

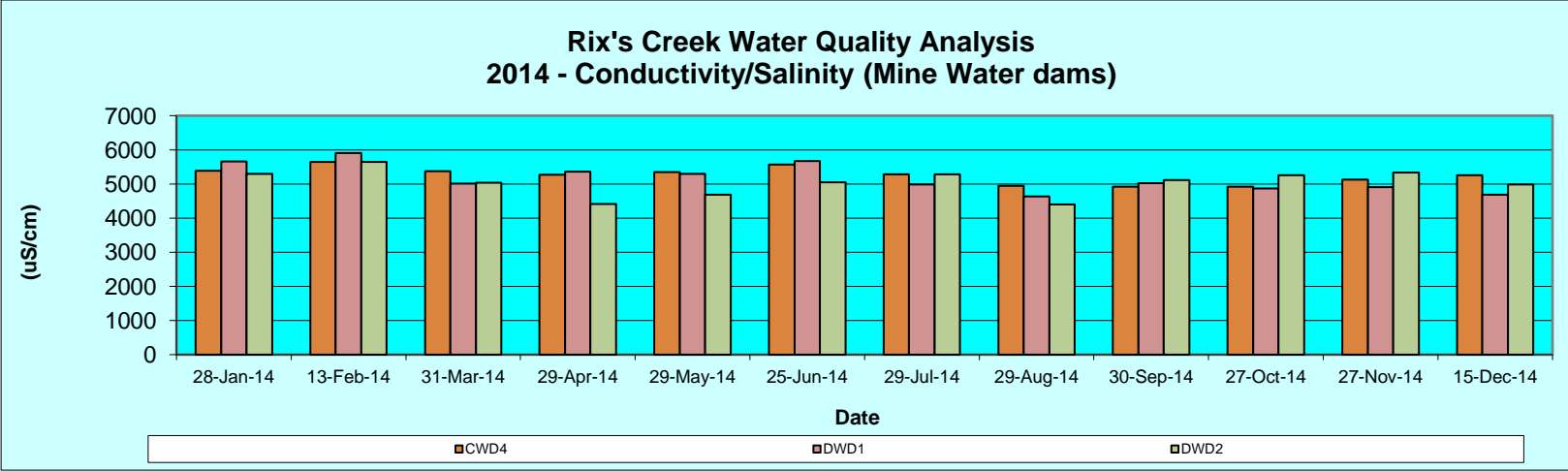
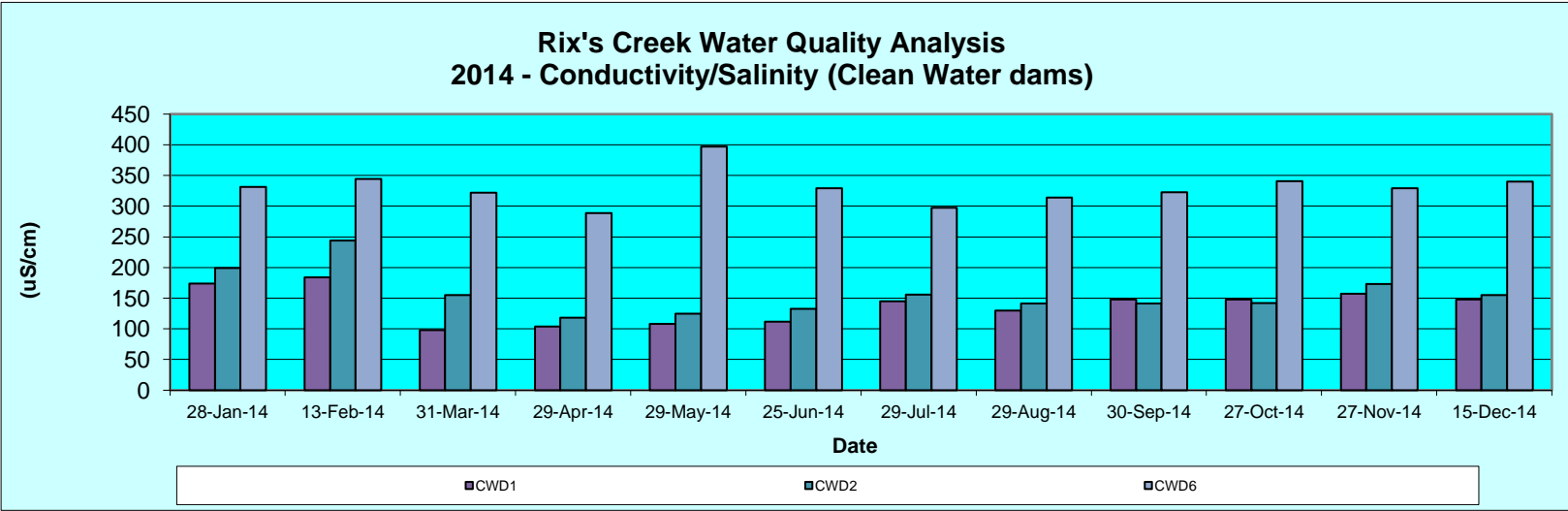
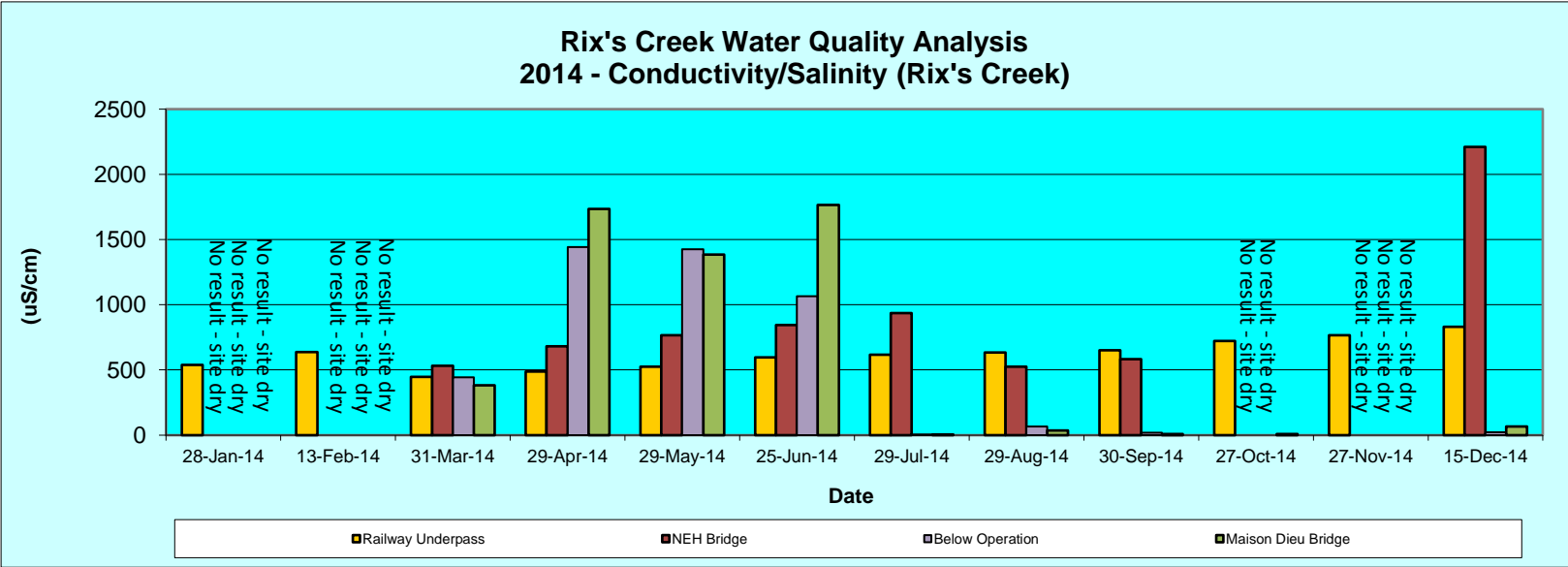
WATER RESULTS 2014

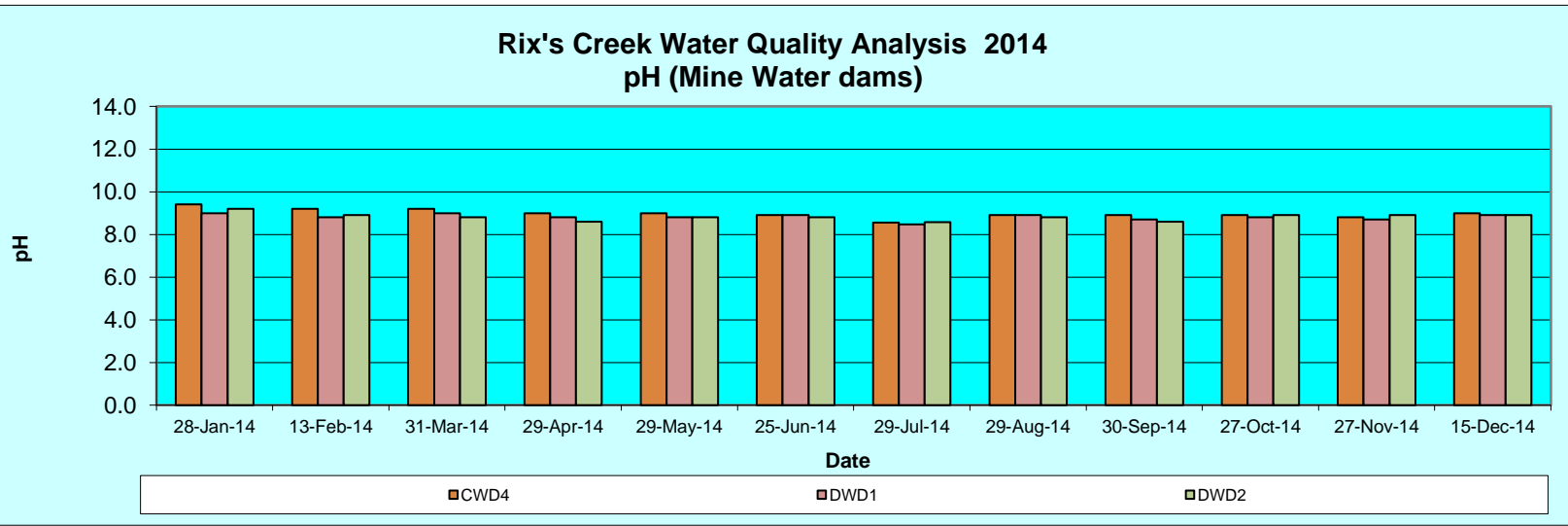
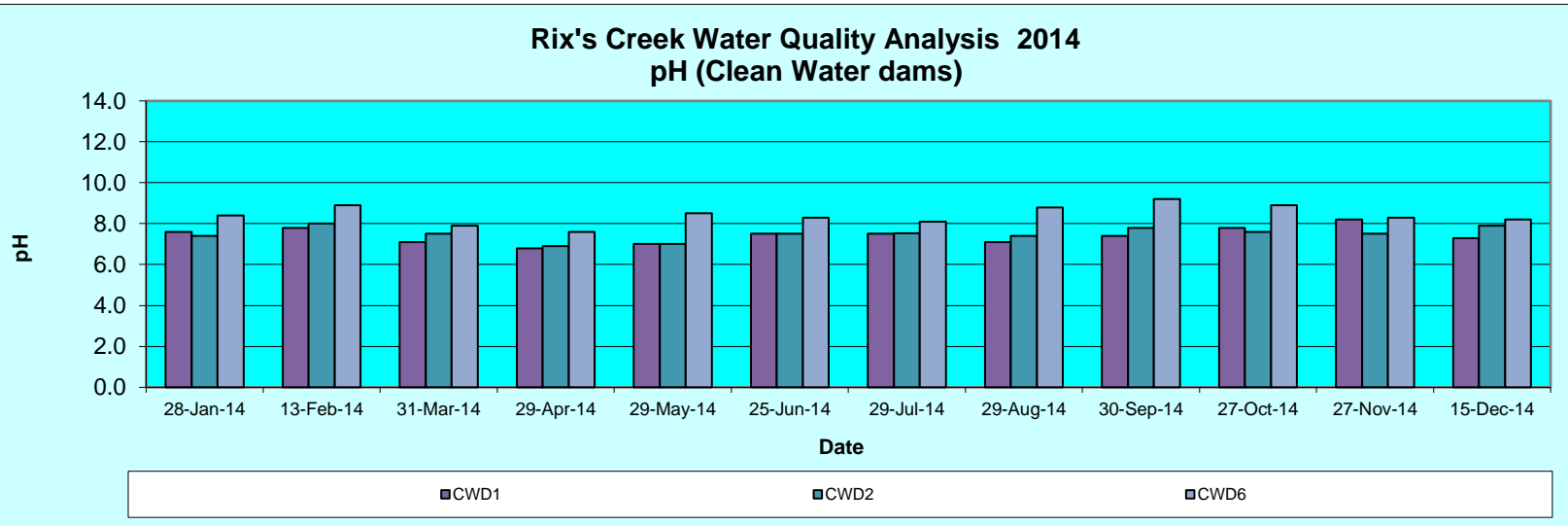
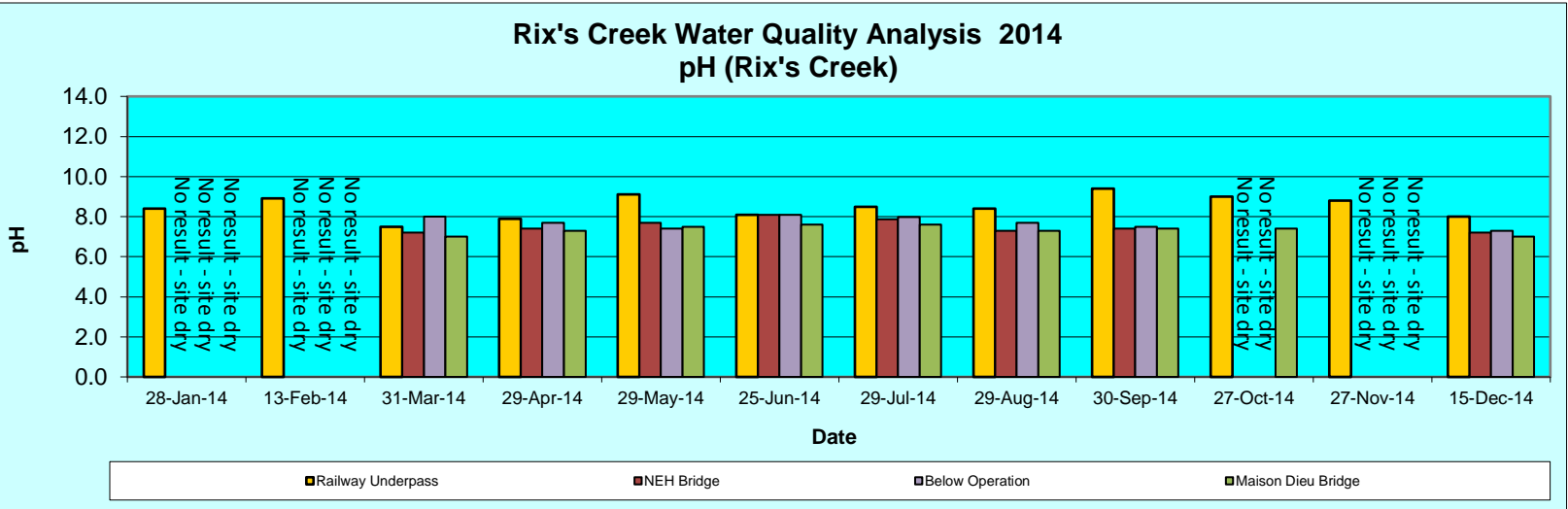
License Number: 3391
Licensee: RIX'S CREEK PTY. LIMITED
 PO BOX 4
 EAST MAITLAND NSW 2323
Premises: RIX'S CREEK COLLIERY
 RIX'S CREEK LANE
 SINGLETON NSW 2330

Monitoring Frequency: Once a month
Sampling method: Grab sample
Limits: Nil

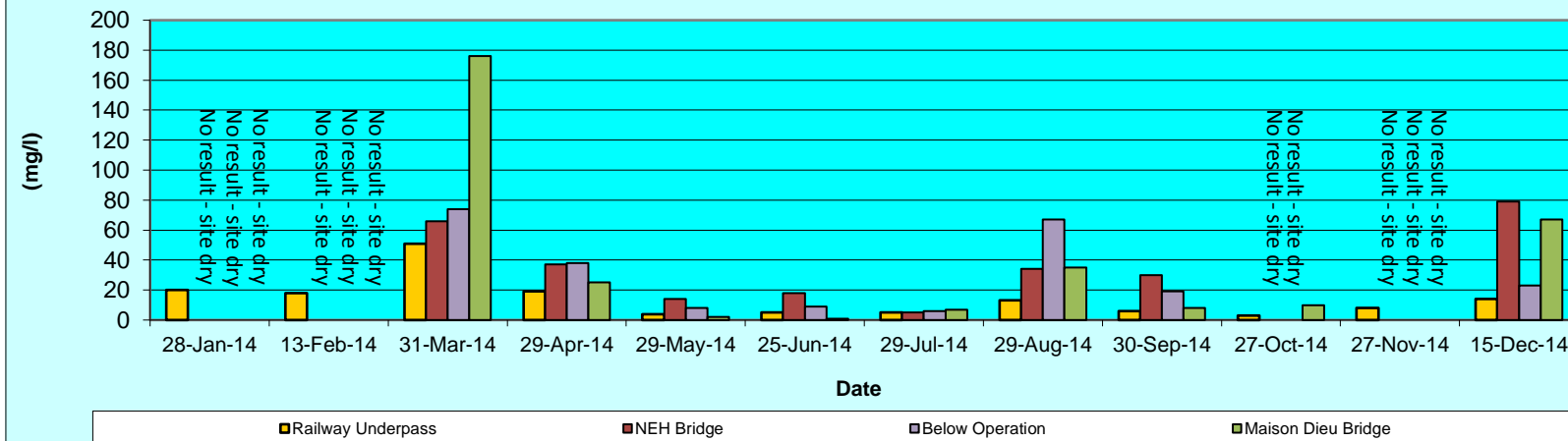
| Published: Sampled: Obtained: | | | | 13 February 2014 28 January 2014 6 February 2014 | 3 March 2014 13 February 2014 18 February 2014 | 14 April 2014 31 March 2014 8 April 2014 | 20 May 2014 29 April 2014 4 May 2014 | 4 June 2014 29 May 2014 3 June 2014 | 7 July 2014 25 June 2014 3 July 2014 |
