

LEG STREAMWATCH MONITORING RESULTS 2006/2026

- Exceeds Trigger Value of 300 EC for Electrical Conductivity compliance with SCA Water Quality Monitoring Program.
- Exceeds WHO and generally accepted ADWG upper limit of 800 EC for salinity in drinking water.
- Exceeds WHO/ANZECC (2000) upper limit of 1500 EC for salinity above which adverse biological impacts may occur.
- Exceeds limit of LEG's testing equipment for salinity (>1999 $\mu\text{S}/\text{cm}$ for ECScanLow meter).
- Exceeds ANZECC (2000) Water Quality Guideline upper limit for pH (8), Turbidity (25 NTU), and/or Available Phosphate (0.14 mg/L), DO >6mg/l, >80-90%.

| Site | Location | Date | Dissolved Oxygen mg/l | Dissolved Oxygen % | Temp °C | pH | Electrical Conductivity $\mu\text{S}/\text{cm}$ | Turbidity NTU | Available Phosphate ppm | Comments |
|----------|--|----------|-----------------------|--------------------|---------|------|---|--|-------------------------|---------------------------------------|
| 1 | Coxs River headwaters, Ben Bullen State Forest. Permanent waterhole 2-3km below start of Coxs River. -33.305571° 150.097151° Altitude: 945.47m | 19/10/06 | 2.7 | 38 | 13 | 5 | 30 | <10 | - | |
| | | 3/11/06 | 3.4 | 32 | 13 | 6 | 30 | 10 | - | |
| | | 23/11/06 | 3.1 | 30 | 16 | 6 | 30 | 10 | 0.07 | |
| | | 28/12/06 | 2.7 | 31 | 23 | 6 | 40 | 15 | 0.05 | |
| | | 24/1/07 | 0.08 | 10 | 20 | 6 | 40 | 30 | 0.04 | 38mm recent rain |
| | | 12/4/07 | 2.4 | 23 | 16 | 6 | 50 | 20 | 0.02 | |
| | | 17/5/07 | 2.3 | 20 | 11 | 6 | 30 | <10 | 0.02 | 3mm recent rain |
| | | 18/6/07 | 3.8 | 33 | 9 | 6 | 120 | <10 | 0.04 | 115mm rain during the month |
| | | 18/7/07 | 9.3 | 77.4 | 7.9 | 5.66 | 35 | 0 | - | SCA Sampling Data. Flowing, clear |
| | | 28/7/07 | 6.1 | 50 | 7.5 | 6 | 50 | <10 | 0.02 | Flowing, clear, frog calls |
| | | 27/8/07 | 6.0 | 52 | 8.5 | 6 | 40 | <10 | 0.02 | 25mm recent rain, flowing, Frog calls |
| | | 24/9/07 | 4.1 | 36 | 8 | 6 | 50 | <10 | 0.01 | Flowing, clear, 700EC downstream |
| | | 11/10/07 | - | - | 12 | 6 | 40 | <10 | - | Flowing, saw a big Black Snake |
| | | 29/10/07 | 4.7 | 50 | 14.5 | 6 | 40 | <10 | 0.01 | Flowing, lots Frog calls |
| | | 4/11/07 | - | - | - | - | 30 | 10 | - | Turbidity after 50mm storm overnight |
| | | 30/11/07 | 3.8 | 39 | 16 | 6 | 40 | <10 | 0.00 | 150mm Nov, tea-tree colour, flowing |
| | | 31/12/07 | 3.2 | 40 | 21.5 | 5.5 | 40 | <10 | 0.03 | Flowing, EC560 2km downstream |
| | | 28/1/08 | 3.4 | 36 | 18 | 5.5 | 40 | <10 | 0.02 | Flowing, EC480 2km downstream |
| | | 2/3/08 | 4.3 | 41 | 13 | 5.5 | 40 | <10 | 0.04 | 71 mm rain, EC730 2km downstream |
| | | 1/4/08 | 4.2 | 42 | 14 | 6 | 40 | <10 | 0.03 | Flowing, EC1050 1km downstream |
| 29/5/08 | 3.6 | 30 | 6.5 | 5.5 | 30 | <10 | 0.01 | 15mm o'nite, flowing, EC960 1km downst | | |
| 30/7/08 | 4.9 | 58 | 5.5 | 6 | 40 | <10 | - | Flowing, frog calls, tannin stained | | |
| 30/9/08 | 2.4 | 20 | 10 | 5.5 | 40 | <10 | 0.06 | Frog calls, Boobook Owl, Wood-duck | | |
| 31/10/08 | 3.5 | 35 | 14.5 | 5.5 | 40 | <10 | 0.01 | Flowing, tea-tree stain, 30mm rain | | |

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|------------|-----|-----|------|-----|----|-----|------|--|
| 25/1/09 | 1.8 | 16 | 18.5 | 5.5 | 50 | 15 | 0.00 | Flowing, Tadpoles, tannin stained |
| 25/2/09 | 1.9 | 20 | 17.5 | 5.5 | 50 | <10 | 0.02 | Flowing, fewer Tadpoles, tannin |
| 30/3/09 | 1.2 | 12 | 15 | 5.5 | 50 | <10 | 0.04 | Slight flow, Tea-stained, Frog calls |
| 29/4/09 | 1.7 | 15 | 10.5 | 5.5 | 40 | 15 | - | Slight flow, Tea-stained, murky |
| 31/5/09 | 2.6 | 23 | 9.5 | 5.5 | 40 | 10 | - | Flowing, slightly murky |
| 28/6/09 | - | - | 7.5 | 5.5 | 40 | <10 | - | Flowing, clear, some Frog calls |
| 25/7/09 | - | - | 7 | 5.5 | 40 | <10 | - | Flowing, frog calls, a Gudgeon |
| 31/8/09 | 2.7 | 23 | 8 | 5 | 40 | <10 | 0.09 | Flowing, some Frog calls |
| 30/9/09 | 2.8 | 25 | 10 | 5.5 | 50 | <10 | 0.07 | Flowing, bit murky, some Frog calls |
| 6/11/09 | 2.6 | 25 | 14 | 5.5 | 40 | 10 | 0.12 | Not flowing, tea-tree & iron stained |
| 12/12/09 | 3.3 | 33 | 16 | 5.5 | 40 | <10 | - | Not flowing, downstream bridges dry |
| 10/2/10 | 3.1 | 33 | 18 | 5.5 | 50 | <10 | - | No flow. 60mm rain, bridges low |
| 12/3/10 | 4.0 | 4.1 | 16 | 5.5 | 50 | 10 | 0.00 | Flowing. EC340 1k down, 540 2k |
| 5/7/10 | 6.7 | | 4.5 | 6.0 | 40 | >10 | 0.09 | Flowing. EC330 1k, 530 2k, lots rain |
| 4/9/11 | - | - | - | - | 30 | - | - | Flowing |
| 26/9/12 | - | - | - | - | 30 | - | - | |
| 30/11/13 | - | - | - | - | 40 | - | - | |
| 11/10/14 | - | - | - | - | 40 | - | - | |
| 15/5/15 | - | - | - | - | 30 | - | - | 1 st bridge 90, 2 nd bridge 80 |
| 12/1/16 | - | - | - | - | 30 | - | - | |
| 09/02/16 | - | - | - | - | 30 | - | - | Flowing, 200mm rain in January |
| 09/03/16 | - | - | - | - | 40 | - | - | Only just flowing |
| 10/04/16 | - | - | - | - | 30 | - | - | |
| 3/05/16 | - | - | - | - | 40 | - | - | |
| 1/10/17 | - | - | - | - | 40 | - | - | Muddy by 4WDs. Buff-banded Rail |
| 23/2/18 | - | - | - | - | 40 | - | - | |
| 1/4/18 | - | - | - | - | 40 | - | - | Water level down, cars driving thru |
| 17/5/2018 | - | - | - | - | 40 | - | - | Water level very low |
| 21/8/18 | - | - | - | - | 40 | - | - | V. low. 70 where 4WDs driving thru |
| 20/9/18 | - | - | - | - | 40 | - | - | Low |
| 09/05/19 | - | - | - | - | 60 | - | - | <i>Grevillea acanthifolia</i> 's have died |
| 1/11/2019 | - | - | - | - | 70 | - | - | Tested during LLS working bee |
| 4/12/2019 | - | - | - | - | 70 | - | - | Lowest water level since tests began |
| 19/02/2020 | - | - | - | - | 80 | - | - | Long Swamp backburned by RFS on 17/12/2019. Over 100mm rain since. Water level almost normal, black with bushfire-ash. 2 ducks. |

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|----------|---|----------------|-------------|-------------|--------------|-------------|------------|-------------|------------------|---|
| | | 19/8/2020 | - | - | - | - | 40 | - | - | Water level high |
| | | 19/1/2021 | - | - | - | - | 30 | - | - | Flowing |
| | | 12/12/2021 | - | - | - | - | 40 | - | - | Giant Dragonfly downstream + <i>Orthetrum caledonicum</i> . <i>Austrolestes leda</i> . <i>Synthemis eustalacta</i> |
| | | 28/4/2022 | - | - | - | - | 40 | - | - | <i>Hypoxis hygrometrica ssp vilosisejala</i> |
| | | 10/12/2022 | - | - | - | - | 40 | - | - | Flowing. <i>Utricularia dichotoma</i> |
| | | 21/1/2023 | - | - | - | - | 40 | - | - | Full. <i>Synthemis eustalacta</i> |
| | | 28/9/2023 | - | - | - | - | 40 | - | - | Water level near top. Numerous <i>Paralucia aurifer</i> on <i>Bursaria spinosa ssp lasiophylla</i> downstream |
| | | 4/05/2024 | - | - | - | - | 40 | - | - | Tested closer to Wolgan Rd as Long Swamp Tr closed for several months |
| | | 27/07/2024 | - | - | - | - | 70 | - | - | 15mm rain o'night. 60 at new bridge |
| | | 21/11/2024 | - | - | - | - | 50 | <10 | - | A tiger snake |
| | | 31/1/2025 | - | - | - | - | 40 | <10 | - | Slight flow, clear |
| | | 28/2/2025 | - | - | - | - | 40 | <10 | - | Flowing, clear |
| | | 16/4/2025 | - | - | - | - | 40 | - | - | Lower level than usual |
| | | 29/7/2025 | | | 7.3 | 5.94 | 52.2 | | | 25mm rain last 7 days |
| | | 28/10/2025 | | | 12.4 | 5.5 | 36.7 | | | TDS 25.7ppm. 0.02ppt. Raining |
| | | 5/05/2026 | | | 12.3 | 5.76 | 38.5 | 10 | | TDS 27.2 ppm. 0.02 ppt. 13mm rain |
| | | | | | | | | | | |
| 2 | Kangaroo Creek, Wolgan Road, Angus Place (downstream Angus Place Colliery) -33.349592° 150.099018° Altitude: 915.28m | 19/10/06 | 6.9 | 69 | 19 | 8 | 880 | <10 | - | |
| | | 5/11/06 | 9.6 | 96 | 15 | 9 | 1100 | 10 | 0.02 | 30mm rain |
| | | 23/11/06 | 5.3 | 61 | 25 | 8 | 980 | <10 | - | |
| | | 28/12/06 | 5.9 | 67 | 21 | 8 | 1030 | <10 | 0.03 | |
| | | 26/1/07 | 3.7 | 41 | 21 | 8 | 1060 | <10 | - | 38 mm rain |
| | | 12/4/07 | 5.7 | 60 | 18 | 9 | 980 | <10 | 0.04 | |
| | | 15/5/07 | 6.85 | 83.6 | 16.58 | 8.67 | 986 | 20.0 | <0.005 | SCA Field Data |
| | | 17/5/07 | 6.1 | 60 | 15 | 8.5 | 900 | 80 | 0.05 | Water is grey/black |
| | | 1/6/07 | - | - | - | - | 970 | - | - | 48mm rain, grey |
| | | 14/6/07 | - | - | - | - | 250 | - | - | 88mm rain |
| | | 30/6/07 | 5.3 | 46 | 8 | 7.5 | 390 | 10 | 0.01 | 39mm, no frogs |
| | | 28/7/07 | 5.6 | 49 | 9 | 8 | 620 | 20 | 0.06 | Black muck on creek bed |
| | | 17/8/07 | - | - | 9 | - | 570 | <10 | - | 8mm rain, flowing, black creek bed |

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|----------|-----|----|------|-----|------|-----|------|---|
| 27/8/07 | 6.3 | 57 | 11 | 8 | 510 | 15 | 0.04 | 25mm rain, flowing, black creek bed |
| 7/9/07 | - | - | 10 | 8 | 570 | 10 | - | Flowing, black creek bed, no frogs |
| 24/9/07 | 6.1 | 55 | 10 | 8 | 670 | 200 | 0.08 | V. dirty black, no frog calls |
| 11/10/07 | - | - | 14 | 8 | 710 | <10 | - | Black silt on creekbed |
| 29/10/07 | 5.8 | 60 | 17 | 8 | 670 | 10 | 0.05 | 29mm rain. No frog calls |
| 4/11/07 | - | - | - | - | 440 | 60 | - | Turbidity after 50mm storm overnite |
| 30/11/07 | 5.4 | 55 | 16.5 | 7.5 | 300 | 15 | 0.01 | 150mm rain Nov, rusty colour |
| 31/12/07 | 4.8 | 54 | 20 | 7.5 | 560 | 20 | 0.03 | Black silt on creekbed |
| 28/1/08 | 5.0 | 53 | 17.5 | 8 | 650 | <10 | 0.03 | v. slow flow, no frogs, clear |
| 2/3/08 | 6.3 | 59 | 12 | 8 | 690 | <10 | 0.01 | 71 mm rain during week |
| 2/4/08 | 6.3 | 60 | 13.5 | 8 | 830 | <10 | 0.08 | Flowing, black coal fines on creekbed |
| 29/5/08 | 6.8 | 56 | 7.5 | 8 | 870 | <10 | 0.04 | 15mm rain o'nite, slight flow |
| 30/7/08 | 5.7 | 50 | 9.5 | 8 | 880 | <10 | - | Flowing, warmer than other creeks today |
| 30/9/08 | 5.6 | 54 | 13 | 8 | 840 | <10 | 0.04 | Flowing, clear. 70 - 80mm rain Septembe |
| 31/10/08 | 5.0 | 58 | 21 | 8 | 850 | 10 | 0.07 | Flowing, slightly murky |
| 25/1/09 | 5.1 | 58 | 20 | 8 | 820 | 30 | 0.08 | Higher flow than usual, murky |
| 25/2/09 | 5.5 | 60 | 19.5 | 8.5 | 820 | 20 | 0.05 | Flowing, slightly grey/black, 30mm rain |
| 1/4/09 | 5.9 | 62 | 18 | 8 | 810 | 80 | - | 20mm o'nite, v. grey black |
| 29/4/09 | 6.3 | 61 | 14 | 8 | 880 | 10 | - | Flowing, clear |
| 31/5/09 | 6.6 | 63 | 13.5 | 8.5 | 900 | 15 | - | Flowing, grey/green, warmer than Coxs |
| 28/6/09 | - | - | 11 | 8.5 | 1020 | 15 | - | Flowing, floating algae/ affected turbidity |
| 25/7/09 | - | - | 8 | 8 | 990 | 10 | - | Flowing, floating algae/detritus |
| 31/8/09 | 5.9 | 54 | 11 | 8.5 | 920 | <10 | 0.09 | Clear, pond has been cleaned out |
| 30/9/09 | 5.5 | 56 | 16 | 8.5 | 1020 | <10 | 0.11 | Clear, slight flow |
| 6/11/09 | 5.4 | 55 | 16.5 | 8 | 1090 | <10 | 0.11 | Clear, EC highest in 3 yrs (since 5/11/06) |
| 12/12/09 | 5.7 | 64 | 21 | 8.5 | 940 | <10 | - | Clear flowing well |
| 10/2/10 | 5.0 | 57 | 22 | 8.5 | 840 | <10 | - | 60mm rain over w'end, recent roadworks |
| 12/3/10 | 6.7 | 69 | 16.5 | 8 | 950 | 10 | 0.01 | Flowing, slightly milky |
| 17/2/10 | - | - | - | - | - | - | - | EPA Pollution Reduction Notice to Angus Place Mine to reduce 10 t salt/yr dumped via LDP1 into Kangaroo Ck |
| 9/5/11 | - | - | - | - | - | - | - | EPA agree to Angus preferred option to pipe LDP1 water to Wang power station (not installed until May 2021) |
| 26/9/12 | - | - | - | - | 1160 | - | - | Flowing |
| 15/5/15 | - | - | - | - | 770 | - | - | |
| 12/1/16 | - | - | - | - | 1060 | - | - | Flowing |

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|----------|--|------------|-----|----|------|------|------|-----|------|--|
| | | 9/3/16 | - | - | - | - | 1070 | - | - | |
| | | 10/4/16 | - | - | - | - | 1080 | - | - | |
| | | 3/05/16 | - | - | - | - | 1090 | - | - | Flowing |
| | | 17/04/18 | - | - | 15 | - | 1030 | - | - | High flow |
| | | 10/6/2018 | - | - | - | - | 1040 | - | - | High flow |
| | | 21/8/18 | - | - | - | - | 300 | - | - | Temp Desal Plant at Angus Place commenced (Note: approval to dump waste brine back into underground mine workings???) |
| | | 20/9/18 | - | - | - | - | 270 | - | - | Very high flow |
| | | 7/8/2019 | - | - | - | - | 300 | - | - | During tour of 900 Area |
| | | 4/12/2019 | - | - | - | - | 290 | - | - | High flow |
| | | 4/1/2020 | - | - | - | - | - | - | - | No flow |
| | | 19/2/2020 | - | - | - | - | 720 | - | - | Flowing again. Catchment burnt 12-16 Dec 2019. 100+mm rain since |
| | | 14/3/2020 | - | - | - | - | 420 | - | - | Flowing |
| | | 26/5/2021 | - | - | - | - | 90 | - | - | LDP001-Mt Piper pipeline operational |
| | | 28/4/2022 | - | - | - | - | 110 | - | - | Low flow |
| | | 17/4/2023 | - | - | - | - | 90 | - | - | Flowing well |
| | | 27/9/2023 | - | - | - | - | 110 | - | - | Barely flowing |
| | | 4/04/2024 | - | - | - | - | 80 | - | - | Slight flow |
| | | 4/05/2024 | - | - | - | - | 60 | - | - | Lowest EC ever! Above average flow |
| | | 27/7/2024 | - | - | - | - | 110 | - | - | Flowing, clear |
| | | 21/11/2024 | - | - | - | - | 100 | <10 | - | Slight flow |
| | | 31/1/2025 | - | - | - | - | 130 | <10 | - | Slight flow |
| | | 16/4/2025 | - | - | - | - | 120 | <10 | - | No flow |
| | | 28/10/2025 | | | 11.3 | 7.1 | 107 | | | TDS 76.8ppm. 0.02ppt |
| | | 5/05/2026 | | | 10.5 | 5.89 | 308 | <10 | | TDS 221 ppm. 0.16 ppt. Low flow |
| | | | | | | | | | | |
| 3 | Sawyer's Swamp Creek, Wolgan Road, Lidsdale | 19/10/06 | 5.7 | 57 | 16 | 7 | 1120 | 15 | - | |
| | Downstream Kerosene | 5/11/06 | 7.4 | 70 | 13 | 7 | 1370 | <10 | 0.05 | 30mm rain |
| | Vale Ash Repository | 23/11/06 | 4.6 | 50 | 19 | 7 | 1270 | 30 | - | |
| | (KVAR), and former | 28/12/06 | 4.1 | 42 | 17 | 7.5 | 1380 | <10 | 0.03 | |
| | | 26/1/07 | 4.4 | 50 | 21 | 7 | 1400 | <10 | - | 38 mm rain |
| | | 12/4/07 | 5.0 | 47 | 13 | 7 | 1370 | <10 | 0.04 | |

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|---|----------|------|------|-------|------|------|------|---|--|
| Springvale LDP009 -33.380693 150.086511 Altitude: 894.57m Recent (2023) - small sign at this site says – <i>GPM EPL Water Monitoring Location WX7</i> | 26/4/07 | - | - | - | - | 1510 | - | - | 1mm rain |
| | 29/4/07 | - | - | - | - | 1460 | - | - | 18mm rain |
| | 3/5/07 | - | - | - | - | 1510 | - | - | |
| | 15/5/07 | 7.57 | 81.3 | 10.65 | 5.35 | 1600 | 2.1 | <0.005 | SCA Field Data |
| | 26/5/07 | - | - | - | - | 1280 | - | - | 48mm rain |
| | 14/6/07 | - | - | - | - | 1020 | - | - | 88mm rain |
| | 30/6/07 | 5.9 | 50 | 7 | 7 | 690 | 10 | 0.02 | 4mm, no frogs |
| | 28/7/07 | 6.6 | 53 | 6 | 7 | 770 | <10 | 0.03 | Bleached rusty look to creek bed |
| | 27/8/07 | 6.4 | 57 | 9.5 | 7 | 740 | <10 | 0.06 | 25mm rain, no frogs, rusty creekbed |
| | 7/9/07 | - | - | 8 | - | 830 | <10 | - | Flowing, no frog calls |
| | 24/9/07 | 6.3 | 54 | 8.5 | 7 | 910 | <10 | 0.06 | Possibly Gambusia, no frog calls |
| | 11/10/07 | - | - | 13 | 7 | 1090 | <10 | - | Possibly Gambusia, no frog calls |
| | 30/10/07 | 5.0 | 50 | 14.5 | 7 | 1070 | <10 | 0.02 | Possibly Gambusia, no frog calls |
| | 4/11/07 | - | - | - | - | - | 200 | - | Turbidity after 50mm storm overnight |
| | 30/11/07 | 5.2 | 51 | 15.5 | 7 | 650 | 30 | 0.01 | 150mm rain Nov, milky/grey |
| | 31/12/07 | 5.3 | 60 | 19.5 | 7 | 770 | <10 | 0.05 | Slow flow, no frogs |
| | 28/1/08 | 5.3 | 56 | 17.5 | 7 | 580 | <10 | 0.04 | Flowing, clear, Gambusia, a yabbie |
| | 2/3/08 | 5.6 | 54 | 13 | 6.5 | 730 | <10 | 0.09 | 71 mm rain during week |
| | 2/4/08 | 6.6 | 62 | 12 | 7 | 770 | <10 | 0.02 | Possibly Gambusia |
| | 29/5/08 | 6.4 | 53 | 7.5 | 7 | 1110 | <10 | 0.01 | 15mm rain o'nite, flowing, clear |
| | 30/7/08 | 7.1 | 54 | 4 | 6.5 | 1210 | <10 | - | Clear, flowing, rusty creekbed, no frogs |
| | 30/9/08 | 5.8 | 52 | 10 | 7 | 1020 | <10 | 0.03 | Flowing, clear, no frogs |
| | 31/10/08 | 5.0 | 52 | 16.5 | 7 | 950 | <10 | 0.05 | Flowing, clear |
| | 25/1/09 | 4.4 | 48 | 18 | 7 | 960 | <10 | 0.06 | Flowing, clear |
| | 25/2/09 | 5.6 | 60 | 19.5 | 8.5 | 930 | 30 | 0.07 | Springvale Transfer has begun , muddy |
| | 3/3/09 | - | - | 19.5 | - | 940 | 30 | - | Twice the usual flow, grey muddy |
| | 1/4/09 | 5.5 | 59 | 19 | 8.5 | 940 | 10 | - | Much higher flow, 20mm o'nite, grey |
| 29/4/09 | 6.6 | 68 | 16.5 | 8.5 | 1010 | 150 | - | V. muddy, v. high flow. Photo taken. | |
| 31/5/09 | 6.3 | 62 | 15 | 8.5 | 1080 | 15 | - | Grey, 6 ⁰ warmer than other creeks today | |
| 28/6/09 | - | - | 15.5 | 8.5 | 1140 | 15 | - | Grey, 7-8 ⁰ warmer than other creeks | |
| 25/7/09 | - | - | 13 | 8.5 | 1110 | <10 | - | Clearer than usual, no frog calls | |
| 31/8/09 | 5.2 | 50 | 14 | 9 | 1020 | <10 | 0.08 | Clearer than usual, feels warm | |
| 30/9/09 | 5.8 | 52 | 10.5 | 8 | 1240 | <10 | 0.08 | 2/3 less flow than last 8 months | |
| 6/11/09 | 5.0 | 49 | 14 | 7 | 1450 | <10 | 0.08 | v. low flow, clear, EC highest in 2.4 yrs | |
| 12/12/09 | 4.8 | 50 | 17 | 6.5 | 1530 | <10 | - | v. low flow, clear, EC highest ever | |
| 11/2/10 | 5.1 | 55 | 19 | 7 | 710 | <10 | - | 60mm rain over w'end. Flowing, clear | |
| 12/3/10 | 7.4 | 72 | 14 | 6 | 1360 | 10 | 0.02 | Monitoring site fenced, tested Wolgan Rd | |

