cond. µS/cm | Temp °C | Turbidity NTU | DO % Sat | pH | TSS mg l ⁻¹ | Ortho-phosphate as P ⁻ µg l ⁻¹ | Nitrate as N mg l ⁻¹ | Nitrate as NO ₃ ⁻ mg l ⁻¹ | Total Phosphorus as P mg l ⁻¹ | Ammonia as NH ₃ -N mg l ⁻¹ | Nitrite as NO ₂ ⁻ mg/l | Aluminium (dissolved) ug/l | Aluminium (total) ug/l | Phosphate as PO ₄ ⁻ mg/l | Total dissolved solids mg/l |
|--|------------|----------------|------------|------------------|-------------|-----|---------------------------|---|------------------------------------|---|---|---|---|-------------------------------|---------------------------|---|--------------------------------|
| Settlement Pond Monitoring | | | | | | | | | | | | | | | | | |
| SP1 | 30/10/2008 | 240 | 10.1 | 23 | 92.6 | 6.7 | | | <LOD | | | 0.01 | | 54 | 189 | <LOD | 154 |
| SP1 | 31/10/2008 | 264 | 9.7 | 17 | 91.1 | 7.5 | | | <LOD | | | 0.10 | | 58 | 212 | 0.12 | 174 |
| SP1 | 03/11/2008 | 300 | 11.9 | 9 | 94.9 | 7.1 | | | <LOD | | | 0.09 | | 43 | 152 | 0.14 | 198 |
| SP1 | 04/11/2008 | 307 | 11.5 | 9 | 93.5 | 7.1 | | | 0.6 | | | 0.12 | | 32 | 139 | 0.20 | 216 |
| SP1 | 05/11/2008 | 310 | 11.5 | 8 | 91.9 | 7.1 | | | <LOD | | | <LOD | | 44 | 133 | 0.23 | 215 |
| SP1 | 06/11/2008 | 292 | 11.0 | 8 | 100.9 | 6.6 | | | <LOD | | | 0.06 | | 43 | 130 | 0.06 | 206 |
| SP1 | 07/11/2008 | 273 | 10.1 | 8 | 93.1 | 7.5 | | | <LOD | | | 0.12 | | 39 | 115 | 0.03 | 194 |
| SP1 | 10/11/2008 | 228 | 8.5 | 11 | 94.5 | 7.0 | | | <LOD | | | 0.25 | | 28 | 162 | 0.05 | 153 |
| SP1 | 11/11/2008 | 224 | 8.5 | 20 | 92.0 | 7.3 | | | <LOD | | | <LOD | | 37 | 244 | 0.06 | 159 |
| SP1 | 12/11/2008 | 234 | 8.1 | 13 | 92.1 | 6.9 | | | <LOD | | | <LOD | | 35 | 140 | 0.16 | 166 |
| SP3 | 30/10/2008 | 322 | 10.1 | 17 | 96.6 | 6.5 | | | 0.6 | | | 0.04 | | 35 | | 0.02 | 209 |
| SP3 | 31/10/2008 | 324 | 10.2 | 11 | 94.9 | 6.9 | | | <LOD | | | 1.32 | | 47 | | 0.02 | 209 |
| SP3 | 03/11/2008 | 342 | 12.1 | 27 | 94.7 | 7.5 | | | <LOD | | | 0.14 | | 21 | | 0.06 | 222 |
| SP3 | 04/11/2008 | 325 | 12.3 | 6 | 92.1 | 7.1 | | | 0.4 | | | 0.07 | | 21 | | 0.04 | 225 |
| SP3 | 05/11/2008 | 323 | 12.0 | 8 | 95.9 | 7.0 | | | 0.8 | | | <LOD | | <LOD | | 0.03 | 221 |
| SP3 | 06/11/2008 | 323 | 10.9 | 6 | 103.8 | 6.6 | | | 1.1 | | | 0.15 | | 30 | | 0.02 | 222 |
| SP3 | 07/11/2008 | 302 | 10.5 | 17 | 95.6 | 7.2 | | | <LOD | | | 0.05 | | 29 | | 0.02 | 206 |
| SP3 | 10/11/2008 | 296 | 9.3 | 10 | 98.0 | 6.9 | | | 0.1 | | | 1.01 | | 25 | | 0.03 | 203 |
| SP3 | 11/11/2008 | 296 | 10.4 | 15 | 92.3 | 7.1 | | | 0.3 | | | 1.14 | | 25 | | 0.03 | 202 |
| SP3 | 12/11/2008 | 303 | 10.0 | 10 | 92.7 | 6.8 | | | <LOD | | | 0.03 | | 44 | | 0.06 | 205 |