|-------------------------------------|---------------------|--|---------------------|--|--|--|--|---|--|
| Sampling Point | Monitoring Location | Pollutant | Unit | JANUARY Measurement | FEBRUARY Measurement | MARCH Measurement | APRIL Measurement | MAY Measurement | JUNE Measurement |
| 1 | Railway Underpass | Conductivity pH Total suspended solids | uS/cm pH mg/l | 540 8.4 20 | 637 8.9 18 | 448 7.5 51 | 488 7.9 19 | 526 9.1 4 | 598 8.1 5 |
| 2 | NEH Bridge | Conductivity pH Total suspended solids | uS/cm pH mg/l | No result - site dry | No result - site dry | 533 7.2 66 | 682 7.4 37 | 767 7.7 14 | 844 8.1 18 |
| 10 | Below Operation | Conductivity pH Total suspended solids | uS/cm pH mg/l | No result - site dry | No result - site dry | 445 8.0 74 | 1,443 7.7 38 | 1,426 7.4 8 | 1,066 8.1 9 |
| 3 | Maison Dieu Bridge | Conductivity pH Total suspended solids | uS/cm pH mg/l | No result - site dry | No result - site dry | 383 7.0 176 | 1,734 7.3 25 | 1,385 7.5 2 | 1,765 7.6 1 |
| 4 | CWD1 | Conductivity pH Total suspended solids | uS/cm pH mg/l | 174 7.6 10 | 184 7.8 9 | 98 7.1 86 | 104 6.8 31 | 108 7.0 8 | 112 7.5 5 |
| 5 | CWD2 | Conductivity pH Total suspended solids | uS/cm pH mg/l | 199 7.4 6 | 244 8.0 13 | 155 7.5 47 | 118 6.9 17 | 125 7.0 9 | 133 7.5 10 |
| 7 | CWD6 | Conductivity pH Total suspended solids | uS/cm pH mg/l | 331 8.4 7 | 344 8.9 5 | 322 7.9 18 | 289 7.6 10 | 397 8.5 6 | 329 8.3 6 |