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|------------|---|---|------|------|-----------|---------|---|--|
| 26/9/12 | - | - | - | - | 860 | - | - | Flowing |
| 12/1/16 | - | - | - | - | 1320 | - | - | High flow |
| 9/3/16 | - | - | - | - | 1270 | - | - | |
| 10/4/16 | - | - | - | - | 1270 | - | - | |
| 3/05/16 | - | - | - | - | 1250 | - | - | |
| 2/5/16 | - | - | - | - | 1130 | - | - | Very high flow, grey |
| 1/9/17 | - | - | - | - | 1290-1300 | - | - | 1290 old metre, 1300 new metre |
| 17/4/18 | - | - | 23.2 | - | 1250 | - | - | |
| 17/5/2018 | - | - | - | - | 1250 | - | - | |
| 21/8/18 | - | - | - | - | 1230 | - | - | |
| 20/9/18 | - | - | - | - | 1230 | - | - | |
| 30/7/2019 | - | - | - | - | - | - | - | Not flowing. LDP9 stopped end June |
| 7/8/2019 | - | - | - | - | - | - | - | Not flowing |
| 4/12/2019 | - | - | - | - | - | - | - | Not flowing |
| 4/1/2020 | - | - | - | - | - | - | - | Not flowing |
| 10/2/2020 | - | - | - | - | >2000 | - | - | Flowing, approx. 50mm rain |
| 14/2/2020 | - | - | - | - | >2000 | - | - | Flowing, rotten egg gas odour |
| 19/2/2020 | - | - | - | - | >2000 | - | - | Flowing. 100mm rain past 2 weeks |
| 28/2/2020 | - | - | - | - | 1870 | - | - | Flowing, rotten egg gas odour |
| 2/3/2020 | - | - | - | - | - | - | - | Not flowing |
| 14/3/2020 | - | - | - | - | 1780 | - | - | Flowing 10am. Looks like it may have had higher flow overnight. No rain. |
| 24/3/2020 | - | - | - | 4.5 | 1850 | - | - | <i>Hunter Enviro Centre Monitoring</i> |
| 26/5/2021 | - | - | - | - | 250 | - | - | Minor flow |
| 28/4/2022 | - | - | - | - | 310 | - | - | Low flow |
| 27/9/2023 | - | - | - | - | 350 | - | - | Barely flowing |
| 4/04/2024 | - | - | - | - | 220 | - | - | Flowing |
| 4/05/2024 | - | - | - | - | 120 | - | - | Lowest EC ever. More flow than usual |
| 26/7/2024 | - | - | - | - | 190 | 150-200 | - | Very turbid, high flow |
| 23/9/2024 | - | - | - | - | 170 | - | - | Low flow |
| 21/11/2024 | - | - | - | - | 250 | 10 | - | Slight flow |
| 2/12/2024 | - | - | - | - | 240 | 30 | - | 110mm rain past 72hrs |
| 31/1/2025 | - | - | - | - | 210 | <10 | - | Slight flow |
| 16/4/2025 | - | - | - | - | 450 | <10 | - | Creekbed scoured, as if there's been a high flow recently |
| 30/5/2025 | - | - | - | - | 260 | <10 | - | 70mm rain last 7 days |
| 28/10/2025 | | | 10.4 | 7.17 | 128.5 | | | TDS 91.6ppm. 0.06ppt |

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|----------|---|----------------|-------------|-------------|--------------|-------------|------------|-------------|-------------|---|
| | | 5/05/2026 | | | 12.2 | 7.15 | 287 | 100 | | TDS 205ppm. 0.14ppt.V'turbid yellow |
| 4 | Springvale Creek, Castlereagh Hwy, Wallerawang (downstream Springvale Colliery pit- top) -33.401884 150.094054 Altitude: 885.82m | 19/10/06 | 6.8 | 64 | 18 | 9 | 1010 | 20 | - | Flowing well |
| | | 5/11/06 | 8.6 | 86 | 14 | 8 | 1080 | 15 | - | Flowing well |
| | | 23/11/06 | 2.5 | 30 | 31 | 9 | 1230 | 80 | - | Very muddy |
| | | 28/12/06 | 7.2 | 81 | 21 | 9 | 1180 | 30 | 0.04 | Not flowing |
| | | 24/1/07 | 5.6 | 64 | 21.5 | 8 | 780 | 60 | 0.16 | 38mm rain |
| | | 12/4/07 | 9.4 | 96 | 15.5 | 9 | 1010 | 20 | 0.02 | Water dirty |
| | | 15/5/07 | 8.15 | 93.7 | 12.79 | 8.10 | 982 | 12.7 | 0.02 | SCA Field Data |
| | | 17/5/07 | 6.6 | 63 | 13 | 8.5 | 860 | 15 | 0.07 | 18mm rain, water grey, no frogs |
| | | 30/6/07 | 7.0 | 57 | 7.5 | 7 | 360 | 20 | 0.06 | 200mm+ June |
| | | 28/7/07 | 9.1 | 80 | 8.5 | 7.5 | 350 | 20 | 0.04 | Green algae on creekbed |
| | | 28/8/07 | 10.9 | 99 | 10 | 9.5 | 310 | 20 | 0.01 | 25mm rain. Green algae. No frogs |
| | | 24/9/07 | 9.7 | 93 | 13 | 8 | 290 | 15 | 0.06 | Green/milky colour, odour, algae |
| | | 30/10/07 | 6.5 | 68 | 16.5 | 7 | 320 | 20 | 0.08 | 29mm rain, less algae than usual |
| | | 4/11/07 | - | - | - | - | 340 | 100 | - | Turbidity after 50mm storm overnite |
| | | 30/11/07 | 4.7 | 49 | 17 | 6.5 | 290 | 30 | 0.07 | 150mm rain Nov, muddy, water weed |
| | | 31/12/07 | 5.8 | 66 | 20.5 | 7.5 | 320 | <10 | 0.06 | Lots water weed, looks stagnant |
| | | 28/1/08 | 4.7 | 52 | 19 | 7 | 380 | 15 | 0.07 | No flow, muddy, weedy, no frogs |
| | | 2/3/08 | 6.4 | 62 | 13 | 7 | 390 | 10 | 0.06 | 71 mm rain during week, weedy |
| | | 1/4/08 | 5.0 | 49 | 13 | 7 | 250 | 15 | 0.09 | Muddy, weedy, barely flowing |
| | | 29/5/08 | 5.9 | 50 | 8 | 7 | 200 | 10 | 0.03 | 15mm rain o'nite, slight flow, weedy |
| | | 31/7/08 | 7.8 | 59 | 4 | 7 | 410 | <10 | - | Slight flow, not as turbid or weedy |
| | | 30/9/08 | 6.6 | 64 | 14 | 7.5 | 440 | <10 | 0.09 | Slight flow, algae & weeds, no frogs |
| | | 31/10/08 | 8.6 | 100 | 21 | 8 | 470 | 15 | 0.09 | Slight flow, weedy |
| | | 28/1/09 | 6.2 | 68 | 19 | 8 | 810 | 30 | 0.07 | Much higher flow, yellow muddy, Tortoise |
| | | 1/3/09 | 3.3 | 30 | 16 | 8.5 | 820 | 50 | 0.11 | Flowing, milky-yellow-clayey colour |
| | | 30/3/09 | 7.8 | 77 | 14.5 | 8 | 860 | 50 | 0.10 | Highest flow yet, yellow clayey colour |
| | | 29/4/09 | 8.1 | 72 | 10 | 8.5 | 610 | 20 | - | Slight flow, not as muddy as last month |
| | | 31/5/09 | 6.4 | 55 | 9 | 7 | 560 | 20 | - | Muddy yellow, stringy algae, no flow |
| | | 28/6/09 | - | - | 8 | 7 | 550 | 20 | - | Green-grey, v. slight flow, some frog calls |
| | | 28/7/09 | - | - | 8 | 6.5 | 490 | 20 | - | Flowing, yellow muddy |
| | | 1/9/09 | 6.8 | 56 | 7 | 7.5 | 490 | 10 | 0.07 | Murky, weedy |
| | | 30/9/09 | 7.9 | 71 | 10.5 | 8.5 | 960 | 10 | 0.10 | Flowing, murky, weedy, EC is high |
| | | 7/11/09 | 5.6 | 56 | 15.5 | 8 | 990 | <10 | 0.28 | Murky but clear, EC highest in 2.5 yrs |
| | | 12/12/09 | 7.1 | 73 | 17 | 8 | 990 | 10 | - | Highest flow ever, clear, weedy |
| | | 11/2/10 | 7.4 | 80 | 19 | 8.5 | 890 | 15 | - | 60mm rain over w'end, stringy algae |

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|----------|--|-----------|------|------|-------|------|-------|------|---------------------------------------|---------------------------------------|---|
| | | 12/3/10 | 9.2 | 91 | 15 | 8 | 940 | <10 | 0.03 | Flowing, green algae on bottom, weedy | |
| | | 4/04/2024 | - | - | - | - | 390 | - | - | Low flow | |
| | | 22/5/2026 | | | 9.8 | 7.5 | 503 | <10 | | TDS 358 ppm. 0.26 ppt. No flow | |
| | | | | | | | | | | | |
| 5 | Wangcol Creek Castlereagh Hwy, Blackmans Flat - downstream Mt Piper Power Station Point 12, coal stockpile, coal-ash & brine disposal areas. Upstream NOW212055 -33.350532 150.042075 Altitude: 921.16m | 19/10/06 | 4.3 | 43 | 20 | 7 | 1460 | 40 | - | | |
| | | 4/11/06 | 4.6 | 46 | 16.5 | 8 | 1430 | 50 | - | | 30mm rain |
| | | 18/11/06 | 6.7 | 70 | 18 | 7 | 230 | 20 | - | | Delta freshwater discharge |
| | | 25/1/07 | 4.9 | 63 | 28 | 7 | 280 | 60 | 0.06 | | 38mm rain |
| | | 4/2/07 | - | - | - | - | 390 | - | - | | |
| | | 12/4/07 | 5.7 | 58 | 18 | 8 | 570 | 15 | 0.00 | | |
| | | 21/4/07 | - | - | - | - | 580 | - | - | | |
| | | 22/4/07 | 5.5 | 60 | 19 | 8 | >1999 | 20 | 0.16 | | |
| | | 23/4/07 | - | - | - | - | >1999 | - | - | | 2.5mm rain |
| | | 24/4/07 | - | - | - | - | >1999 | - | - | | |
| | | 25/4/07 | - | - | - | - | >1999 | - | - | | |
| | | 26/4/07 | - | - | - | - | >1999 | - | - | | 1mm rain |
| | | 27/4/07 | - | - | - | - | >1999 | - | - | | |
| | | 29/4/07 | - | - | - | - | >1999 | - | - | | 18mm rain |
| | | 30/4/07 | - | - | - | - | >1999 | - | - | | |
| | | 1/5/07 | - | - | - | - | >1999 | - | - | | Note: POEO Non-compliance April 2007 for "Uncontrolled discharge into Neubecks Creek from Mount Piper cooling tower #1 following blockage of filter screens." |
| | | 3/5/07 | - | - | - | - | 1760 | - | - | | |
| | | 6/5/07 | - | - | - | - | 1600 | - | - | | |
| | | 15/5/07 | 7.67 | 85.8 | 12.49 | 7.48 | 600 | 23.5 | <0.005 | | SCA Field Data |
| | | 17/5/07 | - | - | - | - | 610 | - | - | | 3mm rain, v.muddy |
| | | 26/5/07 | - | - | - | - | 310 | - | - | | 48mm rain, v. muddy |
| | | 30/6/07 | 7.6 | 63 | 7 | 7.5 | 250 | 15 | 0.06 | | 34mm, muddy, 200mm+June |
| | | 19/7/07 | - | - | - | - | 460 | 40 | - | | v. muddy grey, no frog calls |
| 29/7/07 | 6.6 | 53 | 6 | 7 | 530 | 10 | 0.04 | | Slightly muddy grey, no frog calls | | |
| 28/8/07 | 6.7 | 61 | 12 | 7 | 420 | 60 | 0.02 | | 25mm rain, v. muddy, no frog calls | | |
| 27/9/07 | 4.8 | 48 | 13 | 7 | 520 | 60 | 0.04 | | v. dirty brown, no frog calls | | |
| 11/10/07 | - | - | 15 | 6 | 610 | 100 | - | | v. dirty grey/brown | | |
| 30/10/07 | 6.3 | 67 | 17.5 | 7 | 440 | 30 | 0.06 | | 29mm rain. dirty brown. No frog calls | | |
| 4/11/07 | - | - | - | - | - | 400 | - | | Turbidity after 50mm storm overnite | | |

| | | | | | | | | |
|-----------|-----|----|------|-----|-----|-----|------|---|
| 30/11/07 | 8.1 | 86 | 17.5 | 7 | 170 | 200 | 0.01 | 150mm rain Nov, v.dirty brown/grey |
| 31/12/07 | 3.2 | 35 | 19 | 6.5 | 230 | 60 | 0.07 | Muddy brown, no frogs |
| 20/1/08 | - | - | 17 | 7 | 190 | 400 | - | v. muddy after 70mm rain o'nite |
| 28/1/08 | 6.9 | 73 | 17.5 | 7 | 250 | 300 | 0.12 | v. muddy, light flow, no frogs |
| 2/3/08 | 7.7 | 82 | 18 | 7 | 220 | 300 | 0.02 | v. muddy, 71 mm rain during week |
| 2/4/08 | 6.8 | 67 | 14 | 7 | 300 | 80 | 0.01 | v. muddy |
| 29/5/08 | 6.8 | 58 | 8 | 7 | 340 | 80 | 0.02 | 15mm rain o'nite, very muddy |
| 30/7/08 | 7.0 | 57 | 6 | 7 | 520 | 80 | - | v. muddy, flowing, no frogs |
| 30/9/08 | 5.8 | 54 | 12 | 7 | 350 | 80 | 0.03 | v. muddy, flowing, no frogs |
| 31/10/08 | 4.7 | 50 | 17 | 6.5 | 330 | 80 | 0.09 | v. muddy, flowing |
| 25/1/09 | 4.1 | 48 | 20 | 7 | 500 | 40 | 0.05 | v. muddy, flowing |
| 25/2/09 | 5.7 | 64 | 20 | 7 | 280 | 200 | 0.00 | v. muddy, flowing, 30mm rain 7 days |
| 1/4/09 | 5.4 | 55 | 16 | 7 | 410 | 40 | - | v. muddy, flowing, 20mm o/nite |
| 29/4/09 | 6.5 | 58 | 10.5 | 7 | 370 | 20 | - | Flowing, muddy but not as bad as before |
| 31/5/09 | 6.5 | 56 | 9 | 7 | 480 | 50 | - | Flowing, muddy grey |
| 28/6/09 | - | - | 7 | 7 | 480 | 60 | - | Flowing, muddy grey |
| 28/7/09 | - | - | 8 | 7 | 400 | 60 | - | Flowing, grey muddy |
| 1/9/09 | 6.2 | 52 | 8 | 7 | 360 | 60 | 0.05 | Flowing, v. muddy, no frog calls |
| 30/9/09 | 6.7 | 64 | 13 | 8 | 410 | 30 | 0.05 | No flow, muddy, level lower than usual |
| 6/11/09 | 5.6 | 58 | 17 | 7.5 | 410 | 20 | 0.15 | Grey, muddy, no aquatic life visible |
| 12/12/09 | 4.6 | 50 | 19 | 7.5 | 460 | 40 | - | Muddy, low level, not flowing |
| 11/2/10 | 5.3 | 58 | 20 | 7 | 240 | 200 | - | 60mm rain, V. muddy, flowing |
| 12/3/10 | 7.3 | 72 | 14.5 | 7 | 510 | 100 | 0.02 | V. muddy, flowing |
| 26/9/12 | - | - | - | - | 540 | - | - | V. muddy |
| 12/9/14 | - | - | 14 | 7 | 290 | 150 | - | V. muddy |
| 24/5/15 | - | - | - | - | 400 | - | - | V. muddy |
| 12/1/16 | - | - | - | - | 290 | - | - | V. muddy |
| 09/02/16 | - | - | - | - | 340 | - | - | V. muddy |
| 09/03/16 | - | - | - | - | 450 | - | - | V. muddy |
| 10/4/16 | - | - | - | - | 380 | - | - | V. muddy |
| 3/05/16 | - | - | - | - | 450 | - | - | Less muddy than usual |
| 17/5/2018 | - | - | - | - | 410 | - | - | |
| 7/8/2019 | - | - | - | - | 530 | - | - | |
| 4/12/2019 | - | - | - | - | 440 | - | - | |
| 5/1/2020 | - | - | 24 | - | 640 | - | - | Very low level, no flow. Very turbid |
| 28/9/2023 | - | - | - | - | 610 | - | - | Murky |
| 2/03/2024 | - | - | - | - | 350 | - | - | Turbid |

| | | | | | | | | | | |
|------------|---|----------------|-------------|-------------|-------------|-------------|-------------|--|-----------------|-----------------------|
| 4/04/2024 | - | - | - | - | 330 | - | - | Grey turbid | | |
| 4/05/2024 | - | - | - | - | 450 | - | - | Turbidity not as bad as usual | | |
| 26/7/2024 | - | - | - | - | 410 | - | - | Very turbid | | |
| 21/11/2024 | - | - | - | - | 290 | 65 | - | Turbid | | |
| 2/12/2024 | - | - | - | - | 190 | 380 | - | Very turbid, photos taken | | |
| 31/1.2025 | - | - | - | - | 420 | <10 | - | 1st time ever its not turbid | | |
| 28/2/2025 | - | - | - | - | 450 | 15 | - | Slightly turbid | | |
| 16/4/2025 | - | - | - | - | 390 | <10 | - | | | |
| 30/5/2025 | - | - | - | - | 250 | 55 | - | Turbid | | |
| 29/7/2025 | | | 8.7 | | 267 | | | 25mm rain last 7 days. Turbid | | |
| 1/09/2025 | | | 8.4 | 7.7 | 340 | | | TDS 241ppm. 0.17ppt. Turbid | | |
| 22/9/2025 | - | - | 12.8 | 7.7 | 390 | | | TDS 276ppm. 0.19ppt. | | |
| 28/10/2025 | | | 14 | 7.5 | 534 | | | TDS 378ppm. 0.27ppt | | |
| 10/11/2025 | | | 15.2 | 7.5 | 499 | | | TDS 354 ppm. 0.25 ppt | | |
| 2/12/2025 | | | 13.8 | 7.54 | 494 | | | TDS 351 ppm. 0.25 ppt | | |
| 22/5/2026 | | | 11.1 | 7.91 | 423 | 35 | | TDS 300. 0.21 ppt. Turbid | | |
| | | | | | | | | | | |
| 6 | Neubeck's Creek (Wangcol Creek), Castlereagh Hwy, Blackman's Flat (downstream Mt Piper Power station & NOW 212055) -33.361411 150.058089 Altitude: 906m | 19/10/06 | 4.5 | 45 | 17 | 7 | 1320 | <10 | - | |
| | | 4/11/06 | 4.5 | 45 | 15 | 7 | 1450 | <10 | - | 30mm rain |
| | | 18/11/06 | 4.8 | 47 | 15 | 7 | 990 | <10 | 0.02 | |
| | | 31/12/06 | 5.1 | 55 | 19 | 8 | 1390 | <10 | 0.02 | 12mm rain |
| | | 25/1/07 | 4.4 | 50 | 23 | 8 | 1520 | <10 | 0.05 | 38mm rain |
| | | 12/4/07 | 3.9 | 36 | 15 | 7 | 930 | <10 | 0.01 | |
| | | 23/4/07 | 5.8 | 56 | 14 | 6 | 520 | 15 | 0.05 | 2.5mm rain |
| | | 24/4/07 | - | - | - | - | 1230 | - | - | |
| | | 25/4/07 | - | - | - | - | 1590 | - | - | 1mm rain |
| | | 26/4/07 | 2.8 | 28 | 13.5 | 7 | 1620 | <10 | 0.04 | |
| | | 27/4/07 | - | - | - | - | 1610 | - | - | |
| | | 28/4/07 | - | - | - | - | 1590 | - | - | |
| | | 29/4/07 | - | - | - | - | 1570 | - | - | 18mm rain |
| | | 30/4/07 | - | - | - | - | 1550 | - | - | |
| | | 1/5/07 | - | - | - | - | 1530 | - | - | |
| | | 3/5/07 | - | - | - | - | 1540 | - | - | |
| | | 10/5/07 | - | - | - | - | 1450 | - | - | 2mm rain |
| | | 15/5/07 | 5.68 | 60.2 | 9.97 | 7.07 | 1560 | 1.6 | <0.01 | SCA Field Data |
| | | 17/5/07 | - | - | - | - | 1430 | - | - | 3mm rain |
| | | 1/6/07 | - | - | - | - | 750 | - | - | 48mm rain, 200m+ June |