| Additional Monitoring | | | | | | | | | | | | | | | | | |
| D22 | 30/10/2008 | 236 | 8.0 | 2 | 87.0 | 6.4 | | | 1.4 | | | 0.02 | | 84 | | 0.11 | 150 |
| D62 | 30/10/2008 | 182 | 7.3 | 10 | 90.6 | 5.9 | | | 1.8 | | | 0.06 | | 29 | | 0.11 | 104 |
| D22 | 06/11/2008 | 260 | 9.7 | 4 | 84.0 | 6.6 | | | <LOD | | | 0.15 | | 39 | | 0.07 | 176 |
| D62 | 06/11/2008 | 205 | 9.4 | 1 | 85.4 | 4.9 | | | 0.3 | | | 0.05 | | 41 | | 0.07 | 147 |
| Axonics Monitoring | | | | | | | | | | | | | | | | | |
| Pre | 30/10/2008 | 344 | | 83 | | 6.5 | | | <LOD | | | 0.16 | | 137 | | 0.01 | 218 |
| Post | 30/10/2008 | 339 | | 10 | | 6.3 | | | <LOD | | | 0.08 | | 26 | >LOD | 0.01 | 216 |
| Pre | 31/10/2008 | 322 | | 50 | | 7.0 | | | <LOD | | | 0.38 | | 189 | | 0.05 | 206 |
| Post | 31/10/2008 | 335 | | 14 | | 6.9 | | | <LOD | | | 0.15 | | 36 | >LOD | 0.02 | 215 |
| Pre | 03/11/2008 | 347 | | >LOD | | 6.9 | | | <LOD | | | 2.65 | | >LOD | | <LOD | 220 |
| Post | 03/11/2008 | 346 | | 18 | | 6.8 | | | <LOD | | | 0.10 | | 120 | >LOD | 0.07 | 222 |
| Pre | 04/11/2008 | 296 | | 120 | | 7.2 | | | <LOD | | | 0.16 | | 160 | | 0.08 | 203 |
| Post | 04/11/2008 | 324 | | 11 | | 6.9 | | | 0.5 | | | 0.08 | | <LOD | 556 | 0.05 | 220 |
| Pre | 05/11/2008 | 309 | | >LOD | | 6.8 | | | <LOD | | | 5.48 | | >LOD | | 0.35 | 211 |
| Post | 05/11/2008 | 332 | | 13 | | 6.6 | | | <LOD | | | <LOD | | <LOD | 297 | 0.08 | 227 |
| Pre | 06/11/2008 | 313 | | >LOD | | 6.9 | | | <LOD | | | 2.07 | | >LOD | | 0.02 | 214 |
| Post | 06/11/2008 | 329 | | 5 | | 6.7 | | | <LOD | | | 0.21 | | <LOD | 149 | 0.01 | 225 |
| Pre | 07/11/2008 | 311 | | 259 | | 6.8 | | | <LOD | | | 0.65 | | >LOD | | 0.03 | 212 |
| Post | 07/11/2008 | 326 | | 8 | | 6.5 | | | <LOD | | | 0.01 | | 23 | 333 | 0.02 | 220 |
| Pre | 10/11/2008 | 295 | | 734 | | 6.9 | | | <LOD | | | 0.45 | | >LOD | | 0.05 | 202 |
| Post | 10/11/2008 | 311 | | 9 | | 6.6 | | | 0.4 | | | 0.01 | | 30 | 278 | 0.04 | 210 |
| Pre | 11/11/2008 | 297 | | 38 | | 7.0 | | | <LOD | | | 0.23 | | 85 | | <LOD | 199 |
| Post | 11/11/2008 | 311 | | 6 | | 6.5 | | | <LOD | | | <LOD | | <LOD | 223 | <LOD | 209 |
| Pre | 12/11/2008 | 297 | | 491 | | 6.7 | | | <LOD | | | 0.25 | | 53 | | 0.25 | 199 |
| Post | 12/11/2008 | 309 | | 6 | | 6.4 | | | 0.4 | | | <LOD | | 368 | >LOD | 0.03 | 205 |
| Grey shaded areas denote parameters that cannot or were not analysed on-site | | | | | | | | | | | | | | | | | |
| = Indicative Only | | | | | | | | | | | | | | | | | |
| < LOD = Below Limit of Detection | | | | | | | | | | | | | | | | | |
| > LOD = Above Limit of Detection | | | | | | | | | | | | | | | | | |