| 8 | DWD1 | Conductivity pH Total suspended solids | uS/cm pH mg/l | 5,660 9.0 7 | 5,900 8.8 5 | 5,010 9.0 11 | 5,360 8.8 5 | 5,290 8.8 3 | 5,670 8.9 13 |
| 9 | DWD2 | Conductivity pH Total suspended solids | uS/cm pH mg/l | 5,290 9.2 7 | 5,650 8.9 5 | 5,030 8.8 7 | 4,410 8.6 8 | 4,680 8.8 10 | 5,050 8.8 10 |
| 6 | CWD4 | Conductivity pH Total suspended solids | uS/cm pH mg/l | 5,380 9.4 7 | 5,640 9.2 5 | 5,370 9.2 6 | 5,270 9.0 2 | 5,350 9.0 3 | 5,570 8.9 7 |

| Published: Sampled: Obtained: | | | | 14 August 2014 29 July 2014 7 August 2014 | 10 September 2014 29 August 2014 9 September 2014 | 15 October 2014 30 September 2014 9 October 2014 | 5 November 2014 27 October 2014 31 October 2014 | 11 December 2014 27 November 2014 10 December 2014 | 22 December 2014 15 December 2014 19 December 2014 |
|-------------------------------------|---------------------|--|---------------------|---|---|--|---|--|--|
| Sampling Point | Monitoring Location | Pollutant | Unit | JULY Measurement | AUGUST Measurement | SEPTEMBER Measurement | OCTOBER Measurement | NOVEMBER Measurement | DECEMBER Measurement |
| 1 | Railway Underpass | Conductivity pH Total suspended solids | uS/cm pH mg/l | 616 8.5 5 | 634 8.4 13 | 650 9.4 6 | 721 9.0 3 | 767 8.8 8 | 830 8.0 14 |
| 2 | NEH Bridge | Conductivity pH Total suspended solids | uS/cm pH mg/l | 937 7.9 5 | 525 7.3 34 | 582 7.4 30 | No result - site dry | No result - site dry | 2,210 7.2 79 |
| 10 | Below Operation | Conductivity pH Total suspended solids | uS/cm pH mg/l | 701 8.0 6 | 1,042 7.7 67 | 1083 7.5 19 | No result - site dry | No result - site dry | 558 7.3 23 |