| | | | | | | | | |
|----------|-----|----|------|-----|-----------|-----|------|---|
| 14/6/07 | - | - | - | - | 270 | - | - | 88mm, v. muddy |
| 30/6/07 | 6.4 | 52 | 7 | 7 | 240 | 30 | 0.06 | 30mm, v. muddy |
| 19/7/07 | - | - | - | - | 360 | - | - | Slightly milky, iced over |
| 29/7/07 | 4.5 | 36 | 6.5 | 6 | 580 | 10 | 0.03 | Slight grey/green |
| 17/8/07 | - | - | - | - | 550 | <10 | - | 8mm rain yesterday |
| 28/8/07 | 5.5 | 48 | 9 | 6 | 490 | <10 | 0.02 | |
| 27/9/07 | 4.4 | 42 | 11 | 6 | 1050 | <10 | 0.03 | Clear, possibly Gambusia |
| 30/10/07 | 4.3 | 44 | 16 | 7 | 1180 | <10 | 0.03 | 29mm rain. Slight oil slick, no frogs |
| 4/11/07 | - | - | - | - | - | 300 | - | Turbidity after 50mm storm overnight |
| 30/11/07 | 4.3 | 44 | 16 | 6.5 | 270 | 20 | 0.03 | 150mm rain Nov, muddy |
| 31/12/07 | 2.9 | 31 | 19 | 6 | 280 | <10 | 0.03 | Poss. Gambusia, 2 wood ducks |
| 28/1/08 | 3.6 | 38 | 18 | 6 | 260 | 15 | 0.06 | Gambusia, muddy, no frogs |
| 2/3/08 | 4.7 | 46 | 14 | 6 | 260 | 20 | 0.05 | 71 mm rain during week |
| 2/4/08 | 3.8 | 36 | 13 | 6 | 350 | 10 | 0.05 | Muddy, poss. Gambusia |
| 29/5/08 | 4.8 | 39 | 7 | 6.5 | 410 | <10 | 0.03 | 15mm rain o'nite, grey/green |
| 30/7/08 | 5.1 | 43 | 7 | 6 | 590 | <10 | - | Clearer than usual, no frogs |
| 30/9/08 | 4.7 | 45 | 13 | 6 | 380 | <10 | 0.05 | Possibly Gambusia, no frogs |
| 31/10/08 | 3.0 | 34 | 17 | 6 | 380 | <10 | 0.09 | Looks clear, Gambusia |
| 25/1/09 | 2.8 | 30 | 20 | 6 | 540 | <10 | 0.04 | Clear, Gambusia, Eastn WaterDragon |
| 25/2/09 | 4.1 | 46 | 20 | 6.5 | 280 | 20 | 0.07 | Yellow-muddy, 30mm rain last 7days |
| 29/4/09 | 4.8 | 43 | 10 | 6.5 | 670 | <10 | - | Flowing, clear |
| 31/5/09 | 5.7 | 49 | 9 | 6.5 | 480 | <10 | - | Reasonably clear, flowing |
| 28/6/09 | - | - | 8 | 6 | 580 | <10 | - | Flowing, clear, poss. gambusia |
| 28/7/09 | - | - | 7.5 | 6 | 470 | 10 | - | Slightly murky, no fish or macros |
| 1/9/09 | 6.0 | 51 | 8 | 7 | 420 | 10 | 0.05 | Slightly murky |
| 30/9/09 | 5.1 | 46 | 11 | 7 | 930 | 10 | 0.08 | Slight murky, EC higher than usual |
| 6/11/09 | 3.8 | 39 | 16.5 | 7 | 1290 | 10 | 0.13 | EC highest in 2.5yrs (since 3/5/07) |
| 12/12/09 | 3.8 | 41 | 19 | 7 | 1370 | 15 | - | Milky, poss. Gambusia |
| 11/2/10 | 3.4 | 37 | 20 | 6.5 | 230 | 15 | - | 60mm rain, flowing, 2 water dragons |
| 12/3/10 | 5.4 | 54 | 15.5 | 6 | 730 | <10 | 0.01 | Flowing clear, 1 water dragon |
| 26/9/12 | - | - | - | - | 830 | - | - | Milky-blue, but reasonably clear |
| 24/5/15 | - | - | - | - | 750 - 900 | - | - | 750 one spot, 900 another, bluey clear |
| 12/1/16 | - | - | - | - | 720 | - | - | Clear |
| 09/02/16 | - | - | - | - | 1170 | - | - | Clear, <i>NOW Gauge 212055 = 960 ???</i> |
| 9/03/16 | - | - | - | - | >1999 | - | - | Clear |
| 10/4/16 | - | - | - | - | >1999 | - | - | Mt Piper ash dump sprinklers going. Salt visible in drain along highway |

| | | | | | | | | |
|------------|---|---|------|------|--------|-----|---|--|
| 18/4/16 | - | - | - | - | >1999 | - | - | Salt still visible, still flowing thru drain |
| 3/05/16 | - | - | - | - | >1999 | - | - | Blue/grey colour though clear |
| 25/2/17 | - | - | - | - | >1999 | - | - | <i>NOW Gauge 212055 = 1777 ???</i> |
| 16/10/17 | - | - | - | - | >1999 | - | - | <i>NOW Gauge 212055 = 1006 ???</i> |
| 23/11/17 | - | - | 21.4 | 7.49 | 1250 | - | - | New meter: TDS 124ppm |
| 17/4/18 | - | - | 18.2 | - | >1999 | - | - | <i>NOW Gauge 212055 = 1,206 ???</i> |
| 17/5/2018 | - | - | - | - | >1999 | - | - | Visibly flowing |
| 4/12/2019 | - | - | - | - | >1999 | - | - | <i>NOW Gauge 212055 = 2828 at 10:30am 04/12/2019</i> |
| 4/1/2020 | - | - | 24 | - | >1999 | - | - | <i>NOW Gauge 212055: EC @ 25C (uS/cm) = 0 at 12:30 04/01/2020???</i> |
| 9/2/2020 | - | - | - | - | 4165.9 | - | - | Highest <i>NOW Gauge 212055</i> |
| 24/3/2020 | - | - | - | - | >1999 | - | - | Murky |
| 26/5/2021 | - | - | - | - | >1999 | - | - | Blue/grey |
| 28/9/2023 | - | - | - | - | >1999 | - | - | Blue/grey but clear |
| 2/11/2023 | - | - | 11.8 | - | 2969 | - | - | <i>NOW Gauge 212055. 02:45am. Max recorded 4165 EC on 9/2/2020</i> |
| 2/03/2024 | - | - | - | - | 1090 | - | - | <i>NOW Gauge 212055 = 1249 μS/cm @25C 04:45am. 1st LEG record under 2000 EC since 23/11/2017</i> |
| 4/04/2024 | - | - | - | - | 1490 | - | - | <i>NOW 212055 = 1266.8 μS/cm 10:45</i> |
| 4/05/2024 | - | - | 10.9 | - | 1200 | - | - | <i>NOW 212055 = 1349.3 μS/cm 06:45</i> |
| 26/7/2024 | - | - | 8.1 | - | 1510 | - | - | <i>NOW 212055 = 1359.9 uS/cm 16:45 Variable EC readings 1470-1560EC</i> |
| 23/9/2024 | - | - | 13.2 | - | 2350.2 | - | - | <i>NOW 212055. 12:45</i> |
| 21/11/2024 | - | - | 22 | - | 1190 | 10 | - | <i>NOW 212055 1136.3 12:45</i> |
| 2/12/2024 | - | - | - | - | 360 | 100 | - | <i>NOW 212055 326.8EC</i> |
| 31/1/2025 | - | - | - | - | 1050 | <10 | - | <i>NOW 212055 1157EC 17:45 Solanum rostratum – 1st record LGA</i> |
| 28/2/2025 | - | - | - | - | 980 | <10 | - | <i>NOW 212055 1106.5EC 09:45</i> |
| 13/3/2025 | - | - | 16.8 | - | 2039.9 | - | - | <i>NOW 212055 07:45 (see below)</i> |
| 16/4/2025 | - | - | - | - | 1810 | <10 | - | <i>NOW 212055 2853.3EC 05:45</i> |
| 30/5/2025 | - | - | 6.1 | - | 560 | <10 | - | <i>NOW 212055 505.5EC 05:45</i> |
| 29/7/2025 | | | 7 | 7.95 | 538 | | | 25mm rain last 7 days <i>NOW 212055 509.3EC 16:45</i> |
| 1/09/2025 | - | - | 7.7 | 7.53 | 481 | | | TDS 341 ppm. 0.24ppt. <i>NOW 320</i> |
| 22/9/2025 | - | - | 13.4 | 7.5 | 554 | | | TDS 394ppm. 0.28 ppt. <i>NOW 550</i> |

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|------------|--|--|------|------|-------|-----|--|--|
| 28/10/2025 | | | 14 | 7.3 | 1645 | | | TDS 1.17ppt (1,170ppm). 0.27ppt. <i>NOW212055 2,055.1EC</i> |
| 10/11/2025 | | | 17.8 | 7.44 | 1378 | | | TDS 980ppm. 0.7ppt. <i>NOW1221.2 EC@07:45.</i> |
| 2/12/2025 | | | 15.8 | 7.4 | 2,890 | <10 | | TDS 2,060 ppm. 1.45 ppt. <i>NOW 3,025 EC @04:45</i> |
| 9/12/2025 | | | 24.8 | 7.55 | 2,970 | <10 | | TDS 2,110 ppm. 1.49 ppt. <i>NOW 3,267.9 EC @14:45</i> |
| 14/01/2026 | | | | | 1,609 | <10 | | <i>NOW212055 1,596.8 EC @12:45</i> |
| 27/1/2026 | | | 23.9 | 7.29 | 1,605 | <10 | | TDS 1,140 ppm. 0.81 ppt |
| 8/02/2026 | | | 22.6 | 7.4 | 2,110 | <10 | | <i>NOW212055 2,829.1 EC @09:00</i> |
| 31/3/2026 | | | 14.7 | 7.6 | 601 | <10 | | TDS 423ppm. 0.30ppt. <i>NOW212055 581.3 EC @13:45</i> |
| 5/05/2026 | | | 11.9 | 7.59 | 1,396 | 10 | | TDS 985 ppm. 0.70 ppt. 13mm rain <i>NOW212055 1509.9 EC @09:45</i> |

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|----------|---|----------------|-------------|--------------|--------------|-------------|------------|-----------------------|-----------------|--|
| 7 | Cox's River Maddox Lane, Lidsdale Downstream of Wangcol/Neubecks Ck, Sawyers Swamp Creek, and Kangaroo Creek inflows. Upstream of Thompsons Creek Reservoir (TCR) - Springvale Transfer discharges into Pipers Flat Creek & Coxs R. -33.379998 150.079918 Altitude: 883m | 5/11/06 | 6.6 | 64 | 15 | 8 | 1080 | <10 | 0.03 | 30mm rain |
| | | 19/10/06 | 6.6 | 66 | 22 | 8 | 1010 | 10 | - | Slight cloudy, brown algae on c'bed |
| | | 18/11/06 | 6.8 | 70 | 16.5 | 8 | 1010 | 40 | 0.04 | Very muddy despite no rain |
| | | 28/12/06 | 5.6 | 66 | 24 | 8 | 1050 | <10 | 0.05 | |
| | | 26/1/07 | 6.0 | 60 | 28 | 8 | 1050 | <10 | - | 38mm, dead shrimps /striders/water snails |
| | | 12/4/07 | 7.0 | 74 | 17.5 | 8 | 910 | <10 | 0.03 | Slightly muddy, algal film on c'bed |
| | | 10/5/07 | - | - | - | - | 1090 | - | - | 2mm rain |
| | | 15/5/07 | 8.85 | 101.5 | 14.46 | 8.33 | 972 | 0.5 | <0.01 | SCA Field Data |
| | | 26/5/07 | - | - | - | - | 930 | - | - | 48mm rain |
| | | 1/6/07 | - | - | - | - | 890 | - | - | 8mm rain |
| | | 14/6/07 | - | - | - | - | 730 | - | - | 88mm rain, muddy |
| | | 30/6/07 | 6.0 | 50 | 7.5 | 7 | 580 | 30 | 0.07 | no frogs, 200mm+ rain June |
| | | 28/7/07 | 6.4 | 54 | 8 | 7 | 640 | <10 | 0.06 | Brown muck on creek bed |
| | | 27/8/07 | 6.3 | 59 | 12.5 | 7.5 | 630 | <10 | 0.03 | 25mm rain, mud on creekbed, some frogs |
| | | 7/9/07 | - | - | 10.5 | 7.5 | 640 | <10 | - | Flow less than usual, some frog calls |
| | | 24/9/07 | 7.1 | 68 | 12.5 | 7 | 720 | <10 | 0.11 | Flow low, fine brown silt on creekbed |
| | | 11/10/07 | - | - | 15 | 7 | 860 | <10 | - | Possibly Gambusia, silt on creekbed |
| | | 30/10/07 | 7.4 | 86 | 21.5 | 7.5 | 910 | <10 | 0.07 | 29mm rain. Possibly gambusia. |
| | | 4/11/07 | - | - | - | - | 610 | 100 | - | Turbidity after 50mm storm overnite |
| | | 30/11/07 | 6.1 | 64 | 18 | 7 | 540 | 30 | 0.01 | 150mm rain Nov, yellow/milky |
| 31/12/07 | 6.9 | 82 | 25.5 | 7 | 610 | <10 | 0.06 | Brown Trout, Gambusia | | |

| | | | | | | | | |
|----------|-----|----|------|-----|------|-----|------|--|
| 28/1/08 | 5.6 | 64 | 22 | 7.5 | 550 | <10 | 0.07 | Clear, flowing well, brown trout |
| 2/3/08 | 5.8 | 58 | 15 | 7 | 510 | <10 | 0.07 | 71mm rain during week, good flow |
| 2/4/08 | 6.8 | 70 | 17 | 7 | 620 | <10 | 0.06 | Poss. Gambusia, 1 brown trout |
| 29/5/08 | 7.1 | 62 | 10 | 7 | 840 | <10 | 0.03 | 15mm rain o'nite, 2 brown trout |
| 30/7/08 | 7.0 | 59 | 8.5 | 7 | 800 | <10 | - | Flowing, clear, no frogs |
| 30/9/08 | 6.0 | 61 | 16 | 7 | 680 | <10 | 0.08 | Flowing, clear, no frogs |
| 31/10/08 | 6.2 | 71 | 21 | 7.5 | 650 | <10 | 0.04 | Flowing, clear |
| 25/1/09 | 5.2 | 60 | 22.5 | 8 | 720 | <10 | 0.06 | Flowing, clear, Gambusia |
| 25/2/09 | 5.5 | 60 | 20 | 8 | 830 | 20 | 0.09 | Springvale Transfer begun , muddy |
| 3/3/09 | - | - | 19.5 | - | 870 | 20 | - | High flow, more grey than yellow |
| 1/4/09 | 5.7 | 60 | 18 | 8 | 870 | 10 | - | High flow, grey, froth, 18mm o/nite |
| 29/4/09 | 7.1 | 70 | 14.5 | 8 | 990 | 150 | - | V. muddy, higher flow than usual |
| 31/5/09 | 5.9 | 57 | 14 | 8.5 | 1040 | 15 | - | Grey, 5 ⁰ warmer than other cks today |
| 28/6/09 | 5.3 | | 13.5 | 8.5 | 1100 | 15 | - | Grey, 6 ⁰ warmer, poss. gambusia |
| 23/7/09 | - | - | 11 | 8 | 1040 | 15 | - | Grey, froth, warm |
| 31/8/09 | 6.4 | 61 | 13 | 8.5 | 940 | <10 | 0.05 | Feels warm (5 ⁰ warmer than upstream) |
| 30/9/09 | 6.6 | 68 | 17 | 8 | 870 | <10 | 0.10 | 2/3 <u>less flow</u> than last 8 months |
| 6/11/09 | 6.4 | 67 | 17.5 | 8 | 1020 | <10 | 0.13 | No aquatic life/frogs visible or audible |
| 12/12/09 | 7.2 | 82 | 22 | 8 | 1080 | <10 | 0.23 | Lowest flow in 3 years, Gambusia |
| 11/2/10 | 5.8 | 67 | 22.5 | 7 | 510 | 40 | - | 60mm rain over w'end, muddy |
| 12/3/10 | 7.2 | 75 | 17 | 7.5 | 840 | <10 | 0.02 | Flowing, clear |
| 11/3/11 | - | - | - | - | 790 | <10 | - | Flowing well, clear, a tortoise |
| 26/9/12 | - | - | - | - | 940 | - | - | Bluey grey and murky |
| 25/5/14 | - | - | - | - | 1080 | - | - | Very high flow despite no rain |
| 4/8/15 | - | - | - | - | 1110 | - | - | Very high flow |
| 30/10/15 | - | - | - | - | 1280 | - | - | High flow |
| 24/11/15 | - | - | - | - | 1230 | - | - | Medium flow |
| 30/11/15 | - | - | - | - | 1250 | - | - | |
| 12/1/16 | - | - | - | - | 1290 | - | - | High flow |
| 09/02/16 | - | - | - | - | 1280 | - | - | 200mm rain Jan, (1241 WaterInfo) |
| 09/03/16 | - | - | - | - | 1270 | - | - | |
| 10/4/16 | - | - | - | - | 1290 | - | - | Higher than Sawyers (LDP9) 1270 |
| 03/05/16 | - | - | - | - | 1400 | - | - | Higher than Sawyers (LDP9) 1250 <i>NOW Gauge 212054: 1,348us/cm</i> |
| 28/6/16 | - | - | - | - | 1120 | - | - | Very high flow, highest I've seen, and no substantial rain. <i>NOW Gauge</i> <i>says 84ML/day and 1100EC</i> |

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|-----------|---|---|------|---|------|----|---|---|
| 2/7/16 | - | - | - | - | 1130 | - | - | Election Day. Very high flow still. <i>NOW Gauge: 68ML/day, 1115EC</i> |
| 3/9/16 | - | - | - | - | 1140 | - | - | <i>NOW Gauge 212054: 5,117 ML/day 862EC. 65mm in our rain gauge</i> |
| 20/1/17 | - | - | - | - | 1180 | - | - | |
| 16/2/17 | - | - | - | - | 1340 | - | - | Slightly less flow than usual |
| 25/2/17 | - | - | - | - | 1201 | - | - | |
| 1/9/17 | - | - | - | - | 1290 | - | - | <i>NOW Gauge 212054 = 1,072 ???</i> |
| 27/9/17 | - | - | - | - | 1250 | - | - | <i>NOW Gauge 21504 =</i> |
| 8/10/17 | - | - | - | - | 1240 | - | - | <i>NOW Gauge 21504 = 994 ???</i> |
| 16/10/17 | - | - | - | - | 1260 | - | - | <i>NOW Gauge 21504 = 1033 ???</i> |
| 20/12/17 | - | - | - | - | 1220 | - | - | <i>NOW Gauge 21504 = 1,013 ???</i> |
| 17/4/18 | - | - | 22.6 | - | 1350 | - | - | <i>NOW Gauge 21504 = 1112 ???</i> |
| 17/5/2018 | - | - | - | - | 1410 | - | - | |
| 21/8/18 | - | - | - | - | 1310 | - | - | <i>NOW Gauge 21504 = 1069 ???</i> |
| 20/9/18 | - | - | - | - | 1240 | - | - | <i>NOW Gauge 21504 = 1008 ???</i> |
| 19/05/19 | - | - | - | - | 1220 | - | - | |
| 30/7/2019 | - | - | - | - | 760 | - | - | Flow about 8-10M. LDP9 stopped |
| 7/8/2019 | - | - | - | - | 910 | - | - | EC rising again, despite Springvale LDP009 having stopped 30/6/19??? |
| 4/12/2019 | - | - | - | - | 1710 | -- | - | Highest level since recording began. <i>NOW Gauge 212054: no EC data in last 7 days.</i> |
| 3/1/2020 | - | - | - | - | 1730 | - | - | Low flow, 5 dead fish , 1 x30cm, 4 fingerlings. Another dead fish Main St Wallerawang. <i>NOW Gauge 212054: no EC data in last 7 days.</i> |
| 4/1/2020 | - | - | 27.5 | - | 1850 | - | - | 27.5°C, fishy odour, more dead trout fingerlings at The Point, Lake Wallace. <i>NOW Gauge 212054: no EC data in last 7 days.</i> |
| 5/1/2020 | - | - | 24 | - | 1870 | - | - | Flowing |
| 6/1/2020 | - | - | 22 | - | 1920 | - | - | Flowing |
| 7/1/2020 | - | - | 21 | - | 1930 | - | - | 3mm rain, 1 st since 23/11/2019 |
| 9/1/2020 | - | - | 23 | - | 1940 | - | - | Flowing, froth bubbles on surface |
| 10/1/2020 | - | - | 21 | - | 2108 | - | - | EPA testing. Our metre said 1950 |
| 19/2/2020 | - | - | - | - | 1560 | - | - | 100+mm rain last few weeks |
| 26/2/2020 | - | - | - | - | 1600 | - | - | Flowing, considerable rain upstream |

| | | | | | | | | | |
|------------|---|---|------|------|-------|---------|---|---|---|
| | | | | | | | | | <i>NOW Gauge 212054: no EC data in last 7 days</i> |
| 2/3/2020 | - | - | 21.5 | - | 1710 | - | - | - | Flowing |
| 14/3/2020 | - | - | - | - | 1880 | - | - | - | Flowing more than last time |
| 24/3/2020 | - | - | - | 6.8 | 1717 | - | - | - | <i>Hunter Enviro Centre Monitoring</i> |
| 26/5/2021 | - | - | - | - | 810 | - | - | - | Flowing very well |
| 17/4/2023 | - | - | - | - | 870 | - | - | - | Flowing well |
| 27/9/2023 | - | - | 17 | - | 1160 | - | - | - | Salinity rising again. Flowing well. |
| 11/12/2023 | - | - | - | - | 1140 | - | - | - | 60mm rain in past week |
| 21/2/2024 | - | - | - | - | 790 | - | - | - | 55mm rain last 2days |
| 2/03/2024 | - | - | - | - | 890 | - | - | - | 690EC Main St Wallerawang d'strm |
| 4/04/2024 | - | - | - | - | 1210 | - | - | - | <i>NOW 212054 d'strm = 843.3 15:15</i> |
| 4/05/2024 | - | - | - | - | 850 | - | - | - | <i>NOW 212054 d'strm = 611.0 07:30</i> |
| 26/7/2024 | - | - | - | - | 890 | 150-200 | - | - | V. muddy, high flow. <i>NOW 212054 d'strm = 455.5EC, 0.0 NTU 14:30</i> Reported to EPA, photos, sample |
| 23/9/2024 | - | - | 13 | 8 | 1130 | - | - | - | Flowing, clear. <i>NOW212054 997EC</i> |
| 21/11/2024 | - | - | - | - | 1570 | >10 | - | - | <i>NOW 212054 1003EC 13:00</i> |
| 2/12/2024 | - | - | - | - | 820 | 15 | - | - | 110mm rain past 72hrs |
| 31/1/2025 | - | - | - | - | 1270 | <10 | - | - | <i>Juncus articulatus</i> |
| 28/2/2025 | - | - | - | - | 1240 | 10 | - | - | Flowing, slightly murky |
| 16/4/2025 | - | - | - | - | 1540 | <10 | - | - | Flowing |
| 30/5/2025 | - | - | 8.4 | 7.7 | 1250 | 9.8 | - | - | <i>NOW 212054 840.7EC 07:00</i> |
| 29/7/2025 | - | - | 7.8 | 7.75 | 1210 | | | | 25mm rain last 7 days <i>NOW 212054 686.4EC 17:00</i> |
| 1/09/2025 | - | - | 9.1 | 7.05 | 713 | | | | TDS 507ppm. 0.36ppt. |
| 22/9/2025 | - | - | 14.1 | 7.1 | 668 | | | | TDS 475ppm. 0.33ppt. <i>NOW 482.2</i> |
| 28/10/2025 | | | 14.6 | 7.36 | 1,062 | | | | TDS 754ppm. 0.53ppt |
| 10/11/2025 | | | 18.3 | 7.48 | 1058 | | | | TDS 751ppm. 0.53ppt |
| 2/12/2025 | | | 15.7 | 7.54 | 1,333 | <10 | | | TDS 947 ppm. 0.67 ppt |
| 9/12/2025 | | | 24.2 | 7.6 | 1,592 | <10 | | | TDS 1130 ppm. 0.80 ppt |
| 14/01/2026 | | | | | 1,845 | <10 | | | |
| 27/01/2026 | | | | | 1,934 | | | | |
| 31/03/2026 | | | 16.3 | 7.6 | 1,468 | <10 | | | TDS 1040 ppm. 0.74 ppt |
| 7/04/2026 | | | 15.7 | 7.54 | 1,470 | <10 | | | TDS 1040 ppm. 0.74 ppt |
| 5/05/2026 | | | 12.6 | 7.55 | 1,448 | 22 | | | TDS 1,030 ppm. 0.73 ppt. Milk/grey. Photo taken. 13mm rain |
| 23/5/2026 | | | 12.7 | 7.56 | 1,607 | 10 | | | TDS 1,140 ppm. 0.80 ppt |