| 3 | Maison Dieu Bridge | Conductivity pH Total suspended solids | uS/cm pH mg/l | 684 7.6 7 | 419 7.3 35 | 1,225 7.4 8 | 694 7.4 10 | No result - site dry | 330 7.0 67 |
| 4 | CWD1 | Conductivity pH Total suspended solids | uS/cm pH mg/l | 145 7.5 5 | 130 7.1 41 | 148 7.4 15 | 148 7.8 5 | 157 8.2 7 | 148 7.3 17 |
| 5 | CWD2 | Conductivity pH Total suspended solids | uS/cm pH mg/l | 156 7.5 5 | 141 7.4 10 | 141 7.8 8 | 142 7.6 4 | 173 7.5 7 | 155 7.9 7 |
| 7 | CWD6 | Conductivity pH Total suspended solids | uS/cm pH mg/l | 297 8.1 5 | 314 8.8 7 | 323 9.2 10 | 341 8.9 4 | 329 8.3 32 | 340 8.2 10 |
| 8 | DWD1 | Conductivity pH Total suspended solids | uS/cm pH mg/l | 4,980 8.5 11 | 4,630 8.9 11 | 5,020 8.7 9 | 4,870 8.8 7 | 4,910 8.7 3 | 4,690 8.9 9 |