8

Marrangaroo Creek,
Great Western Hwy,
Marrangaroo

-33.437185
150.113519
Altitude: 914m

Due to poor access
recent testing has been
upstream at Site 8A –

-33.4317275
150.1388013

| | | | | | | | | |
|----------------|-------------|-------------|--------------|-------------|-----------|------------|-----------------|--------------------------------------|
| 24/9/06 | 7.6 | 75 | 14 | 7 | 40 | <10 | 0.03 | |
| 30/9/06 | 8.8 | 82 | 10 | 6.5 | 50 | <10 | 0.03 | |
| 27/12/06 | 6.6 | 76 | 21 | 8 | 60 | 15 | 0.11 | Turbidity rising |
| 24/1/07 | 6.3 | 72 | 22 | 6 | 70 | 15 | 0.06 | 40mm rain |
| 12/4/07 | 6.0 | 68 | 14 | 7 | 60 | <10 | 0.07 | |
| 3/5/07 | 5.0 | 50 | 15 | 7 | 50 | <10 | 0.04 | |
| 15/5/07 | 7.56 | 81.8 | 11.15 | 7.03 | 44 | 1.8 | <0.01 | SCA Field Data |
| 22/6/07 | 6.7 | 55 | 7 | 7 | 70 | <10 | 0.06 | 150mm rain |
| 26/7/07 | 6.6 | 55 | 7 | 7 | 90 | <10 | 0.04 | 1 platypus, brown trout |
| 31/8/07 | 8.1 | 70 | 9.5 | 7 | 60 | <10 | 0.02 | 25mm rain, slightly green, good flow |
| 24/9/07 | 5.1 | 47 | 11 | 7 | 50 | <10 | 0.02 | Water rat ate a baby platypus |
| 2/11/07 | 6.3 | 60 | 13 | 7 | 60 | <10 | 0.06 | Milky green |
| 4/11/07 | - | - | - | - | - | 40 | - | Turbidity after 50mm storm overnite |
| 30/11/07 | 5.7 | 57 | 14.5 | 7 | 40 | <10 | 0.04 | 150mm rain Nov, slight green tinge |
| 1/1/08 | 6.1 | 60 | 15 | 7 | 50 | <10 | 0.06 | Flowing very well, clear |
| 29/1/08 | 3.8 | 42 | 19 | 7 | 40 | <10 | 0.04 | Good flow, murky, 5 Platypus |
| 2/3/08 | 7.2 | 69 | 13 | 7 | 40 | <10 | 0.04 | 71 mm rain during week |
| 16/3/08 | - | - | - | - | - | - | - | 2 Platypus. tortoise |
| 1/4/08 | 6.9 | 63 | 11.5 | 7 | 60 | <10 | 0.05 | Clear, flowing well |
| 29/5/08 | 7.2 | 60 | 8 | 7 | 50 | <10 | 0.03 | Clear flowing well |
| 31/7/08 | 7.5 | 58 | 4 | 7 | 60 | <10 | - | Clear, flowing well |
| 30/9/08 | 6.9 | 64 | 12 | 4.5 | 50 | <10 | 0.07 | v. low pH? Army camp works? |
| 31/10/08 | 6.6 | 70 | 17 | 7 | 40 | <10 | 0.03 | Clear, flowing well |
| 28/1/09 | 5.1 | 58 | 19.5 | 6.5 | 50 | <10 | 0.04 | Flowing well, clear |
| 22/2/09 | 5.7 | 59 | 17 | 7.5 | 30 | <10 | 0.04 | 28mm rain, 2 P'pus, Army Camp works |
| 30/3/09 | 5.5 | 53 | 14 | 7 | 50 | <10 | 0.05 | Flowing well, clear |
| 30/4/09 | 8.3 | 74 | 10 | 7 | 40 | <10 | - | Flowing well, crystal clear |
| 28/5/09 | 7.7 | 68 | 10 | 7 | 60 | <10 | - | 70mm rain. High flow, clear |
| 29/6/09 | 6.9 | | 9 | 6 | 60 | <10 | - | Recent rain, flowing well, clear |
| 28/7/09 | - | - | 6.5 | 7 | 90 | <10 | - | Recent rain, v. good flow, clear |
| 1/9/09 | 4.8 | 40 | 7.5 | 7 | 70 | <10 | 0.04 | Recent rain, good flow, clear |
| 30/9/09 | 7.5 | 67 | 10.5 | 7 | 70 | <10 | 0.03 | Flowing well, clear |
| 7/11/09 | 5.1 | 50 | 14 | 7 | 60 | <10 | 0.15 | Flowing well, clear |
| 10/12/09 | 3.7 | 38 | 17 | 7 | 60 | <10 | 0.10 | Lesser flow, St Johns Wort flowering |
| 11/2/2010 | 5.6 | 59 | 17.5 | 7 | 40 | <10 | - | 60mm rain over w'end, flowing v.well |
| 13/3/2010 | 7.3 | 71 | 14 | 7 | 50 | <10 | 0.12 | Flowing well, clear |
| 16/4/2018 | | | 16 | | 30 | | | Flowing, crystal clear |

| | | | | | | | | | | |
|----------|--|----------------|-------------|-------------|--------------|-------------|------------|------------|------------|---|
| | | 17/5/2018 | | | | | 30 | | | Flowing, crystal clear |
| | | 28/9/2023 | | | | | 50 | | | Flowing |
| | | 31/1/2025 | | | | | 30 | <10 | | Reserve Rd site. Flowing well |
| | | 5/05/2026 | | | 12 | 7.5 | 26 | <10 | | TDS 18.5 ppm. 0.01 ppt. Reserve Rd site |
| | | | | | | | | | | |
| 9 | Farmer's Creek Coerwull Rd Bowenfels (downstream LCC STP outfall) | 24/10/06 | 2.0 | 32 | 17 | 8 | 580 | 15 | - | |
| | | 5/11/06 | 2.4 | 22 | 16 | 8 | 460 | 20 | 13.4 | 30mm rain |
| | | 30/11/06 | 2.1 | 22 | 25 | 7 | 650 | 15 | 17.1 | |
| | | 24/12/06 | 2.1 | 21 | 20 | 8 | 520 | 20 | 12.2 | 20mm rain |
| | | 25/1/07 | 4.8 | 60 | 26.5 | 8 | 450 | 15 | 1.66 | 40mm rain |
| | | 16/4/07 | 4.8 | 50 | 17 | 7.5 | 430 | 10 | 0.49 | |
| | -33.470103 150.126092 Altitude: 898.78m | 15/5/07 | 5.63 | 66.8 | 15.21 | 7.34 | 434 | 3.4 | 0.2 | SCA Field Data |
| | | 17/5/07 | 5.5 | 55 | 14.5 | 7 | 430 | <10 | 0.76 | 3mm rain |
| | | 30/6/07 | 7.0 | 59 | 8 | 6.5 | 170 | <10 | 0.06 | 200mm+ rain June |
| | | 26/7/07 | 7.7 | 67 | 9 | 7 | 270 | 10 | 0.06 | Slightly milky, green |
| | | 31/8/07 | 6.8 | 63 | 12.5 | 7 | 270 | 20 | 0.19 | 25mm, green algae on creekbed |
| | | 24/9/07 | 7.7 | 80 | 16 | 7.5 | 350 | 50 | 0.04 | v. green, no frog calls |
| | | 2/11/07 | 4.9 | 44 | 17 | 7 | 460 | 60 | 1.03 | 45mm rain, muddy |
| | | 4/11/07 | - | - | - | - | - | 40 | - | Turbidity after 50mm storm overnite |
| | | 30/11/07 | 5.7 | 64 | 20.5 | 7.5 | 270 | <10 | 0.55 | Sewage spills last week, 150mm rain |
| | | 1/1/08 | 5.7 | 65 | 23 | 7.5 | 300 | <10 | 0.36 | Looks clear, flowing well |
| | | 29/1/08 | 5.5 | 70 | 25.5 | 7 | 300 | <10 | 0.32 | Slight 'fishy' odour |
| | | 9/3/08 | 6.3 | 71 | 20.5 | 7 | 310 | <10 | 0.22 | 7mm rain, froth & bubbles |
| | | 1/4/08 | 6.6 | 72 | 17.5 | 7.5 | 330 | 10 | 0.64 | Milky/grey/green, froth, flocs of algae |
| | | 29/5/08 | 6.0 | 57 | 12 | 7 | 350 | 15 | 0.59 | Milky/grey/green, 6 wood ducks |
| | | 31/7/08 | 7.1 | 56 | 5 | 7 | 340 | 60 | - | Muddy, 150NTU at Geordie St |
| | | 30/9/08 | 7.2 | 77 | 18 | 8 | 220 | 15 | 1.85 | A bit murky + froth + odour |
| | | 31/10/08 | 5.8 | 70 | 22.5 | 7 | 250 | 10 | 17.3 | Phos test turned blue instantly, murky |
| | | 28/1/09 | 6.1 | 65 | 18 | 8 | 300 | 20 | 18.3 | Green, froth on surface, odour |
| | | 1/3/09 | 6.4 | 72 | 20.5 | 7 | 220 | 10 | 1.14 | Flowing well, phos test 'blued' quickly |
| | | 30/3/09 | 5.9 | 64 | 19.5 | 7 | - | 10 | 1.48 | Green flocs, booms-diesel spill last wk |
| | | 30/4/09 | 6.1 | 61 | 13.5 | 7 | 270 | <10 | - | Flowing well, clear |
| | | 28/5/09 | 5.9 | 55 | 12.5 | 7 | 180 | <10 | - | 70mm rain, slightly murky, good flow |
| | | 29/6/09 | - | - | 11 | 7 | 200 | 10 | - | Slightly murky, organic odour |
| | | 28/7/09 | - | - | 8 | 7 | 250 | 15 | - | Murky, slightly green, floating algae |
| | | 1/9/09 | 6.7 | 61 | 11.5 | 7 | 240 | 10 | 15.5 | Phos OverRange. Murky, froth |
| | | 30/9/09 | 5.5 | 56 | 16.5 | 7 | 300 | 15 | 17.8 | Phos OverRange, murky |

| | | | | | | | | | | |
|-----------|---|----------------|-------------|-------------|--------------|-------------|-----------|------------|-----------------|---|
| | | 6/11/09 | 5.2 | 54 | 17.5 | 7 | 270 | 10 | 16.3 | Phos OverRange, murky |
| | | 9/12/09 | 3.8 | 46 | 25 | 7 | 280 | 10 | 19.7 | Phos OverRange, murky |
| | | 11/2/10 | 5.2 | 61 | 23 | 7 | 200 | <10 | - | 60mm rain over w'end, murky |
| | | 13/3/10 | 7.7 | 78 | 16 | 7 | 280 | 10 | 2.38 | Green, algae flocs thru water, froth |
| | | 17/2/11 | - | - | - | - | - | - | - | Blue Green Algae Alert Farmers Ck http://www.council.lithgow.com/media/110217_blueGreenAlgae.html Creek has been green since Xmas |
| | | 12/3/11 | - | - | - | - | - | - | - | Blue Green Algae Alert Farmers Ck + Lake Wallace in Lithgow Mercury |
| | | 7/05/18 | - | - | - | - | 630 | - | - | Highest since 30/11/06. Clarence T'fer |
| | | 17/5/18 | - | - | - | - | 480 | - | - | |
| | | 28/9/2023 | - | - | - | - | 380 | - | - | |
| | | 23/9/2024 | - | - | - | - | 260 | - | - | |
| | | 31/1/2025 | - | - | - | - | 180 | <10 | - | 2 nd lowest EC ever |
| | | 21/4/2026 | | | 14 | 7.8 | 289 | <10 | | TDS 208 ppm. 0.15 ppt. Note: ABC News – April 2026 rainfall was the lowest recorded since 1889 |
| | | | | | | | | | | |
| 10 | State Mine Creek, State Mine Gully Road, “Dobb’s Drift” Lithgow -33.446703 150.175856 Altitude: 1008m | 24/10/06 | 7.4 | 83 | 13 | 7 | 30 | <10 | - | |
| | | 4/11/06 | 7.4 | 74 | 11 | 7 | 30 | <10 | - | |
| | | 9/1/07 | 5.0 | 52 | 17 | 7 | 30 | <10 | 0.04 | |
| | | 23/1/07 | 5.9 | 61 | 18 | 7 | 30 | <10 | 0.06 | 40mm rain |
| | | 16/4/07 | 6.8 | 66 | 13 | 7 | 30 | <10 | 0.02 | |
| | | 7/5/07 | 5.9 | 55 | 12 | 7 | 30 | <10 | 0.00 | |
| | | 15/5/07 | 8.18 | 87.1 | 11.51 | 6.65 | 47 | 4.7 | <0.01 | SCA Field Data |
| | | 22/6/07 | 6.7 | 54 | 7 | 7 | 40 | <10 | 0.02 | 150mm rain to date June |
| | | 26/7/07 | 7.6 | 61 | 7 | 7 | 30 | <10 | 0.02 | 200mm+ rain in June |
| | | 31/8/07 | 6.9 | 60 | 9.5 | 7 | 30 | <10 | 0.08 | 25mm rain, clear, good flow |
| | | 24/9/07 | 6.9 | 60 | 9.5 | 7 | 30 | <10 | 0.02 | Rust stains on rocks in creekbed |
| | | 2/11/07 | - | - | 13.5 | 7 | 30 | 400 | 0.03 | 45mm rain, v. muddy yellow |
| | | 4/11/07 | - | - | - | - | 30 | 50 | - | Turbidity after 50mm storm overnite |
| | | 6/12/07 | 5.8 | 57 | 14 | 7 | 30 | <10 | 0.07 | 150mm rain Nov, 23mm 2 days ago |
| | | 1/1/08 | 5.3 | 56 | 17.5 | 7 | 30 | <10 | 0.02 | Clear, lots birds, cicadas |
| | | 29/1/08 | 5.6 | 56 | 15.5 | 6.5 | 30 | <10 | 0.01 | Flowing well, clear |
| | | 9/3/08 | 6.1 | 60 | 14.5 | 6 | 30 | <10 | 0.01 | 7mm rain, sediment up after storms |
| | | 1/4/08 | 6.0 | 56 | 12 | 7 | 30 | <10 | 0.01 | Clear, flowing well |
| | | 31/5/08 | 6.5 | 56 | 8.5 | 7 | 30 | <10 | 0.01 | Clear, flowing, lots of birds |

| | | | | | | | | | | |
|-----------|---|----------------|-------------|-------------|-------------|-------------|-----------|------------|-----------------|--|
| | | 31/7/08 | 6.8 | 54 | 5 | 7 | 30 | <10 | - | Crystal clear, flowing well |
| | | 30/9/08 | 5.9 | 52 | 9 | 7 | 30 | <10 | 0.03 | Clear, flowing, lots of birds |
| | | 4/11/08 | 6.2 | 58 | 12.5 | 7 | 30 | <10 | 0.05 | Clear, flowing, a Lyrebird |
| | | 28/1/09 | 4.9 | 52 | 17.5 | 7 | 30 | <10 | 0.01 | Clear, flowing |
| | | 1/3/09 | 5.5 | 56 | 16 | 7 | 30 | <10 | 0.11 | Crystal clear, flowing |
| | | 6/4/09 | 6.0 | 57 | 13 | 7 | 30 | <10 | - | 30mm+ rain, flowing v. well, clear |
| | | 30/4/09 | 6.1 | 55 | 10 | 7 | 30 | <10 | - | Flowing well, crystal clear |
| | | 28/5/09 | 6.3 | 56 | 10 | 7 | 30 | <10 | - | 70mm rain, Flowing well, Lyrebird |
| | | 29/6/09 | - | - | 9 | 7 | 30 | <10 | - | Recent rain, flowing well, clear |
| | | 1/9/09 | 6.6 | 56 | 8.5 | 7.5 | 30 | <10 | 0.10 | Recent rain, clear, flowing well |
| | | 30/9/09 | 6.1 | 53 | 9 | 7 | 30 | <10 | 0.08 | Flowing, clear |
| | | 7/11/09 | 6.0 | 56 | 12.5 | 7.5 | 30 | <10 | 0.08 | Flowing, crystal clear |
| | | 10/12/09 | 6.0 | 58 | 14 | 7 | 30 | <10 | 0.12 | Flowing, clear |
| | | 11/2/10 | 6.2 | 64 | 16.5 | 7 | 30 | <10 | - | 60mm rain over w'end, flowing well |
| | | 13/3/10 | 8.2 | 79 | 13.5 | 7 | 30 | <10 | 0.00 | Crystal clear, flowing |
| | | 28/9/2023 | - | - | - | - | 20 | - | - | Crystal clear, flowing well |
| | | 31/1/2025 | - | - | - | - | 30 | - | - | Flowing well, crystal clear |
| | | 2/12/2025 | | | 13.8 | 5.75 | 19.4 | <10 | | TDS 14.3 ppm. 0.01 ppt |
| | | 5/05/2026 | | | 11.2 | 6.71 | 26.1 | <10 | | TDS 18.5 ppm. 0.01 ppt. Flowing, clear |
| | | | | | | | | | | |
| 11 | Farmer's Creek, Oakey Park, "Waterworks Gully", Lithgow. Upstream of LCC Water Treatment Plant. Downstream of Farmers Creek No.2 dam, and Clarence Transfer -33.463706 150.196327 Altitude: 961m | 24/10/06 | 5.6 | 78 | 15 | 7 | 40 | <10 | - | |
| | | 4/11/06 | 7.4 | 83 | 13 | 7 | 40 | <10 | - | |
| | | 24/12/06 | 3.5 | 38 | 19 | 6 | 40 | <10 | 0.01 | 20mm rain |
| | | 16/4/07 | 6.4 | 60 | 12 | 7 | 40 | <10 | 0.00 | |
| | | 7/5/07 | 6.7 | 66 | 11 | 7 | 30 | <10 | 0.05 | |
| | | 15/5/07 | 8.49 | 92.8 | 11.6 | 7.30 | 65 | 1.7 | <0.01 | SCA Field Data |
| | | 22/6/07 | 6.8 | 56 | 7 | 7 | 70 | <10 | 0.02 | 150mm rain to date June |
| | | 26/7/07 | 7.1 | 58 | 6.5 | 7 | 30 | <10 | 0.02 | 200mm+rain in June |
| | | 31/8/07 | 6.3 | 57 | 10.5 | 7 | 30 | <10 | 0.01 | 25mm rain, clear, good flow |
| | | 27/9/07 | 6.0 | 58 | 13.5 | 7 | 30 | <10 | 0.01 | Clear, flowing, saw a Lyrebird |
| | | 2/11/07 | 6.5 | 65 | 15 | 7 | 30 | 15 | 0.02 | 45mm rain, slightly turbid |
| | | 4/11/07 | - | - | - | - | 20 | 10 | - | Turbidity after 50mm storm overnite |
| | | 6/12/07 | 5.2 | 52 | 15 | 7 | 40 | <10 | 0.04 | 150mmNov, 23mm 2 days ago, clear |
| | | 1/1/08 | 4.5 | 48 | 18 | 7 | 20 | <10 | 0.03 | Black cockatoos & lots other birds |
| | | 29/1/08 | 4.9 | 54 | 19 | 7 | 30 | <10 | 0.02 | Flowing well, crystal clear |
| | | 9/3/08 | 5.7 | 58 | 17 | 7 | 20 | <10 | 0.02 | 7mm storm 2 days ago |
| | | 1/4/08 | 6.5 | 60 | 12 | 7 | 30 | <10 | 0.01 | Clear, flowing well |

| | | | | | | | | | | |
|-----------|--|----------------|-------------|-------------|--------------|-------------|------------|------------|-----------------|---|
| | | 31/5/08 | 6.4 | 56 | 8 | 7 | 30 | <10 | 0.02 | Clear, roadwork may cause erosion |
| | | 31/7/08 | 7.2 | 56 | 4.5 | 6.5 | 20 | <10 | 0.02 | Clear, flowing well, lots of birds |
| | | 30/9/08 | 5.4 | 50 | 10.5 | 7 | 20 | <10 | 0.04 | Clear, flowing well, lots of birds |
| | | 4/11/08 | 5.4 | 53 | 14 | 7 | 20 | <10 | 0.11 | Clear, flowing well, lots of birds |
| | | 28/1/09 | 4.0 | 48 | 21 | 7 | 30 | <10 | 0.02 | Clear, flowing well, lots of birds |
| | | 26/2/09 | 5.1 | 54 | 17.5 | 7 | 20 | <10 | 0.05 | Clear, 30mm rain last 7 days |
| | | 6/4/09 | 6.1 | 60 | 15 | 7 | 30 | <10 | - | 30mm+ rain, flowing v. well, clear |
| | | 30/4/09 | 6.1 | 55 | 10 | 7 | 30 | <10 | - | Flowing well, crystal clear |
| | | 28/5/09 | 6.1 | 54 | 10 | 7 | 30 | <10 | - | 70mm rain, Flowing v. well, Lyrebird |
| | | 29/6/09 | - | - | 9 | 7 | 30 | <10 | - | Recent rain, flowing well clear |
| | | 28/7/09 | - | - | 7.5 | 7 | 40 | <10 | - | Recent rain, clear flowing well |
| | | 1/9/09 | 6.4 | 55 | 8.5 | 7 | 20 | <10 | 0.03 | Recent rain, clear |
| | | 30/9/09 | 6.0 | 53 | 10 | 7.5 | 30 | <10 | 0.10 | Flowing well, crystal clear |
| | | 7/11/09 | 5.4 | 51 | 13 | 7.5 | 20 | <10 | 0.12 | Flowing, clear, upstream Dam is 90EC |
| | | 10/12/09 | 5.4 | 54 | 15.5 | 7.5 | 50 | 10 | 0.10 | Milky, Road closed - tested near WTP |
| | | 11/2/10 | 5.6 | 60 | 18.5 | 7 | 60 | <10 | - | 60mm rain w'end, dam overflowing |
| | | 13/3/10 | 7.4 | 73 | 14.5 | 7 | 30 | <10 | 0.02 | Flowing, lots birds, G. acanth in flower |
| | | 7/05/18 | - | - | - | - | 160 | - | - | EC Highest ever, Clarence Transfer |
| | | 28/9/2023 | - | - | - | - | 20 | - | - | Crystal clear, flowing |
| | | 31/1/2025 | - | - | - | - | 30 | <10 | - | Flowing well, clear |
| | | 2/12/2025 | | | 15.4 | 6.4 | 18.6 | <10 | | TDS 13.5 ppm. 0.01 ppt |
| | | 13/2/2026 | | | 16.6 | 6.31 | 92.8 | <10 | | TDS 65.6 ppm. 0.04 ppt. Clarence Transfer on @311EC.TDS 221ppm |
| | | 5/05/2026 | | | 12.2 | 7.07 | 105.5 | <10 | | TDS 75.2 ppm. 0.05ppt. Clarence Transfer flowing @322EC |
| | | | | | | | | | | |
| 12 | River Lett, Jenolan Caves Road, Hartley | 25/05/2006 | | | | | | | | Dead Platypus strangled fishing line Lith Mercury 25/5/2006 "Reserve assessment discovered grizzly find". |
| | -33.546130 | 30/12/06 | 1.9 | 19 | 18 | 7 | 210 | 30 | 0.00 | 12mm rain |
| | 150.164859 | 21/1/07 | 2.4 | 24 | 20 | 6 | 410 | 10 | 0.02 | 69mm Hartley |
| | Altitude: 705.78m | 16/4/07 | 4.8 | 48 | 15 | 7 | 160 | <10 | 0.02 | |
| | | 6/5/07 | 5.2 | 48 | 11 | 7 | 130 | <10 | 0.04 | |
| | | 15/5/07 | 8.62 | 92.9 | 11.17 | 7.22 | 137 | 4.3 | <0.01 | SCA Field Data |
| | | 28/6/07 | 7.3 | 60 | 7 | 7 | 130 | 10 | 0.05 | 200mm+ rain June |
| | | 26/7/07 | 6.9 | 57 | 7 | 7.5 | 190 | <10 | 0.08 | |
| | | 26/8/07 | 6.8 | 60 | 10 | 7 | 160 | <10 | 0.02 | Flowing well, clear, no frogs |