| 9 | DWD2 | Conductivity pH Total suspended solids | uS/cm pH mg/l | 5,280 8.6 5 | 4,400 8.8 4 | 5,110 8.6 5 | 5,250 8.9 5 | 5,330 8.9 3 | 4,990 8.9 7 |
| 6 | CWD4 | Conductivity pH Total suspended solids | uS/cm pH mg/l | 5,280 8.6 5 | 4,940 8.9 2 | 4,920 8.9 29 | 4,920 8.9 9 | 5,130 8.8 9 | 5,250 9.0 11 |

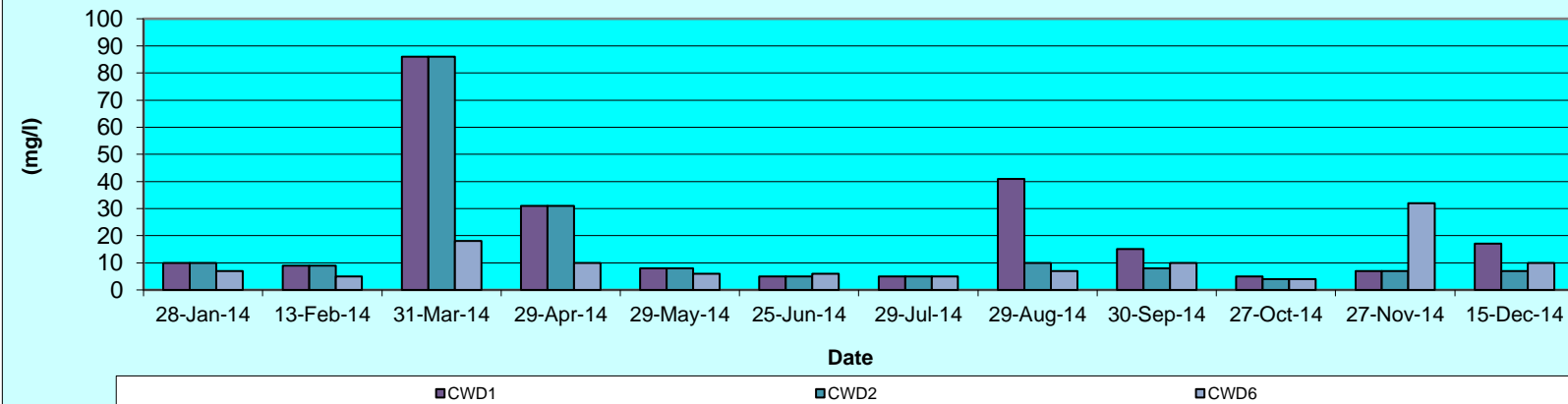




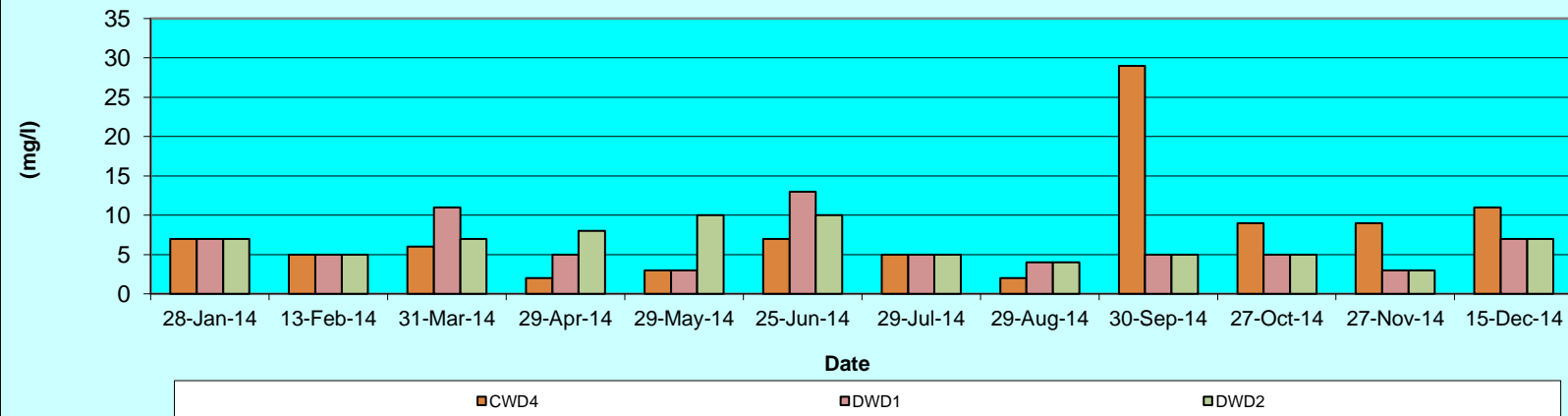
Rix's Creek Water Quality Analysis 2014
Total Suspended Solids (Rix's Creek)



Rix's Creek Water Quality Analysis 2014
Total Suspended Solids (Clean Water dams)



Rix's Creek Water Quality Analysis 2014
Total Suspended Solids (Mine Water dams)





Rix's Creek – Water Monitoring Sites Location Diagram.