| | | | | | | | | | | |
|-----------|--|-----------|-----|-----|------|------|------|-----|------|---|
| | | 27/9/07 | 6.8 | 64 | 12 | 7 | 180 | <10 | 0.04 | Lots frogs, butterflies, birds |
| | | 2/11/07 | 5.5 | 55 | 15 | 7 | 150 | <10 | 0.03 | 45mm rain, tea-tree colour |
| | | 6/12/07 | 5.7 | 60 | 18.5 | 7 | 140 | <10 | 0.04 | 150mmNov, 23mm 2 days ago |
| | | 1/1/08 | 5.3 | 59 | 20 | 7 | 130 | <10 | 0.01 | Tea-tree stained, flowing well |
| | | 29/1/08 | 5.8 | 66 | 21 | 7 | 110 | <10 | 0.01 | Flowing well, clear |
| | | 9/3/08 | 6.0 | 64 | 18 | 7.5 | 140 | <10 | 0.03 | 7mm rain. EC 80 at Londonderry |
| | | 12/3/08 | - | - | - | - | - | - | - | 1x White-tailed Water Rat |
| | | 1/4/08 | 4.3 | 40 | 11.5 | 7 | 140 | <10 | 0.01 | Eastern water dragon, dragon flies |
| | | 31/5/08 | 7.3 | 60 | 7.5 | 7 | 200 | <10 | 0.12 | Clearer than usual, EC & P seem high |
| | | 31/7/08 | 7.4 | 60 | 5 | 7 | 190 | <10 | - | Flowing, clear, new sign installed |
| | | 30/9/08 | 6.5 | 51 | 13 | 7 | 140 | <10 | 0.04 | Flowing, clear, Green Corps on-site |
| | | 31/10/08 | 6.4 | 70 | 19 | 7 | 130 | <10 | 0.07 | Flowing, clear |
| | | 28/1/09 | 3.2 | 36 | 22 | 7 | 120 | 15 | 0.11 | Tea-tree stained, 2 Eastn Water Dragon |
| | | 26/2/09 | 5.3 | 60 | 18.5 | 7 | 100 | <10 | 0.03 | Flowing, clear, a fish 200mm long |
| | | 30/3/09 | 5.3 | 53 | 15.5 | 7 | 120 | <10 | 0.08 | Flowing, clear |
| | | 30/4/09 | 6.6 | 59 | 10 | 7 | 100 | <10 | - | Flowing, clear |
| | | 28/5/09 | 7.1 | 64 | 10.5 | 7 | 140 | <10 | - | 70mm rain, flowing very well |
| | | 29/6/09 | - | - | 9 | 7 | 190 | <10 | - | Recent rain, slightly murky, good flow |
| | | 28/7/09 | - | - | 7 | 7 | 300 | <10 | - | Good flow, froth, salinity is up? |
| | | 1/9/09 | 7.0 | 61 | 9.5 | 8 | 250 | <10 | 0.08 | Recent rain, clear |
| | | 30/9/09 | 7.0 | 62 | 10 | 7 | 210 | <10 | 0.08 | Flowing, clear |
| | | 6/11/09 | 5.7 | 58 | 16 | 7.5 | 140 | <10 | 0.13 | Flowing, tea-tree stained |
| | | 9/12/09 | 3.4 | 37 | 19 | 7 | 140 | 10 | 0.15 | Level low, tea-tree stained & muddy |
| | | 11/2/10 | 5.8 | 64 | 20.5 | 7 | 90 | <10 | - | 60mm rain w'end. Flowing well |
| | | 13/3/10 | 8.5 | 83 | 14 | 7 | 90 | <10 | 0.01 | Tea-tree stained, flowing, clear |
| | | 16/8/15 | - | - | - | - | 170 | - | - | Clear, flowing |
| | | 09/03/16 | - | - | - | - | 90 | - | - | |
| | | 07/05/18 | - | - | - | - | 60 | - | - | Best ever |
| | | 9/1/2020 | - | - | 21 | - | 210 | - | - | Lowest water level; ever, very turbid |
| | | 30/7/2022 | - | - | - | - | 170 | - | - | High water level, slightly murky |
| | | 28/9/2023 | - | - | - | - | 90 | - | - | Full. Clear |
| | | 5/05/2026 | | | 11 | 7.37 | 79.8 | <10 | | TDS 57.3 ppm. 0.04 ppt. Platypus video Ash Manning |
| | | | | | | | | | | |
| 13 | Lake Lyell, Cox's River, Magpie Hollow, end of Sir Thomas | 24/10/06 | 8.1 | 76 | 14 | 9 | 750 | 60 | - | Water is green |
| | | 5/11/06 | 8.6 | 88 | 17 | 9 | 730 | 15 | 0.44 | 30mm rain Water is green |
| | | 30/11/06 | 9.1 | 110 | 24 | 9 | 880 | 20 | 0.20 | Water is green |

| | | | | | | | | | |
|--|----------------|------------|--------------|--------------|------------|------------|-------------|---|--|
| Mitchell Drive (35km downstream of start of Coxs River). Near Farmers Creek arm. -33.500405 150.072355 Altitude: 793m | 30/12/06 | 9.7 | 119 | 24 | 9 | 870 | 20 | 0.14 | 12mm rain Water is green |
| | 25/1/07 | 8.4 | 110 | 29 | 9 | 840 | 50 | 0.27 | 40mm rain, Water green |
| | 16/4/07 | 5.4 | 58 | 19.5 | 8 | 910 | 20 | 0.05 | Water is green |
| | 15/5/07 | 8.5 | 104.6 | 16.81 | 7.9 | 945 | 12.5 | 0.01 | SCA Field Data |
| | 28/6/07 | 6.8 | 58 | 8 | 7 | 530 | 20 | 0.08 | 200mm+ rain June |
| | 26/7/07 | 6.8 | 58 | 9 | 7 | 530 | 10 | 0.05 | Slightly green |
| | 26/8/07 | 8.6 | 80 | 12 | 8 | 520 | 60 | 0.08 | Dense green algae, water green |
| | 27/9/07 | 6.4 | 62 | 14 | 8.5 | 550 | 30 | 0.04 | Water green, dense algae on edges |
| | 2/11/07 | 5.1 | 56 | 17.5 | 7 | 570 | 10 | 0.24 | 45mm rain, not green for once |
| | 6/12/07 | 4.5 | 50 | 20 | 7 | 550 | <10 | 0.10 | 150mm Nov, 23mm 2 days ago |
| | 1/1/08 | 4.8 | 65 | 26 | 9 | 570 | 20 | 0.12 | Algae on edge, motorboats/mud |
| | 29/1/08 | 7.9 | 98 | 25.5 | 9 | 610 | 20 | 0.08 | Algae edge, musty rotting weed smell |
| | 9/3/08 | 7.5 | 89 | 23 | 8.5 | 590 | 20 | 0.06 | AP = 0.74 upstream, 0.20 downstream? |
| | 1/4/08 | 4.8 | 51 | 18 | 7 | 580 | <10 | 0.09 | Flocs of algae on edge. Farmers Ck green |
| | 31/5/08 | 6.4 | 60 | 12 | 7 | 640 | <10 | 0.19 | Clear, flocs of algae around edge |
| | 31/7/08 | 7.4 | 64 | 9 | 7.5 | 600 | <10 | - | Greenish, water level down 1.5m on last |
| | 30/9/08 | 6.8 | 70 | 16 | 8 | 530 | <10 | 0.22 | Farmers Ck arm green, Gorse flowering |
| | 31/10/08 | 7.5 | 84 | 20 | 9 | 530 | <10 | 0.13 | Farmers Ck arm green, Gorse flowering |
| | 28/1/09 | 5.7 | 72 | 26 | 8 | 530 | <10 | 0.12 | Flocs of green algae in water column |
| | 26/2/09 | 7.3 | 84 | 21 | 8.5 | 520 | 10 | 0.09 | Farmers Ck arm green, 30mm rain-7days |
| | 30/3/09 | 6.8 | 75 | 20 | 8.5 | 520 | 10 | 0.12 | Green, light-green floating algae on edge |
| | 30/4/09 | 6.2 | 64 | 16 | 8 | 590 | <10 | - | 1m lower than last time, clear |
| | 28/5/09 | 6.3 | 61 | 14 | 7.5 | 550 | <10 | - | 70mm rain, Farmers Ck arm milky/green |
| | 29/6/09 | - | - | 10.5 | 7.5 | 610 | <10 | - | Tested SE side near +/- legal Council quarry |
| | 28/7/09 | - | - | 9.5 | 8 | 610 | 10 | - | Slight green tinge, murky |
| | 1/9/09 | 7.5 | 70 | 12 | 8.5 | 600 | 15 | 0.31 | Recent rain, green edges further down |
| | 30/9/09 | 9.5 | 94 | 15 | 8.5 | 580 | 15 | 0.31 | Green, algae thru water column |
| | 6/11/09 | 8.0 | 86 | 19 | 9 | 650 | 10 | 0.34 | Green, algae around edges, 2m lower |
| | 9/12/09 | 6.7 | 79 | 23.5 | 9 | 660 | 20 | 0.25 | Muddy+green tinge, ski boats, lower |
| | 11/2/10 | 7.4 | 90 | 25 | 9 | 650 | 10 | - | 60mm rain, algae around edges, greenish |
| 13/3/10 | 7.7 | 83 | 19 | 7.5 | 740 | <10 | 0.15 | Light green algae water edge, level lower | |
| 5/8/10 | 9.5 | 80 | 8 | 7.5 | 780 | 10 | 0.15 | Slightly muddy after heavy rain | |
| 15/2/17 | - | - | - | - | - | - | - | Red Alert – Blue Green Algae - LCC | |
| 16/2/17 | - | - | - | - | 570 | - | - | Supposedly closed due to Blue/Green Algae Warning, Green around edges | |
| 15/4/17 | - | - | - | - | - | - | - | Closed due to Blue Green Algae - LCC | |
| 21/8/17 | - | - | - | - | 620 | - | - | At Old Western Road, not usual spot | |

| | | | | | | | | | | |
|-----------|--|----------------|------------|-------------|--------------|-------------|-------------|------------|-------------|--|
| | | 28/3/18 | - | - | - | - | - | - | - | Amber Alert – Blue Green Algae - LCC |
| | | 11/4/18 | - | - | - | - | - | - | - | Red Alert - Blue Green Algae LCC |
| | | 17/4/18 | - | - | 20 | - | 700 | - | - | A lot of stringy algae near waters edge |
| | | 20/9/18 | - | - | - | - | 760 | - | - | |
| | | 28/5/19 | - | - | - | - | 760 | - | - | Sir Thomas Mitchell Dr, many green bits |
| | | 5/12/2019 | - | - | - | - | 760 | - | - | |
| | | 25/3/2020 | - | - | - | 6.5 | | - | - | <i>Hunter Enviro Centre Monitoring</i> |
| | | 28/9/2023 | - | - | - | - | 280 | - | - | 96.7% capacity (Energy Australia website). Best EC ever. Ski-boats stirring up mud near banks but otherwise clear |
| | | 4/04/2024 | - | - | 18.5 | 8 | 308.8 | 1 | - | <i>NOW Gauge 212011. 15:15</i> |
| | | 31/1/2025 | 7.3 | - | 19.7 | 7.6 | 305.7 | 1.9 | - | <i>NOW Gauge 212011</i> |
| | | 17/04/2026 | | | 18.9 | | 335 | | | <i>Casuarina cunninghamiana</i> |
| | | | | | | | | | | |
| 14 | Lake Wallace Wallerawang -33.416668 150.075396 Altitude: 870m | 24/10/06 | 6.1 | 60 | 19 | 9 | 1100 | <10 | - | |
| | | 18/11/06 | 8.0 | 89 | 19.5 | 9 | 1130 | <10 | 0.29 | |
| | | 27/12/06 | 6.3 | 72 | 22 | 9 | 1140 | <10 | - | |
| | | 9/1/07 | - | - | - | - | 1200 | - | - | |
| | | 24/1/07 | 6.4 | 74 | 25 | 9 | 1100 | <10 | 0.45 | 40mm rain |
| | | 12/4/07 | 6.5 | 68 | 17.5 | 9 | 1130 | <10 | 0.55 | |
| | | 29/4/07 | - | - | - | - | 1150 | - | - | 18mm rain |
| | | 15/5/07 | 7.8 | 93.9 | 16.00 | 8.82 | 1146 | 0.2 | 0.17 | SCA Field Data |
| | | 24/5/07 | - | - | - | - | 1010 | - | - | 48mm, overflowing dam wall |
| | | 12/7/07 | - | - | - | - | 730 | - | - | Overflowing dam wall |
| | | 19/7/07 | - | - | - | - | 710 | - | - | Not overflowing dam wall |
| | | 17/8/07 | - | - | 9 | - | 690 | <10 | - | 8mm rain, spillway <u>not</u> overflowing |
| | | 24/9/07 | - | - | 13 | 8.5 | 750 | <10 | - | Dam wall <u>not</u> overflowing |
| | | 11/10/07 | - | - | 18 | 8.5 | 720 | <10 | - | Dam wall <u>not</u> overflowing |
| | | 4/11/07 | - | - | - | - | 850 | 15 | - | Top end of lake, 50mm storm o'nite |
| | | 9/4/08 | 6.6 | 69 | 16.5 | 8.5 | 700 | <10 | 0.26 | Day after acid spill at Wang power statio |
| | | 17/6/08 | - | - | - | - | 810 | <10 | - | Clear, dam wall <u>not</u> overflowing |
| | | 28/1/09 | 5.6 | 68 | 24.5 | 8.5 | 620 | <10 | 0.27 | Clear, <u>not</u> overflowing |
| | | 1/3/09 | 7.8 | 94 | 23 | 9 | 640 | 15 | 0.10 | Flocs of algae in water column, slty green |
| | | 29/5/09 | - | - | 11 | 8.5 | 800 | <10 | - | 70mm rain. West outlet pumping 650EC |
| | | 28/6/09 | - | - | 9 | 8 | 850 | <10 | - | Rain o'nite, clear, <u>not</u> overflowing |
| | | 1/9/09 | 6.9 | 66 | 11 | 8 | 780 | <10 | 0.09 | Clear, rain last few days, <u>not</u> overflowing |
| | | 4/11/09 | 6.0 | 76 | 20.5 | 8.5 | 830 | <10 | 0.12 | Clear, no algae evident, <u>not</u> overflowing |

| | | | | | | | | |
|----------|-----|----|------|-----|------|-----|------|--|
| 11/12/09 | 5.7 | | 20.5 | 9 | 820 | <10 | - | Clear, level down 0.5m, <u>not</u> overflowing |
| 20/2/10 | 5.8 | 68 | 22.5 | 8.5 | 780 | <10 | 0.38 | 100m rain, clear, dam overflowing |
| 19/10/10 | - | - | 19 | 8.5 | 580 | <10 | 0.22 | Dam wall overflowing |
| 12/3/11 | - | - | - | - | - | - | - | Blue Green Algae Alert Lake Wallace, |
| 18/2/14 | - | - | - | - | - | - | - | Red Alert BG Algae – Oberon Review |
| 24/5/14 | - | - | - | - | 1050 | - | - | |
| 7/9/2014 | - | - | - | - | 1110 | - | - | Dam o/flowing, Rocky W/Hole 1110 |
| 24/5/15 | - | - | - | - | 940 | - | - | Dam o/flowing, Rock Waterhole 940 |
| 25/6/15 | - | - | - | - | 1010 | - | - | Dam o/flowing |
| 4/8/15 | - | - | - | - | 980 | - | - | Dam o/flowing, Rock Waterhole 990 |
| 30/10/15 | - | - | - | - | 1030 | - | - | Dam o/flowing, Rock Waterhole 1020 |
| 24/11/15 | - | - | - | - | 1060 | - | - | Dam o/flowing, Rock Waterhole 1050 |
| 12/1/16 | - | - | - | - | 1110 | - | - | Dam o/flowing, Rock Waterhole 1110 |
| 09/02/16 | - | - | - | - | 1110 | - | - | 200mm rain in January |
| 09/03/16 | - | - | - | - | 1140 | - | - | |
| 15/2/17 | - | - | - | - | - | - | - | Amber Alert – Blue Green Algae - LCC |
| 10/4/16 | - | - | - | - | 1160 | - | - | Dam o/flowing, Rock Waterhole 1160 |
| 03/05/16 | - | - | - | - | 1200 | - | - | Dam o/flowing |
| 16/2/17 | - | - | - | - | 1010 | - | - | Dam o/flowing, some algae |
| 1/9/17 | - | - | - | - | 1220 | - | - | Dead fish near boatramp, salt build-up on grass in low areas |
| 27/9/17 | - | - | - | - | 1220 | - | - | |
| 8/10/17 | - | - | - | - | 1130 | - | - | Thompsons Ck Dam water being used to dilute Lake Wallace (photos) |
| 9/10/17 | - | - | - | - | 1160 | - | - | Thompsons Ck Dam inflow 630EC. 1130EC at pontoon. Photos taken |
| 16/10/17 | - | - | - | - | 1130 | - | - | Thompsons Ck Dam inflowing |
| 23/11/17 | - | - | - | - | 1050 | - | - | |
| 16/3/18 | - | - | - | - | - | - | - | Amber Alert – Blue Green Algae - LCC |
| 28/3/18 | - | - | - | - | - | - | - | Red Alert – Blue Green Algae - LCC |
| 11/4/18 | - | - | - | - | - | - | - | Remains on Red Alert, also Lake Lyell |
| 15/4/18 | - | - | - | - | 1190 | - | - | Green, stinks, Algae warning signs up |
| 17/5/18 | - | - | - | - | 1230 | - | - | Green with algae, Rocky W/hole 1230 |
| 21/8/18 | - | - | - | - | 1320 | - | - | Highest ever! |
| 20/9/18 | - | - | - | - | 1270 | - | - | Green. Peter Drinkall said dam wall has not been overflowing last few days |
| 28/5/19 | - | - | - | - | 1110 | - | - | Lots of green floaties |

| | | | | | | | | |
|------------|---|---|------|------|------|-----|---|---|
| 4/12/2019 | - | - | - | - | 970 | - | - | Thompsons Ck inlet flowing 770EC. Dam wall NOT spilling. |
| 4/1/2020 | - | - | 25 | - | 980 | - | - | At The Point (Camper Van at usual site). One dead trout fingerling |
| 13/3/2020 | - | - | - | - | 1010 | - | - | Putrid with Blue Green Algae, lots of water weed |
| 24/3/2020 | - | - | - | 9.1 | 915 | - | - | <i>Hunter Enviro Centre Monitoring</i> |
| 28/9/2023 | - | - | - | - | 670 | - | - | 105.3% capacity (Energy Australia website). Clear. Many fishermen (school hols). Thompsons Creek Dam transfer gushing (photo taken) |
| 4/1/2024 | - | - | - | - | 640 | - | - | Fish kill – 100s dead redfin (mostly) Water had a bad odour. 65mm rain last 3 days (145mm Dec 2023). EPA & Council recommend Lake closure but no signs anywhere on 4/1/2024, heaps of fisherman & campers. https://www.abc.net.au/news/2024-01-04/mass-fish-kill-of-redfin-near-blue-mountains/103283880 . |
| 21/2/2024 | - | - | - | - | 630 | - | - | Lots of water weed on lake edges |
| 2/03/2024 | - | - | - | - | 600 | - | - | TCR release large and 330EC |
| 4/04/2024 | - | - | - | - | 640 | - | - | TCR discharge not flowing |
| 6/05/2024 | - | - | - | - | 620 | - | - | TCR discharge not flowing |
| 26/7/2024 | - | - | - | - | 660 | - | - | Lake clear, but very turbid upstream |
| 23/9/2024 | - | - | - | - | 670 | - | - | |
| 21/11/2024 | - | - | - | - | 720 | <10 | - | Starting to rise again |
| 2/12/2024 | - | - | - | - | 680 | <10 | - | 110mm rain past 72hrs |
| 31/1/2025 | - | - | - | - | 650 | <10 | - | Spilling. TCR outlet no discharge |
| 28/2/2025 | - | - | - | - | 660 | <10 | - | Some algae visible in water column |
| 16/4/2025 | - | - | - | - | 690 | <10 | - | Water felt warm (no thermometer) |
| 29/7/2025 | | | 8.6 | 8.7 | 755 | | | 25mm rain last 7 days |
| 1/9/2025 | | | 12.3 | 8.13 | 618 | | | TDS 438ppm. 0.31ppt |
| 28/10/2025 | | | 16.8 | 8.04 | 570 | | | TDS 460ppm. 0.28ppt |
| 2/12/2025 | | | 19.1 | 8.34 | 590 | <10 | | TDS 415 ppm. 0.30 ppt |
| 27/01/2026 | | | 25.2 | 8.62 | 658 | <10 | | TDS 467 ppm. 0.33 ppt |
| 31/03/2026 | | | 19.5 | 8.37 | 681 | 10 | | TDS 484ppm. 0.34ppt. Algae visible |
| 5/05/2026 | | | 15.9 | 8.46 | 697 | <10 | | TDS 496 ppm. 0.35ppt. Algae flocs |

| | | | | | | | | | | | |
|-----------|---|-----------|-----|----|------|------|-------|-----|--|-----------------------|---|
| | | 23/5/2026 | | | 13.7 | 8.52 | 703 | <10 | | TDS 499 ppm. 0.36 ppt | |
| 15 | Piper's Flat Creek Bray's Lane (1 st causeway), Wallerawang. Downstream of TCR discharge into Thompsons Ck -33.404963 150.063788 Altitude: 885m | 24/9/06 | - | - | - | - | >1999 | - | - | | |
| | | 24/10/06 | 4.8 | 58 | 15 | 7 | 1980 | 15 | - | | |
| | | 9/1/07 | - | - | - | - | 1550 | - | - | | |
| | | 28/1/07 | - | - | - | - | 890 | | | | 40mm rain |
| | | 26/4/07 | - | - | - | - | 1910 | - | - | | Rusty orange |
| | | 1/5/07 | - | - | - | - | 1660 | - | - | | Rusty orange |
| | | 6/5/07 | - | - | - | - | 1710 | - | - | | Rusty orange |
| | | 13/5/07 | - | - | - | - | 1650 | - | - | | Rusty orange |
| | | 24/5/07 | - | - | - | - | 1390 | - | - | | 48mm rain |
| | | 1/6/07 | - | - | - | - | 1380 | - | - | | 8mm rain |
| | | 22/6/07 | - | - | - | - | 320 | - | - | | 35mm, muddy |
| | | 15/7/07 | - | - | - | - | 540 | 20 | - | | Rusty coloured |
| | | 4/8/07 | 0.4 | 5 | 10 | 6 | 1480 | 30 | 1.04 | | V. rusty coloured, flowing |
| | | 17/8/07 | - | - | 10 | - | 1370 | 30 | - | | 8mm rain yesterday, rusty coloured |
| | | 31/8/07 | - | - | 11 | 5.5 | 1440 | 30 | - | | 25mm rain, rusty yellow, flowing |
| | | 1/9/07 | 1.2 | 10 | 10.5 | 6 | 1480 | 20 | - | | Rusty orange, some frog calls |
| | | 11/10/07 | - | - | 15 | - | 1420 | 40 | - | | Rusty orange, |
| | | 4/11/07 | - | - | - | - | 230 | 100 | - | | Turbidity after 50mm storm overnite |
| | | 1/1/08 | - | - | - | - | 1220 | 40 | - | | v.rusty brown, filmy debris on surface |
| | | 17/6/08 | - | - | - | - | 1550 | 40 | - | | v.rusty, oil film, recent pipe works |
| | | 1/10/08 | 1.7 | 15 | 11.5 | 6 | 1170 | 30 | 0.05 | | v.rusty, blobs iron bacteria on surface |
| | | 28/1/09 | - | - | 22 | - | 1090 | 30 | - | | v.rusty,algae/ironodour, poss Gambusia |
| | | 3/3/09 | 3.0 | 36 | 18.5 | 6 | 1180 | 30 | 0.07 | | v.rusty,algae/iron odour |
| | | 26/6/09 | - | - | 9 | 6 | 1540 | 40 | - | | v. rusty yellow, rain o'nite, slight flow |
| | | 2/9/09 | - | - | 10.5 | 6 | 1370 | 50 | 0.11 | | v. rusty yellow, recent rain, some frogs |
| | | 7/11/09 | - | - | 15 | 6 | 1430 | 30 | - | | v. rusty, floating dark brown algal blobs |
| | | 13/3/10 | - | - | 16 | 6 | 1560 | 40 | - | | Slight flow, v. rusty as usual |
| 13/3/2020 | - | - | - | - | 480 | - | - | | Flowing, clear | | |
| 28/9/2023 | - | - | - | - | 510 | - | - | | High flow, frothy. Thompson's Creek Dam discharge pipe has high flow. | | |
| 9/12/2023 | - | - | - | - | 520 | - | - | | High flow TCR | | |
| 4/1/2024 | - | - | - | - | 400 | - | - | | 65mm rain last 3 days. Muddy. Fish kill (redfin) downstream in Lake Wallace | | |
| 21/2/2024 | - | - | - | - | 490 | - | - | | 55mm rain last 2 days. High flow TCR | | |
| 2/03/2024 | - | - | - | - | 500 | - | - | | High flow from TCR | | |
| 4/04/2024 | - | - | - | - | 500 | - | - | | Flowing very well from TCR | | |

| | | | | | | | | | | |
|-----------|--|------------|-----|----|------|------|-----|-----|------|--|
| | | 26/7/2024 | - | - | - | - | 450 | - | - | Muddy. High flow from TCR |
| | | 23/9/2024 | - | - | - | - | 530 | - | - | Low flow from TCR |
| | | 21/11/2024 | - | - | - | - | 490 | - | - | High flow |
| | | 2/12/2024 | - | - | - | - | 490 | - | - | 110mm rain past 72hrs, high flow |
| | | 31/1/2025 | - | - | - | - | 530 | 15 | - | |
| | | 28/2/2025 | - | - | - | - | 490 | 20 | - | Slightly muddy |
| | | 16/4/2025 | - | - | - | - | 530 | <10 | - | |
| | | 29/7/2025 | | | 8.6 | 8.7 | 519 | 15 | | 25mm rain last 7 days |
| | | 1/9/2025 | | | 10 | 8.26 | 438 | | | TDS 310ppm. 0.22ppt |
| | | 28/10/2025 | | | 13 | 8.2 | 516 | | | TDS 366ppm. 0.26ppt |
| | | 2/12/2025 | | | 15.8 | 8.37 | 508 | | | TDS 365 ppm. 0.27 ppt |
| | | 9/12/2025 | | | 25.7 | 8.46 | 510 | 10 | | TDS 362 ppm. 0.26 ppt |
| | | 27/01/2026 | | | 22.3 | 8.4 | 490 | 30 | | High flow & turbid. TDS 347 ppm |
| | | 31/03/2026 | | | 18.8 | 8.42 | 481 | 10 | | TDS 340ppm. 0.24ppt. Turbid |
| | | 5/05/2026 | | | 13.9 | 8.5 | 470 | 15 | | TDS 334 ppm. High flow, murky |
| | | | | | | | | | | |
| 16 | Creek in Bray's Lane (2 nd causeway), Wallerawang STP – below STP outfall (formerly there was an LCC Sample Point 4 sign here) -33.404113 150.064009 Altitude: 887m | 26/10/06 | 3.9 | 20 | 16 | 7 | 650 | 10 | - | |
| | | 28/1/07 | - | - | - | - | 570 | - | - | 40mm rain |
| | | 29/4/07 | - | - | - | - | 530 | - | - | 18mm rain |
| | | 24/5/07 | - | - | - | - | 430 | - | - | 48mm rain |
| | | 22/6/07 | - | - | - | - | 270 | - | - | 35mm rain |
| | | 15/7/07 | - | - | - | - | 370 | <10 | - | Flowing well |
| | | 17/8/07 | - | - | 9 | - | 500 | <10 | - | 8mm rain yesterday |
| | | 7/9/07 | 5.2 | 46 | 10 | 7 | 530 | <10 | 9.6 | Lots bubbles surface, 79H P test |
| | | 11/10/07 | - | - | 16 | - | 620 | 10 | - | |
| | | 1/1/08 | - | - | - | - | 510 | <10 | - | Slight oil-slick on surface |
| | | 17/6/08 | - | - | - | - | 510 | <10 | - | Flowing, disturbance pipe works |
| | | 1/10/08 | - | - | 12.5 | - | 460 | <10 | - | Flowing well, clear |
| | | 28/1/09 | 1.9 | 20 | 21 | 7 | 400 | 15 | 29.5 | Organic odour, poss. Gambusia |
| | | 28/6/09 | - | - | 10 | 7 | 620 | <10 | - | Flowing well, clear, froth & bubbles |
| | | 13/3/2020 | - | - | - | - | 920 | - | - | After 13,000 litre Caustic Soda spill Wallerawang STP August 2019. No litmus strips, so no pH test. |
| | | 28/9/2023 | - | - | - | - | 500 | - | - | High flow |
| | | 4/1/2024 | - | - | - | - | 680 | - | - | Low flow. White froth water surface. Fish kill (redfin) downstream. |
| | | 21/2/2024 | - | - | - | - | 520 | - | - | 55mm rain last 2 days |

| | | | | | | | | | | |
|----|---|----------------|-------------|-------------|--------------|-------------|-------------|------------|-----------------|--------------------------------------|
| | | 2/03/2024 | - | - | - | - | 510 | - | - | More turbid than Pipers Flat Ck |
| | | 4/04/2024 | - | - | - | - | 500 | - | - | High flow |
| | | 26/7/2024 | - | - | - | - | 450 | - | - | Overflowing road at causeway |
| | | 23/9/2024 | - | - | - | - | 750 | - | - | Low flow |
| | | 21/11/2024 | - | - | - | - | 490 | - | - | High flow |
| | | 2/12/2024 | - | - | - | - | 480 | - | - | 110mm rain past 72hrs, high flow |
| | | 31/1/2025 | - | - | - | - | 530 | 15 | - | |
| | | 28/2/2025 | - | - | - | - | 490 | - | - | |
| | | 16/4/2025 | - | - | - | - | 850 | - | - | No flow, murky, EC higher than usual |
| | | 1/9/2025 | | | 10.4 | 8.1 | 452 | | | TDS 321 ppm. 0.23 ppt |
| | | 28/10/2025 | | | 12.6 | 7.54 | 644 | | | TDS 0.33 ppt looks turbid |
| | | 2/12/2025 | | | 17.1 | 7.61 | 779 | | | TDS 552 ppm. 0.40 ppt |
| | | 31/03/2026 | | | 18.7 | 8.31 | 481 | 10 | | TDS 344 ppm. 0.24ppt. Turbid |
| | | | | | | | | | | |
| 17 | Piper's Flat Dam, Wallerawang -33.371886 150.009867 Altitude: 938m Upstream TCR outlet | 26/10/06 | 8.0 | 78 | 17 | 8 | 290 | <10 | - | |
| | | 4/2/07 | - | - | - | - | 320 | - | - | |
| | | 1/5/07 | - | - | - | - | 320 | - | - | |
| | | 22/7/07 | 7.5 | 61 | 7 | 7 | 230 | <10 | 0.04 | Tea coloured but clear |
| | | 3/6/09 | - | - | 11 | - | 250 | <10 | - | 80mm rain May. Full. 4 Swans |
| | | | | | | | | | | |
| 18 | Western Coal Services LDP001 (EPL 21229) (formerly Springvale Coal Services LDP006 EPL3607). Blackmans Flat Note: re-named LDP1 on EPL 21229 in December 2020. Downstream Lamberts Gully mine, Springvale Coal Services, Main Settlement Dam, Washery Sediment Dam, Stockpile Sediment Dam, Cooks Dam, coal fines | 24/10/06 | 3.9 | 40 | 17 | 6 | 1240 | 15 | - | |
| | | 18/11/06 | 5.5 | 54 | 15 | 6 | 1240 | 10 | - | |
| | | 31/12/06 | 4.1 | 42 | 17 | 7 | 1290 | 10 | - | 12mm rain |
| | | 25/1/07 | 3.6 | 42 | 24 | 6 | 1280 | 15 | 0.09 | 40mm rain |
| | | 1/4/07 | - | - | - | - | 1460 | - | - | |
| | | 12/4/07 | 5.1 | 54 | 18 | 9 | 1450 | 10 | 0.06 | |
| | | 22/4/07 | - | - | - | - | 1520 | - | - | |
| | | 23/4/07 | - | - | - | - | 1510 | - | - | |
| | | 29/4/07 | - | - | - | - | 1410 | - | - | 18mm rain |
| | | 6/5/07 | - | - | - | - | 1420 | - | - | |
| | | 15/5/07 | 5.98 | 68.5 | 13.55 | 6.73 | 1410 | 8.2 | <0.01 | SCA Field Data |
| | | 26/5/07 | - | - | - | - | 970 | - | - | 48mm rain |
| | | 1/6/07 | - | - | - | - | 1040 | - | - | 8mm rain |
| | | 14/6/07 | - | - | - | - | 870 | - | - | 88mm rain |
| | | 22/6/07 | - | - | - | - | 1170 | - | - | 35mm, no frogs |
| | | 30/6/07 | 6.1 | 53 | 8.5 | 7 | 1230 | 15 | 0.04 | 34mm, muddy |
| | | 23/7/07 | 6.4 | 55 | 8 | 7 | 1210 | 10 | 0.03 | Rusty creekbed |

| | | | | | | | | | |
|--|----------|-----|----|------|-----|------|-----|---|--|
| recovery project, coal conveyor, and proposed LCC Regional Solid Waste Landfill. -33.363578 150.058632 Altitude: 906m | 29/7/07 | - | - | - | - | 1180 | <10 | - | Rusty creekbed, no frogs |
| | 28/8/07 | - | - | 12.5 | 6.5 | 1120 | 10 | - | 25mm rain, rusty coloured water |
| | 7/9/07 | - | - | 10.5 | 7 | 1050 | <10 | - | Rusty creekbed, no frogs |
| | 27/9/07 | - | - | 13.5 | 6 | 1010 | 10 | - | Oil slick on surface, milky, no frogs |
| | 11/10/07 | - | - | 16 | 6 | 1010 | 10 | - | Oil slick on surface, slightly turbid |
| | 30/10/07 | - | - | - | - | 1140 | 10 | - | Oil slick with round silver blobs |
| | 4/11/07 | - | - | - | - | - | 200 | - | Turbidity after 50mm storm overnite |
| | 30/11/07 | - | - | 19.5 | - | 1140 | 10 | - | 150mm rain Nov, muddy/milky |
| | 31/12/07 | - | - | 22 | - | 1220 | 15 | - | Rust colour water, rust on creekbed |
| | 20/1/08 | - | - | 18 | 6.5 | 890 | 30 | - | Muddy after 70mm rain o'nite |
| | 2/3/08 | - | - | 15 | - | 1200 | 10 | - | 71 mm rain. Slightly muddy |
| | 2/4/08 | - | - | 15.5 | 6.5 | 1040 | 10 | - | Oil slick, flowing, rusty creekbed |
| | 30/7/08 | - | - | 8 | - | 1150 | 10 | - | Flowing, slight oil slick |
| | 30/9/08 | - | - | 13.5 | 6 | 1100 | 10 | - | Flowing, rusty colour, iron odour |
| | 31/10/08 | 3.1 | 34 | 18 | 5.5 | 1110 | 10 | 0.08 | |
| | 25/1/09 | 5.0 | 58 | 22 | 6 | 1120 | <10 | 0.06 | Milky/rust colour, good flow, Gambusia |
| | 25/2/09 | - | - | 22.5 | 6.5 | 1120 | <10 | - | Yellow/rusty, flowing, 30mm rain 7 day |
| | 1/4/09 | - | - | 17.5 | 6 | 1200 | 10 | - | 20mm o'nite,rusty,good flow,Gambusia |
| | 31/5/09 | - | - | 10 | 6 | 1390 | <10 | - | Blue/grey, oil slick |
| | 28/6/09 | - | - | 9.5 | 6.5 | 1510 | <10 | - | Flowing well, clear, slight oil slick |
| | 28/7/09 | - | - | 9 | 6 | 1500 | 15 | - | Higher flow than usual, iron odour, yellow |
| | 1/9/09 | - | - | 8.5 | 6 | 1290 | <10 | - | Usual flow, oil slick on surface. Iron odour |
| | 9/9/09 | | | | | | | | EPA Pollution Reduction Notice to Lambert's Gully Mine to reduce EC, Zn, Al, Ni, Mn in discharge from LDP006 |
| | 30/9/09 | - | - | 12 | - | 1310 | 10 | - | Yellow, oily scum on surface |
| | 6/11/09 | - | - | 17 | 6 | 1650 | 15 | - | Yellow/brown, pronounced oil slick |
| | 12/12/09 | - | - | 19 | - | 1420 | 10 | - | Low flow, rusty muck on surface, yellow |
| | 11/2/10 | 1.6 | 17 | 20 | 5.5 | 1180 | 15 | - | 60mm rain w'end, brown, oil slick, low DO |
| | 12/3/10 | 7.0 | | 16 | 6 | 1750 | <10 | - | High flow, slightly milky, poss. Gambusia |
| | 10/9/10 | - | - | - | - | - | - | - | Centennial dispute above but agree to try and reduce Ni, Zn & EC |
| 29/7/11 | - | - | - | - | - | - | - | Julie attended inspection of LDP6 with Rob Hunt, a lot of work done, aim to concrete-line creek as high metals are leaching from chitter previously dumped in creek bed | |

| | | | | | | | | |
|------------|---|---|---|---|-------|---|---|---|
| April 2012 | | | | | 2170 | | | Springvale Coal Services Enviro Monitoring Report April 2012: A total of 101.6 ML of water was discharged from LDP006 during April 2012, averaging 3.4 ML/day. Max was 6592 kL on 23 April 2012 |
| May 2012 | | | | | 2190 | | | Monitoring Report April 2012 |
| June 2012 | | | | | 1130 | | | Monitoring Report June 2012 |
| July 2012 | | | | | 554 | | | Monitoring Report July 2012 |
| Aug 2012 | | | | | 1380 | | | Monitoring Report August 2012 |
| Sept 2012 | | | | | 1480 | | | Monitoring Report August 2012 |
| 26/9/12 | - | - | - | - | >1999 | - | - | Flowing. Confronted by defensive aggressive Big Rim staff member |
| Oct 2012 | | | | | 1498 | | | Monitoring Report October 2012 |
| 22/11/12 | - | - | - | - | >1999 | - | - | Murky |
| Nov 2012 | | | | | 2130 | | | Monitoring Report November 2012 |
| Dec 2012 | | | | | 2610 | | | Monitoring Report December 2012 |
| 10/1/13 | - | - | - | - | >1999 | - | - | Brownish-milky |
| Jan 2013 | | | | | 1340 | | | Monitoring Report January 2013 |
| Feb 2013 | | | | | 1860 | | | Monitoring Report February 2013 |
| 7/3/13 | - | - | - | - | >1999 | - | - | Grey-blue |
| 7/3/2013 | | | | | 2590 | | | Monitoring Report March 2013. |
| 23/4/13 | - | - | - | - | >1999 | - | - | Milky-blue |
| April 2013 | | | | | 2790 | | | Monitoring Report April 2013. |
| May 2013 | | | | | 2490 | | | Monitoring Report May 2013. |
| June 2013 | | | | | 1100 | | | Monitoring Report June 2013. |
| July 2013 | | | | | 3000 | | | Monitoring Report July 2013. |
| Aug 2013 | | | | | 3180 | | | Monitoring Report August 2013. |
| Sept 2013 | | | | | 3140 | | | Monitoring Report September 2013. |
| Oct 2013 | | | | | NA | | | Monitoring Report Oct 2013. NA |
| Nov 2013 | | | | | NA | | | Monitoring Report November 2013. |
| Dec 2013 | | | | | NA | | | Monitoring Report December 2013. |
| Jan 2014 | | | | | NA | | | Monitoring Report January 2014. |
| Feb 2014 | | | | | NA | | | Monitoring Report February 2014 |
| Mar 2014 | | | | | 2920 | | | Monitoring Report March 2014. |
| April 2014 | | | | | 3040 | | | Monitoring Report March 2014. |
| May 2014 | | | | | 3250 | | | Monitoring Report May 2014. |

| | | | | | | | | |
|-------------------|---|---|---|-----|------------|--------|---|---|
| <i>June 2014</i> | | | | | 3040 | | | <i>Monitoring Report June 2014.</i> |
| <i>July 2014</i> | | | | | NA | | | <i>Monitoring Report July 2014.</i> |
| <i>Aug 2014</i> | | | | | 2136 | | | <i>Monitoring Report August 2014.</i> |
| 7/9/14 | - | - | - | - | >1999 | - | - | Murky |
| <i>Sept 2014</i> | | | | | 3080 | | | <i>Monitoring Report September 2014</i> |
| <i>Oct 2014</i> | | | | | 1620 | | | <i>Monitoring Report October 2014</i> |
| <i>Nov 2014</i> | | | | | NA | | | <i>Monitoring Report November 2014</i> |
| <i>Dec 2014</i> | | | | | 3670 | | | <i>Monitoring Report December 2014</i> |
| <i>Jan 2015</i> | | | | | 4194, 4330 | | | <i>Monitoring Report January 2015</i> |
| <i>Feb 2015</i> | | | | | 3420, 4550 | | | <i>Monitoring Report February 2015</i> |
| <i>Mar 2015</i> | | | | | 4480, 4530 | | | <i>Monitoring Report March 2015</i> |
| <i>April 2015</i> | | | | | 2220 | | | <i>Monitoring Report April 2015</i> |
| <i>May 2015</i> | | | | | 4000 | | | <i>Monitoring Report May 2015</i> |
| 24/5/15 | - | - | - | - | >1999 | - | - | No great flow, grey green, photo |
| <i>June 2015</i> | | | | | 3340 | | | <i>Monitoring Report June 2015</i> |
| <i>July 2015</i> | | | | | 2810 | | | <i>Monitoring Report July 2015</i> |
| <i>Aug 2015</i> | | | | | 3780 | | | <i>Monitoring Report August 2015</i> |
| <i>Sept 2015</i> | | | | | 2030 | | | <i>Monitoring Report September 2015</i> |
| <i>Nov 2015</i> | | | | | 1870 | | | <i>Monitoring Report November 2015</i> |
| <i>Dec 2015</i> | | | | | 4550 | | | <i>Monitoring Report December 2015</i> |
| 12/1/16 | - | - | - | - | >1999 | - | - | Flowing well |
| <i>Jan 2016</i> | | | | | 1703 | | | <i>Monitoring Report January 2016</i> |
| 09/02/16 | - | - | - | - | >1999 | - | - | Flowing, 200mm rain in January |
| <i>Feb 2016</i> | | | | | 4690, 4560 | | | <i>Monitoring Report February 2016</i> |
| 09/03/16 | - | - | - | - | >1999 | - | - | Flowing |
| <i>Mar 2016</i> | | | | | 4900 | | | <i>Monitoring Report March 2016</i> |
| 10/4/16 | - | - | - | - | >1999 | - | - | Flowing, salt visible roadside drain |
| 03/05/16 | - | - | - | - | >1999 | - | - | Rusty slick on water surface |
| <i>April 2016</i> | | | | 6.6 | 4550 | 8 mg/L | | <i>Monitoring Report April 2016</i> |
| <i>May 2016</i> | | | | | 4520 | | | <i>Monitoring Report April 2016</i> |
| <i>June 2016</i> | | | | | 5190 | | | <i>Monitoring Report June 2016</i> |
| <i>July 2016</i> | | | | | 4660 | | | <i>Monitoring Report July 2016</i> |
| <i>Aug 2016</i> | | | | | 2160 | | | <i>Monitoring Report August 2016</i> |
| <i>Sept 2016</i> | | | | | 3540 | | | <i>Monitoring Report September 2016</i> |
| <i>Oct 2016</i> | | | | | 3500 | | | <i>Monitoring Report October 2016</i> |
| <i>Nov 2016</i> | | | | | 3510 | | | <i>Monitoring Report November 2016</i> |
| <i>Feb 2017</i> | | | | | 4290 | | | <i>Monitoring Report February 2017</i> |

| | | | | | | | | |
|-------------|--|--|------|------|-------|--|--|--|
| Mar 2017 | | | | | 4670 | | | Monitoring Report March 2017 |
| April 2017 | | | | | 4820 | | | Monitoring Report April 2017 |
| May 2017 | | | | | 5160 | | | Monitoring Report May 2017 |
| June 2017 | | | | | 5930 | | | Monitoring Report June 2017 |
| July 2017 | | | | | 5080 | | | Monitoring Report July 2017 |
| Aug 2017 | | | | | 5000 | | | Monitoring Report August 2017 |
| Sept 2017 | | | | | 6680 | | | Monitoring Report Sept 2017 |
| 23/11/17 | | | 20.6 | 6.33 | >1999 | | | TDS 4.45ppm. Very rusty slick |
| Nov 2017 | | | | | 6000 | | | Monitoring Report November 2017 |
| Jan 2018 | | | | | 6400 | | | Monitoring Report January 2018 |
| Feb 2018 | | | | | 5540 | | | Monitoring Report February 2018 |
| Mar 2018 | | | | | 5930 | | | Monitoring Report March 2018 |
| 17/5/2018 | | | | | >1999 | | | Flowing well, rusty slick, took photo |
| Apr 2018 | | | | | 6460 | | | Monitoring Report April 2018 |
| May 2018 | | | | | 6400 | | | Monitoring Report May 2018 |
| June 2018 | | | | | 6290 | | | Monitoring Report June 2018 |
| July 2018 | | | | | 6300 | | | Monitoring Report July 2018 |
| August 2018 | | | | | 7780 | | | Highest ever recorded Salinity level Monitoring Report August 2018 |
| Sept 2018 | | | | | ND | | | ND = No Discharge, apparently? |
| Oct 2018 | | | | | 7180 | | | |
| Nov 2018 | | | | | 6010 | | | |
| Dec 2018 | | | | | 5870 | | | |
| Jan 2019 | | | | | 5170 | | | |
| Feb 2019 | | | | | 4880 | | | |
| March 2019 | | | | | 4490 | | | |
| April 2019 | | | | | 4600 | | | |
| May 2019 | | | | | 4600 | | | |
| June 2019 | | | | | 4390 | | | |
| July 2019 | | | | | 5010 | | | |
| Aug 2019 | | | | | ND | | | ND = No Discharge, apparently??? |
| 7/8/2019 | | | | | >1999 | | | |
| Sept 2019 | | | | | 4960 | | | |
| Oct 2019 | | | | | 5560 | | | |
| Nov 2019 | | | | | 5220 | | | |
| Dec 2019 | | | | | | | | |

| | | | | | | | | |
|------------|---|---|---|-----|-------|---|---|--|
| 4/12/2019 | | | | | >1999 | | | 1:30pm |
| 5/1/2020 | - | - | - | - | >1999 | - | - | 10.30am – no flow |
| 24/3/2020 | | | | 5.7 | 7400 | | | <i>Hunter Enviro Centre Monitoring</i> |
| Mar 2020 | | | | | 5180 | | | <i>Monitoring Report March 2020</i> |
| April 2020 | | | | | 5170 | | | <i>Monitoring Report April 2020</i> |
| May 2020 | | | | | 1200 | | | <i>Monitoring Report May 2020</i> |
| June 2020 | | | | | 5190 | | | <i>Monitoring Report June 2020</i> |
| July 2020 | | | | | 3810 | | | <i>Monitoring Report July 2020</i> |
| Aug 2020 | | | | | 3780 | | | <i>Monitoring Report Aug 2020</i> |
| Sept 2020 | | | | | 3410 | | | <i>Monitoring Report Sept 2020</i> |
| Oct 2020 | | | | | 3920 | | | <i>Monitoring Report Oct 2020</i> |
| Nov 2020 | | | | | 3380 | | | <i>Monitoring Report Nov 2020</i> |
| Dec 2020 | | | | | 3210 | | | <i>Monitoring Report Dec 2020</i> |
| Jan 2021 | | | | | 1,601 | | | <i>Collated Monitoring Report 2021</i> |
| Feb 2021 | | | | | 2,770 | | | <i>Collated Monitoring Report 2021</i> |
| Mar 2021 | | | | | 3,240 | | | <i>Collated Monitoring Report 2021</i> |
| Apr 2021 | | | | | 3240 | | | <i>Collated Monitoring Report 2021</i> |
| May 2021 | | | | | 3,400 | | | <i>Collated Monitoring Report 2021</i> |
| Jun 2021 | | | | | 3,180 | | | <i>Collated Monitoring Report 2021</i> |
| Jul 2021 | | | | | 3,490 | | | <i>Collated Monitoring Report 2021</i> |
| Aug 2021 | | | | | 3,250 | | | <i>Collated Monitoring Report 2021</i> |
| Sept 2021 | | | | | 2,830 | | | <i>Collated Monitoring Report 2021</i> |
| Oct 2021 | | | | | 3120 | | | <i>Collated Monitoring Report 2021</i> |
| 3/11/2021 | | | | | 3490 | | | <i>Collated Monitoring Report 2021</i> |
| 1/12/2021 | | | | | 2870 | | | <i>Collated Monitoring Report 2021</i> |
| 5/1/2022 | | | | | 2670 | | | <i>Collated Monitoring Report 2022</i> |
| 2/2/2022 | | | | | 2520 | | | <i>Collated Monitoring Report 2022</i> |
| 2/3/2022 | | | | | 2570 | | | <i>Collated Monitoring Report 2022</i> |
| 6/4/2022 | | | | | 2269 | | | <i>Collated Monitoring Report 2022</i> |
| 19/5/2022 | | | | | 2490 | | | <i>Collated Monitoring Report 2022</i> |
| 2/6/2022 | | | | | 2660 | | | <i>Collated Monitoring Report 2022</i> |
| 7/7/2022 | | | | | 2220 | | | <i>Collated Monitoring Report 2022</i> |
| 3/8/2022 | | | | | 2340 | | | <i>Collated Monitoring Report 2022</i> |
| 8/9/2022 | | | | | 2920 | | | <i>Collated Monitoring Report 2022</i> |
| 6/10/2022 | | | | | 2120 | | | <i>Collated Monitoring Report 2022</i> |
| 3/11/2022 | | | | | 2550 | | | <i>Collated Monitoring Report 2022</i> |
| 1/12/2022 | | | | | 2690 | | | <i>Collated Monitoring Report 2022</i> |

| | | | | | | | | |
|------------|---|---|------|------|-----------|-----|---|--------------------------------------|
| 5/1/2023 | | | | | 2614 | | | Monitoring Report Jan 2023 |
| 9/2/2023 | | | | | 3320 | | | Monitoring Report Feb 2023 |
| 2/3/2023 | | | | | 2970 | | | Monitoring Report Mar 2023 |
| 12/4/2023 | | | | | 3470 | | | Monitoring Report Apr 2023 |
| 4/5/2023 | | | | | 2610 | | | Monitoring Report May 2023 |
| 8/6/2023 | | | | | 3960 | | | Monitoring Report Jun 2023 |
| 8/7/2023 | | | | | 3376 | | | Monitoring Report Jul 2023 |
| 3/8/2023 | | | | | 3340 | | | Monitoring Report Aug 2023 |
| 7/9/2023 | | | | | 3643 | | | Monitoring Report Sept 2023 |
| 28/9/2023 | - | - | - | - | >1999 | - | - | Murky |
| 4/10/2023 | - | - | - | - | 3461 | - | - | Monitoring Report Oct 2023 |
| 2/11/2023 | - | - | - | - | 3870 | - | - | Monitoring Report Nov 2023 |
| 7/12/2023 | - | - | - | - | 2940 | - | - | Monitoring Report Dec 2023 |
| 4/1/2024 | - | - | - | - | 3150 | - | - | Monitoring Report Jan 2024 |
| 1/2/2024 | - | - | - | - | 2882 | - | - | Monitoring Report Feb 2024 |
| 22/2/2024 | - | - | - | - | 2329 | - | - | Monitoring Report Feb 2024 |
| 2/03/2024 | - | - | - | - | 990 | - | - | Very variable readings: 950 - 1070 |
| 7/03/2024 | - | - | - | 6.9 | 2960 | 3.6 | - | Monitoring Report Mar 2024 |
| 4/04/2024 | - | - | - | - | >1999 | - | - | Rusty oil slick, photo taken |
| 4/05/2024 | - | - | - | - | >1999 | - | - | Flowing. Rusty oil slick |
| 6/6/2024 | - | - | - | - | 3,516 | - | - | Monitoring Report May 2024 |
| 26/7/2024 | - | - | - | - | 1470-1560 | - | - | Slight flow. EC very variable |
| 21/11/2024 | - | - | - | - | >1999 | 35 | - | The usual rusty slick |
| 2/12/2024 | - | - | - | - | 1040 | 40 | - | 110mm rain past 2hrs |
| 31/1/2025 | - | - | - | - | >1999 | <10 | - | Looks murky, but <10NTU |
| 28/2/2025 | - | - | - | - | >1999 | <10 | - | Slight flow |
| 16/4/2025 | - | - | - | - | >1999 | - | - | Usual rusty slick on water surface |
| 30/5/2025 | - | - | - | - | >1999 | - | - | The usual rusty slick |
| 29/7/2025 | - | - | 9.3 | 7.68 | 3,320 | | | 25mm rain last 7 days. Surface clear |
| 1/09/2025 | - | - | 8.3 | 7.65 | 606 | | | TDS 431ppm. 0.3ppt |
| 22/9/2025 | - | - | 15.2 | 7.6 | 426 | | | TDS 302ppm. 0.21ppt |
| 28/10/2025 | | | 15.0 | 7.07 | 4,030 | | | TDS 2.86ppt (2860ppm). 2.01ppt |
| 10/11 2025 | | | 18.4 | 7.41 | 4,260 | | | TDS 3.04ppt (3040ppm. 2.12ppt |
| 2/12/2025 | | | 16.9 | 6.73 | 4,250 | 32 | | TDS 3,010 ppm. 2.13 ppt. V rusty |
| 9/12/2025 | | | 26.1 | 7.3 | 4,350 | | | TDS 3,100 ppm. 2.19 ppt |
| 14/01/2026 | | | | | 4,080 | | | |
| 27/01/2026 | | | 24.4 | 7.26 | 4,180 | 10 | | TDS 2,970 ppm. 2.10 ppt. EPA |

| | | | | | | | | | |
|--|------------|--|--|------|------|-------|----|--|--|
| | | | | | | | | | Clean-up Notice issued 23/01/2026 |
| | 31/03/2026 | | | 17.2 | 7.25 | 3,990 | | | TDS 2,830 ppm. 2.00 ppt |
| | 7/04/2026 | | | 17.7 | 7.34 | 3,570 | | | TDS 2,540 ppm. 1.79 ppt |
| | 5/05/2026 | | | 13 | 7.52 | 3,960 | 10 | | TDS 2,800 ppm. 1.97 ppt. High flow |
| | 21/05/2026 | | | 16 | 7.49 | 4,220 | 10 | | TDS 2,990 ppm. 2.11 ppt. Video |

| | | | | | | | | | | |
|-----------|---|----------|----|---|------|-----|------|--------------------------------------|---|--------------------------------------|
| 19 | Un-named Creek, Castlereagh Hwy, Blackman's Flat (downstream Mt Piper power station, 150m SE of Site 5) -33.35098 150.04369 Altitude: 919m | 30/1/07 | - | - | - | - | 1680 | - | - | |
| | | 13/2/07 | - | - | - | - | 1460 | - | - | 39mm rain |
| | | 19/2/07 | - | - | - | - | 1480 | - | - | 10mm rain |
| | | 1/4/07 | - | - | - | - | 1280 | - | - | |
| | | 21/5/07 | - | - | - | - | 1210 | - | - | 48mm rain |
| | | 26/5/07 | - | - | - | - | 1320 | - | - | |
| | | 1/6/07 | - | - | - | - | 1320 | - | - | 8mm rain |
| | | 14/6/07 | - | - | - | - | 1010 | - | - | 88mm rain, muddy |
| | | 30/6/07 | - | - | - | - | 910 | - | - | 200mm+ rain June, grey |
| | | 15/7/07 | - | - | - | - | 990 | <10 | - | Iced-over surface |
| | | 19/7/07 | - | - | - | - | 1030 | <10 | - | Ice d-over surface |
| | | 29/7/07 | - | - | - | - | 1080 | <10 | - | Ice d-over surface |
| | | 28/8/07 | - | - | - | - | 1070 | <10 | - | 25mm rain. Flowing slightly. |
| | | 9/9/07 | - | - | 9.5 | 7.5 | 1100 | <10 | - | Clear, some frog calls |
| | | 11/10/07 | - | - | - | - | - | - | - | Bone dry for first time ever |
| | | 30/10/07 | - | - | - | - | 1140 | <10 | - | |
| | | 4/11/07 | - | - | - | - | - | 100 | - | Turbidity after 50mm storm overnite |
| | | 30/11/07 | - | - | 16 | - | 1020 | <10 | - | 150mm rain Nov, |
| | | 31/12/07 | - | - | 22 | - | 960 | 20 | - | Not flowing, muddy |
| | | 2/3/08 | - | - | 15 | - | 860 | <10 | - | 71 mm rain during week |
| | | 2/4/08 | - | - | 15 | - | 910 | <10 | - | Not flowing |
| | | 29/5/08 | - | - | 8 | - | 1050 | <10 | - | 15mm rain o'nite, slight flow |
| | | 30/7/08 | - | - | 5 | - | 1050 | <10 | - | Flowing slightly, iced-over, clear |
| | | 30/9/08 | - | - | 11 | - | 930 | <10 | - | Slight flow |
| | | 31/10/08 | - | - | 17 | - | 880 | 15 | - | Slight flow, slightly muddy |
| | | 25/11/09 | - | - | - | - | - | - | - | Bone dry, for only the 2nd time ever |
| 1/4/09 | - | - | 16 | - | 950 | <10 | - | 20mm rain o/nite, flowing | | |
| 31/5/09 | - | - | 9 | - | 1140 | <10 | - | Slight flow, 70mm rain last 7 days | | |
| 28/6/09 | - | - | 6 | - | 1240 | <10 | - | Slight flow, rain o'nite | | |
| 30/9/09 | - | - | - | - | 1140 | <10 | - | Slight flow | | |
| 7/11/09 | - | - | - | - | - | - | - | Bone dry, for only the 3rd time ever | | |

| | | | | | | | | | | |
|-----------|---|-----------|------|------|-------|-----|------|-----------------------|------|---|
| | | 12/12/09 | - | - | - | - | - | - | - | Bone dry |
| | | 11/2/10 | - | - | 17.5 | - | 1010 | <10 | - | 60mm rain w'end, flowing |
| | | 12/3/10 | - | - | 15 | - | 1360 | <10 | - | Slight flow |
| | | 30/5/2025 | - | - | - | - | 990 | - | - | With Andrew, Keith, Julie |
| | | | | | | | | | | |
| 20 | Cox's River, Duddawarra Bridge, Coxs River Rd, S side of bridge, 75km from start Coxs R -33.618093 150.161409 Altitude: 578m | 21/12/06 | 6.2 | 68 | 20 | 8 | 760 | <10 | 0.09 | 12mm rain |
| | | 21/1/07 | 1.8 | 20 | 23.5 | 7 | 580 | 10 | 0.39 | 69mm rain |
| | | 16/4/07 | 8.5 | 90 | 18 | 8 | 590 | <10 | 0.04 | |
| | | 15/5/07 | 7.76 | 89 | 13.55 | 7.8 | 597 | 46.1 | 0.01 | SCA Field Data |
| | | 28/6/07 | 7.4 | 61 | 7.5 | 7 | 170 | 60 | 0.07 | 200mm+ rain June |
| | | 26/7/07 | 5.5 | 46 | 8 | 7 | 250 | <10 | 0.08 | Tea coloured |
| | | 26/8/07 | 4.9 | 43 | 9 | 7 | 240 | 10 | 0.07 | 25mm rain, tea colour, lots frogs |
| | | 27/9/07 | 6.7 | 66 | 14.5 | 7.5 | 330 | <10 | 0.05 | Tea color, lots frogs, birds, ducks |
| | | 9/3/08 | 5.6 | 66 | 21 | 7 | 270 | <10 | 0.11 | 7mm rain, Tea colour, moorhens |
| | | 26/2/09 | 5.0 | 58 | 21 | 7 | 220 | <10 | 0.13 | Clear, 30 mm rain last 7 days |
| | | 1/9/09 | 7.2 | 69 | 11 | 8 | 300 | <10 | 0.08 | Clear, recent rain, frog calls |
| | | 16/8/15 | - | - | - | - | 410 | - | - | Clear, flowing well. Freshwater Mussell (<i>Corbicula australis</i>) |
| | | 10/9/15 | - | - | - | - | 450 | - | - | |
| | | 19/11/15 | - | - | - | - | 450 | - | - | |
| | | 09/02/16 | - | - | - | - | 470 | - | - | |
| | | 09/03/16 | - | - | - | - | 550 | - | - | |
| | | 10/4/16 | - | - | - | - | 580 | - | - | |
| | | 03/05/16 | - | - | - | - | 580 | - | - | |
| | | 15/11/16 | - | - | - | - | 510 | - | - | |
| | | 16/2/17 | - | - | - | - | 530 | - | - | |
| | | 21/8/17 | - | - | - | - | 500 | - | - | |
| | | 15/10/17 | - | - | - | - | 590 | - | - | 580 at Boris's |
| | | 17/4/18 | - | - | 17.1 | - | 690 | - | - | 2 nd Highest since 21/12/06 |
| | | 27/05/19 | - | - | - | - | 720 | - | - | Drizzly, snow fell 1 hr later |
| | | 5/12/2019 | - | - | - | - | 830 | - | - | Highest EC since recording began |
| | | 9/1/2020 | - | - | 22 | - | 810 | - | - | Flowing, Energy/Aust release? |
| 28/9/2023 | - | - | - | - | 270 | - | - | Flowing well | | |
| 31/1/2025 | - | - | - | - | 310 | <10 | - | Good flow | | |
| 28/2/2025 | - | - | - | - | 290 | 20 | - | Murky | | |
| 6/05/2026 | | | 11.9 | 8.05 | 289 | <10 | | TDS 205 ppm. 0.14 ppt | | |
| | | | | | | | | | | |

| | | | | | | | | | | |
|----------|--|-----------|-------|-------|-------|------|------|----------------------------------|------|--|
| 21 | Thompson's Ck Dam, Willow Vale Rd, Wallerawang -33.4308317 150.0111455 Altitude 1036 m | 3/1/2007 | - | - | - | - | 550 | - | - | |
| | | 3/6/2009 | - | - | 11 | - | 590 | <10 | - | 41% capacity. Higher than last time |
| | | 30/9/2023 | - | - | - | - | 510 | - | - | 94.5% capacity (Energy Aust website). Discharge pipe at base of dam into Thompsons Ck/Pipers Flat Ck gushing. Photos taken. Thompson's Ck Portland - Wallerawang Rd = 500EC. Pipers Flat Ck Bray's Lane = 510EC |
| 22 | Cox's River, Marrangaroo National Park between Lake Wallace & Lake Lyell (Mt Walker Fire Trail) Approx. 5km downstream from Lake Wallace, about 27km downstream from headwaters. (Note a Monitoring Gauge 212058 managed by Energy Australia (?) is located about 3km downstream against which LEG compares our EC data.) -33.470274 150.082585 Altitude: 812m | 1/5/07 | 6.7 | 66 | 14 | 8 | 1770 | 15 | 0.01 | Water grey |
| | | 3/5/07 | 5.6 | 57 | 14 | 8 | 1770 | 15 | 0.43 | Water grey |
| | | 7/5/07 | - | - | - | - | 1880 | - | - | Water grey |
| | | 10/5/07 | - | - | - | - | 1810 | - | - | Water grey |
| | | 15/5/07 | 10.93 | 122.9 | 12.56 | 8.62 | 1970 | 19.7 | 0.15 | SCA Field Data |
| | | 17/5/07 | - | - | - | - | 1650 | - | - | 3mm rain, grey |
| | | 24/5/07 | - | - | - | - | 1520 | - | - | 48mm rain, grey |
| | | 1/6/07 | - | - | - | - | 1610 | - | - | 200mm+ rain June, grey |
| | | 19/7/07 | 7.3 | 58 | 6 | 8 | 480 | 20 | 0.09 | Flowing, water grey |
| | | 22/7/07 | - | - | - | - | 1010 | 15 | - | Water grey, odour |
| | | 26/7/07 | - | - | - | - | 970 | 20 | - | Water grey |
| | | 17/8/07 | - | - | 9.5 | - | 1270 | 15 | - | 8mm rain yesterday, water grey |
| | | 31/8/07 | 8.1 | 73 | 11.5 | 8.5 | 960 | 15 | 0.09 | 25mm rain, grey/green |
| | | 11/10/07 | - | - | 17.5 | 8.5 | 1370 | <10 | - | Much clearer than usual |
| | | 4/11/08 | 4.7 | 48 | 16 | 7.5 | 670 | <10 | 0.16 | Clearer than before, more bullrushes |
| | | 31/1/09 | 4.4 | 50 | 21 | 7.5 | 760 | <10 | 0.40 | Clearer than usual, lots of cumbungi |
| | | 3/6/09 | 7.6 | 70 | 11 | 8 | 850 | <10 | - | Flowing,clear, Lake W <u>not</u> overflowing |
| | | 5/9/09 | 7.4 | 69 | 10 | 8.5 | 1090 | <10 | 0.17 | Flowing,clear, Lake W <u>not</u> overflowing |
| | | 3/11/09 | 6.0 | 78 | 22 | 8 | 1340 | <10 | 0.34 | Flowing,clear, Lake W <u>not</u> overflowing |
| | | 11/12/09 | 6.5 | - | 20 | 8 | 1320 | <10 | 0.44 | Flowing,clear,Lake W <u>not</u> overflowing |
| | | 13/3/10 | 9.0 | - | 17.5 | 8 | 1410 | <10 | 0.32 | Rotten egg gas odour, <u>not</u> overflowing |
| | | 4/8/15 | - | - | - | - | 760 | - | - | Lake Wallace overflowing |
| | | 12/1/16 | - | - | - | - | 810 | - | - | A huge tiger snake! Lake overflowing |
| 09/03/16 | - | - | - | - | 1020 | - | - | | | |
| 10/4/16 | - | - | - | - | 1040 | - | - | | | |
| 03/05/16 | - | - | - | - | 1040 | - | - | | | |
| 16/2/17 | - | - | - | - | 930 | - | - | | | |
| 21/8/17 | - | - | - | - | 1080 | - | - | Saw Ranger Pat. Found a lockspit | | |
| 9/10/17 | - | - | - | - | 1110 | - | - | Grevillea arenaria in flower | | |

| | | | | | | | | |
|------------|------|---|------|------|-------------|------|---|---|
| 16/4/18 | - | - | 18.3 | - | 1100 | - | - | Marrangaroo Ck 30EC, 16 degrees |
| 17/4/18 | - | - | - | - | 1160 | - | - | |
| 21/8/18 | - | - | - | - | 1230 | - | - | Highest since 13/3/10 |
| 20/9/18 | - | - | - | - | 1080 | - | - | |
| 28/5/19 | - | - | - | - | 1010 | - | - | Flowing well |
| 13/3/2020 | - | - | - | - | 350 | - | - | Flowing well. Assume high inflow from Marrangaroo Ck after rain and fire-cleared catchment |
| 15/4/2020 | - | - | - | - | 390 | - | - | |
| 4/2/2021 | - | - | - | - | 540 | - | - | |
| 7/9/2022 | - | - | - | - | 280 | - | - | Best EC ever, in wettest year ever |
| 11/5/2023 | - | - | - | - | 550 | - | - | Flowing well |
| 29/9/2023 | - | - | - | - | 590 | - | - | NOW 212058 = 587.3 on 29/9/2023 confirming accuracy LEG meter. NPWS done great job grading road. |
| 2/11/2023 | 8.2 | - | 21.4 | 8.5 | 528 | 0.8 | - | <i>NOW Gauge 212058</i> |
| 2/03/2024 | - | - | - | - | 541.5 | - | - | <i>NOW Gauge 212058 09:00 02/03</i> |
| 4/04/2024 | - | - | 16.6 | 8 | 484.3 | 0.9 | - | <i>NOW Gauge 212058. 15:15</i> |
| 7/04/2024 | - | - | 18.7 | 7.8 | 434.9 | 60.2 | - | <i>NOW Gauge 212058. 14:45</i> |
| 9/05/2024 | - | - | - | - | 430 (10:50) | - | - | <i>NOW Gauge 212058 = 412.2 17:15</i> |
| 21/11/2024 | - | - | 24.1 | 8.7 | 573.9 | 6.2 | - | <i>NOW Gauge 212058. 14:00</i> |
| 31/1/2025 | 8.5 | - | 21.1 | 8.4 | 372.8 | 2.5 | - | <i>NOW Gauge 212058 18:45</i> |
| 18/2/2025 | - | - | - | - | 370 | <10 | - | <i>NOW Gauge 212058 379.3 EC. Clear but lots of stringy green algae</i> |
| 14/3/2025 | - | - | - | - | 510 | <10 | - | <i>NOW 212058 = 550EC @08:15</i> |
| 30/5/2025 | 11 | - | 10.7 | 8.5 | 532 | 2 | - | <i>NOW 212058 @14:30</i> |
| 29/7/2025 | 11.4 | - | 8.8 | 8.94 | 643 | 1.9 | - | 25mm rain last 7 days <i>NOW 212058 = 628.1 @17:00</i> |
| 1/09/2025 | | | 10.9 | 8.9 | 470.8 | 3.9 | - | <i>NOW 212058 @16:15</i> |
| 28/10/2025 | | | | | 353.5 | | - | <i>NOW 212058 353.5EC @13:15</i> |
| 3/12/2025 | | | | | 391.5 | | - | <i>NOW 212058 391.5EC @11:00</i> |
| 12/12/2025 | | | 18.9 | 8.2 | 374 | | - | TDS 267 ppm. 0.19 ppt |
| 10/03/2026 | | | | | 514.4 | | - | <i>NOW 212058</i> |
| 31/03/2026 | | | 17.1 | 8.33 | 555 | <10 | - | TDS 394 ppm. 0.28 ppt. <i>NOW 212058: 567.5 EC @16:15</i> |
| 29/4/2026 | | | 13.6 | 8.37 | 567 | <10 | - | TDS 404 ppm. 0.28 ppt. <i>NOW</i> |

| | | | | | | | | | | |
|----|---|----------|------|------|-------|------|-------|------|------|---|
| | | | | | | | | | | |
| 23 | <p>“Tortuous Water course”, Rocky Waterhole Drive, Wallerawang – Wang Power Station No. 8 cooling tower blowdown drain, concentrates from demin plant, and other discharges into Cox’s River below Lake Wallace (includes Springvale Transfer up to June 2008)</p> <p>-33.424470 150.08149 Altitude: 870m</p> | 1/5/07 | 6.9 | 74 | 17.5 | 8 | >1999 | 20 | 0.65 | Water grey |
| | | 3/5/07 | - | - | - | - | >1999 | - | - | Water grey |
| | | 6/5/07 | - | - | - | - | >1999 | - | - | Water grey |
| | | 7/5/07 | - | - | - | - | >1999 | - | - | Water grey |
| | | 10/5/07 | - | - | - | - | >1999 | - | - | Water grey |
| | | 13/5/07 | - | - | - | - | >1999 | - | - | Water grey |
| | | 14/5/07 | - | - | - | - | >1999 | - | - | Water grey |
| | | 15/5/07 | 7.28 | 91.9 | 17.82 | 8.42 | 2140 | 46.1 | 0.22 | SCA Field Data |
| | | 17/5/07 | - | - | - | - | >1999 | - | - | Water grey |
| | | 24/5/07 | - | - | - | - | >1999 | - | - | 48mm rain, water grey |
| | | 1/6/07 | - | - | - | - | >1999 | - | - | 200mm+ rain June, water grey |
| | | 14/6/07 | - | - | - | - | 1800 | 40 | - | 88mm rain, water grey |
| | | 22/6/07 | - | - | - | - | 950 | 40 | - | Water grey, rain upstream |
| | | 12/7/07 | - | - | - | - | 1620 | 40 | - | Water grey, froth |
| | | 17/7/07 | - | - | - | - | 1710 | 40 | - | Water grey, froth |
| | | 19/7/07 | 5.6 | 48 | 9 | 8.5 | 1880 | 50 | 0.28 | Water grey, has a sewage odour |
| | | 22/7/07 | - | - | - | - | 1820 | 40 | - | Water grey, has a sewage odour |
| | | 26/7/07 | - | - | - | - | 1790 | 40 | - | Photo taken of dirty froth |
| | | 4/8/07 | - | - | - | 8.5 | 1710 | 40 | - | 4mm rain o’nite, dirty grey |
| | | 17/8/07 | 7.3 | 71 | 14 | 8.0 | >1999 | 20 | 0.16 | 8mm rain, grey, flow more than usual |
| | | 31/8/07 | - | - | 18 | 8.5 | 1840 | 30 | - | 25mm rain, grey, froth, 12.5°C in river |
| | | 7/9/07 | - | - | 17 | 8.5 | >1999 | 30 | - | Water grey, warmer than Cox’s R |
| | | 14/9/07 | - | - | 16 | 8.5 | 1840 | 30 | - | Water grey |
| | | 24/9/07 | - | - | 16 | 8.5 | 1950 | 30 | - | Water grey, 3°C warmer than Cox’s |
| | | 11/10/07 | 5.6 | 64 | 21.5 | 8.5 | >1999 | 30 | 0.08 | Water grey, 4.5°C warmer than Cox’s |
| | | 4/11/07 | - | - | - | - | 1870 | 30 | - | Turbidity after 50mm storm overnite |
| | | 6/12/07 | 4.1 | 47 | 22.5 | 8.5 | 1960 | 20 | 0.44 | 150mm rain 23mm 2 days ago |
| | | 31/12/07 | 5.0 | 60 | 24.5 | 8.5 | 1580 | 30 | 0.27 | Slight detergent/chemical odour |
| | | 20/1/08 | 6.0 | 66 | 20 | 8.5 | >1999 | 15 | 0.58 | 70mm rain o’nite. Sewage odour. |
| | | 2/3/08 | 6.0 | 62 | 17 | 8.5 | 1940 | 20 | 0.78 | 71 mm rain, red stain on bank |
| | | 9/4/08 | 7.2 | 77 | 18 | 8.0 | 1980 | 40 | 0.45 | Day after acid spill at Wang Power Stati |
| | | 29/5/08 | 6.5 | 59 | 11 | 8.0 | 1830 | <10 | 0.17 | Lowest flow ever, just a trickle |
| | | 17/6/08 | - | - | - | - | 1930 | <10 | - | Flowing usual amount, clear, some froth |
| | | 3/7/08 | - | - | 10 | - | 1830 | 20 | - | High flow, lots of dirty froth |
| | | 29/7/08 | - | 76 | 11 | 8.5 | 2464 | 26 | - | Uni EC metre, green, froth, organic odour |

| | | | | | | | | | | |
|-----------|--|-----------|-----|----|------|-----|-------|-----|------|---|
| | | 12/8/08 | - | - | 9 | 7.5 | >1999 | 30 | - | Flowing well, grey, froth, odour |
| | | 1/10/08 | 6.4 | 64 | 15 | 8 | 1610 | 20 | 0.08 | Transfer <u>not</u> flowing, less froth, clearer |
| | | 4/11/08 | 4.7 | 50 | 19 | 8 | 1580 | 15 | 0.35 | Algal smell, Cox's River 14 ⁰ C , |
| | | 28/1/09 | 4.7 | 56 | 24.5 | 8 | 950 | 15 | 0.33 | Flowing well, cleaner than usual |
| | | 1/3/09 | 5.5 | 63 | 21.5 | 8.5 | 1480 | 15 | 0.40 | Flowing well, AP 0.1 in Lake Wallace |
| | | 1/4/09 | 5.8 | 60 | 18 | 8 | 1720 | 15 | - | 20mm o'nite, grey |
| | | 29/5/09 | 5.9 | 57 | 14 | 8 | >1999 | 20 | - | 70mm rain. Froth, 4 ⁰ warmer than Lake |
| | | 28/6/09 | - | - | 12 | 8 | >1999 | 10 | - | Rain o'nite. Normal flow. 3 ⁰ warmer |
| | | 1/9/09 | 6.8 | 67 | 12 | 8.5 | 1860 | <10 | 0.20 | Clear, recent rain, dam <u>not</u> o'flowing |
| | | 4/11/09 | 4.6 | 60 | 22.5 | 8.5 | 1980 | 10 | 0.36 | Slightly murky, minor froth on surface |
| | | 11/12/09 | 5.7 | | 21 | 8.5 | 1700 | 15 | 0.44 | No.8 Unit <u>not operating</u> this week |
| | | 3/1/10 | - | - | - | - | - | - | - | Not flowing , Unit 7 & 8 out over Xmas |
| | | 10/1/10 | 5.4 | | 27 | 9 | 1380 | 15 | - | Unit 8 still out, Unit 7 started again Sun. Lake not o'flowing, despite rain & STR? |
| | | 21/2/10 | - | - | - | - | - | - | - | Unit 8 started again 21/2/10 |
| | | 12/3/10 | 7.3 | | 19 | 7.5 | >1999 | 15 | 0.83 | Lake Wallace <u>not</u> overflowing |
| | | 19/10/10 | 8.8 | - | 18 | 8.0 | >1999 | 15 | 0.33 | Lake Wallace overflowing |
| | | 23/1/11 | - | - | - | - | - | - | - | Unit 7 out 23/1/11 |
| | | 20/2/11 | - | - | - | - | - | - | - | Unit 7 out Sunday, on again Monday |
| | | 26/9/12 | - | - | - | - | 1680 | - | - | Flow higher than usual, murky |
| | | 7/9/2014 | - | - | - | - | 640 | - | - | Very low flow, drain cleaned out, Unit 7 & 8 stopped in April 2014? |
| | | 24/5/15 | - | - | - | - | 440 | - | - | Some flow, prob rainfall runoff |
| | | 28/9/2023 | | | | | | | | No longer flows |
| | | | | | | | | | | |
| 24 | Cox's River, Great Western Highway, Wallerawang | 13/5/07 | - | - | - | - | 1960 | - | - | Water is grey |
| | | 17/5/07 | - | - | - | - | 1900 | - | - | 3mm rain, grey |
| | | 24/5/07 | - | - | - | - | 1860 | - | - | 48mm rain, grey |
| | | 1/6/07 | - | - | - | - | 1880 | - | - | 8mm rain, grey |
| | | 14/6/07 | - | - | - | - | 1270 | - | - | 88mm rain, grey |
| | | 12/7/07 | - | - | - | 8.5 | 1620 | 40 | - | Usual froth, grey |
| | | 19/7/07 | 5.7 | 48 | 8 | 8.5 | 1640 | 40 | 0.23 | Grey, odour |
| | | 26/7/07 | - | - | - | - | 1580 | 30 | - | Grey |
| | | 4/8/07 | - | - | - | 8.5 | 1450 | 40 | - | 4mm rain o'nite, grey |
| | | 17/8/07 | - | - | 10 | 8.5 | 1780 | 20 | - | 8mm rain yesterday, grey |
| | | 31/8/07 | 5.7 | 61 | 18 | 8.5 | 1640 | 30 | 0.09 | 25mm rain, Temp 12.5 ⁰ upstream |
| | | 7/9/07 | - | - | 16 | 8.5 | 1760 | 30 | - | Temp 12.5 ⁰ C upstream of discharge |

| | | | | | | | | | | |
|-----------|---|-----------|-----|----|------|-----|------|-----|------|---|
| | | 24/9/07 | - | - | 15 | 8 | 1470 | 15 | - | Temp 13°C upstream, |
| | | 11/10/07 | - | - | 20.5 | 8.5 | 1610 | 15 | - | Temp 17°C upstream |
| | | 6/12/07 | 5.0 | 58 | 22.5 | 8.5 | 1590 | 15 | 0.58 | 150mm rain Nov 23mm 2 days ago |
| | | 31/12/07 | 6.9 | 84 | 24 | 8.0 | 1420 | 20 | 1.71 | Grey/blue, rotten weed/sewage smell |
| | | 20/1/08 | 6.2 | 66 | 20 | 7.5 | 1600 | 15 | 0.44 | 70mm rain o'nite. Odour. Milky |
| | | 2/3/08 | 5.8 | 60 | 17 | 8.0 | 1500 | 15 | 0.74 | 71 mm rain, red stain on bank |
| | | 17/6/08 | - | - | - | - | 1410 | 10 | - | Slightly green, s.l. privet fruiting |
| | | 3/7/08 | - | - | 9 | 7.5 | 1500 | 15 | - | Grey/green. Odour. SL Privet in fruit |
| | | 29/7/08 | - | - | 10 | 8 | 1860 | - | - | Grey/green, rich algal odour |
| | | 28/1/09 | 4.4 | 53 | 24.5 | 7.5 | 820 | 15 | 0.40 | Slightly murky, organic odour |
| | | 3/3/09 | 5.0 | | 19.5 | 7.5 | 1200 | 10 | 0.43 | Less murky than usual, a crayfish |
| | | 1/4/09 | 5.4 | 58 | 18 | 8 | 1300 | 10 | - | 18mm o/nite, dam wall <u>not</u> o/flowing |
| | | 29/5/09 | 5.5 | 53 | 13 | 8 | 1820 | 15 | - | 70mm rain, grey, dam <u>not</u> overflowing |
| | | 28/6/09 | - | - | 11.5 | 8 | 1780 | 10 | - | Rain o'nite, dam wall <u>not</u> overflowing |
| | | 1/9/09 | 6.5 | 66 | 13 | 8.5 | 1570 | <10 | 0.16 | Clearer than usual, dam <u>not</u> overflow'g |
| | | 4/11/09 | 5.1 | 66 | 21.5 | 8 | 1680 | 10 | 0.35 | 2 water dragons, clear, dam <u>not</u> o'flowg |
| | | 12/3/10 | 7.0 | | 18 | 8 | 1630 | 10 | 0.64 | Lake Wallace <u>not</u> overflowing |
| | | 19/10/10 | - | - | 17 | 8 | 1030 | 10 | 0.28 | Lake Wallace overflowing |
| | | 7/9/2014 | | | | | 1110 | | | Lake Wallace o/flowing, Tort W/course minimal flow. |
| | | 24/5/15 | - | - | - | - | 940 | - | - | Dam overflowing |
| | | 24/11/15 | - | - | - | - | 1060 | - | - | Dam overflowing |
| | | 28/9/2023 | - | - | - | - | 660 | - | - | Dam overflowing. TCR operating. |
| | | | | | | | | | | |
| 25 | Coxs River, McKanes Falls Bridge -33.549305 150.124166 Altitude: 717m | 7/5/07 | - | - | - | - | 740 | - | - | |
| | | 25/5/07 | - | - | - | - | 640 | - | - | 48mm rain |
| | | 26/7/07 | - | - | - | - | 250 | <10 | - | 200mm+ rain in June |
| | | 27/9/07 | - | - | 14 | 7.5 | 390 | <10 | - | A bit turbid, lots frogs, birds |
| | | 1/1/08 | - | - | - | - | 350 | <10 | - | Froth & bubbles. Floating water weed |
| | | 9/3/08 | 5.7 | 64 | 20.5 | 7.5 | 340 | <10 | 0.20 | 7mm storm 2 days ago, tea-tree stain |
| | | 30/7/08 | - | - | 6 | 7.5 | 430 | <10 | - | Flowing well, clear |
| | | 30/9/08 | - | - | 16 | - | 310 | <10 | - | Slightly murky, flowing well |
| | | 26/2/09 | - | - | 19.5 | 7 | 480 | <10 | - | Clear, 30mm rain last 7 days |
| | | 30/3/09 | - | - | 17.5 | 7.5 | 500 | <10 | - | Flowing well, clear, Gambusia |
| | | 30/4/09 | 7.3 | 70 | 12.5 | 7.5 | 460 | <10 | - | Flowing well, clear |
| | | 28/5/09 | - | - | 11.5 | 7 | 350 | <10 | - | Flowing well, reasonably clear |
| | | 29/6/09 | - | - | 9 | 7.5 | 370 | <10 | - | Flowing well, clear |

| | | | | | | | | |
|------------|--------------------------------|------------|------|------|-----|-----|---|---|
| 28/7/09 | - | - | 8 | - | 380 | <10 | - | Recent rain |
| 1/9/09 | - | - | 11 | - | 330 | <10 | - | Recent rain, clear |
| 13/3/10 | - | - | 14.5 | - | 650 | <10 | - | Slightly murky |
| 5/8/10 | - | - | 6 | - | 340 | 10 | - | Slightly murky after heavy rain |
| 14/1/16 | - | - | - | - | 590 | - | - | Clear |
| 09/02/16 | - | - | - | - | 550 | - | - | Flowing, 200mm rain in January |
| 09/03/16 | - | - | - | - | 590 | - | - | |
| 10/4/16 | - | - | - | - | 600 | - | - | |
| 03/05/16 | - | - | - | - | 610 | - | - | |
| 21/8/17 | - | - | - | - | 540 | - | - | |
| 17/4/18 | - | - | 19.1 | - | 700 | - | - | |
| 17/5/18 | - | - | - | - | 700 | - | - | |
| 20/9/18 | - | - | - | - | 730 | - | - | 2 nd highest since 7/5/07 |
| 27/5/19 | - | - | - | - | 720 | - | - | Drizzly, snow flurry |
| 8/1/2020 | - | - | 24.5 | - | 790 | - | - | Met EPA on site to see EnergyAust water release as per licence. No sign of any water flow today? https://www.lithgowmercury.com.au/story/6565616/increased-water-release-from-mt-piper-power-station-dam/ |
| 9/1/2020 | - | - | 21 | - | 800 | - | - | Cooler water, so maybe a release? |
| 28/9/2023 | - | - | - | - | 280 | - | - | Bridge repairs prevented monitoring here last couple of years. Flowing well |
| 21/11/2024 | - | - | - | - | 300 | <10 | - | |
| 31/1/2025 | - | - | - | - | 330 | <10 | - | |
| 28/2/2025 | - | - | - | - | 310 | <10 | - | |
| 29/7/2025 | - | - | 9.2 | 8.92 | 320 | <10 | - | 25mm rain last 7 days |
| 6/05/2026 | | | 11.3 | 8.18 | 310 | <10 | | TDS 219 ppm. 0.15 ppt |
| 23/5/2026 | | | 14 | 8.61 | 320 | <10 | | TDS 226 ppm. 0.16 ppt |
| 26 | Cox's R, Glenroy Bridge | 7/5/07 | - | - | 650 | - | - | |
| | -33.54917 | 26/7/07 | - | - | 250 | <10 | - | 200mm+ rain in June |
| | 150.147814 | 27/9/07 | - | - | 390 | <10 | - | Milky/green, lots birds |
| | Altitude: 680m | 7/5/18 | - | - | 700 | - | - | Highest ever |
| | 50km from headwaters | 28/9/2023 | - | - | 280 | - | - | Flowing well |
| | | 28/10/2025 | | | | | | NOW212011 295.2 EC @12:15 |
| | | 3/12/2025 | | | | | | NOW212011 305.6 EC@11:00 |

| | | | | | | | | | | | |
|----------|---|----------|-----|------|------|------|------|---|----------------------------------|-----------------------------------|-----------------------------------|
| 27 | Invincible Colliery Borehole LDP1 (Long Swamp, Ben Bullen State Forest) 33°18'32.90"S 150° 05'37.90"E Altitude: 954m | 10/6/07 | - | - | - | - | 1400 | - | - | 83mm rain, Fe/Mn slime | |
| | | 14/6/07 | - | - | - | - | 1400 | - | - | 5mm more rain, Fe/Mn slime | |
| | | 18/6/07 | - | - | - | - | 1400 | - | - | 25mm, No Frogs, Fe/Mn slime | |
| | | 22/6/07 | - | - | - | - | 1360 | - | - | 35mm, No Frogs, Fe/Mn slime | |
| | | 28/6/07 | 4.5 | 42.3 | 19.8 | 6.58 | 1649 | 7.2 | - | SCA Sampling Data. Anoxic odour | |
| | | 18/7/07 | 1.5 | 16.9 | 20.1 | 6.57 | 1648 | 1.7 | - | SCA Sampling Data. Anoxic odour | |
| | | 20/7/07 | 3.8 | 40 | 18 | 6.5 | 1370 | <10 | 0.02 | Temp 10° higher than creek, Fe/Mn | |
| | | 28/7/07 | - | - | - | - | - | - | - | Not flowing today, Fe/Mn slime | |
| | | 27/8/07 | - | - | - | - | - | - | - | Not flowing today, Fe/Mn slime | |
| | | 7/9/07 | - | - | - | - | - | - | - | Not flowing, 2 dead Euc & Lepto | |
| | | 11/10/07 | - | - | - | - | - | - | - | Not flowing, Lepto' sooty-mould | |
| | | 2/3/08 | - | - | - | - | 1350 | - | - | Low flow, Rotten egg gas odour | |
| | | 1/4/08 | - | - | - | - | 1380 | - | - | Huge flow, Rotten egg gas odour | |
| | | 7/4/08 | - | - | - | - | 1370 | - | - | Huge flow, Rotten egg gas odour | |
| | | 29/5/08 | - | - | - | - | 1280 | - | - | Not flowing, 15mm rain o'nite | |
| 26/2/11 | - | - | - | - | - | - | - | Pump dismantled, bore dam graded to cover unsightly rust deposits | | | |
| 28 | Cox's River, Ben Bullen State Forest (at bridge approx 1km downstream from above Invincible LDP/borehole). <u>Not representative of undisturbed Coxs R headwaters, see Site 1.</u> 33° 18' 48.2" S 150° 05' 48.9" E Altitude: | 19/10/06 | 2.6 | 37 | 12 | 5.5 | 40 | <10 | - | | |
| | | 24/1/07 | - | - | 20 | 6 | 40 | 10 | - | - | 38mm rain |
| | | 12/4/07 | - | - | 15 | 6 | 50 | <10 | - | - | |
| | | 10/6/07 | - | - | - | - | 830 | - | - | - | 83mm rain |
| | | 14/6/07 | - | - | - | - | 950 | - | - | - | 5mm more rain |
| | | 18/6/07 | - | - | - | - | 920 | - | - | - | 25mm rain |
| | | 22/6/07 | - | - | - | - | 690 | - | - | - | 35mm rain |
| | | 28/6/07 | 8.8 | 74.9 | 8.12 | 7.18 | 557 | 3.0 | - | - | SCA Sampling Data. Flowing, clear |
| | | 18/7/07 | 8.1 | 69.5 | 7.9 | 7.18 | 1196 | 0 | - | - | SCA Sampling Data. Flowing, clear |
| | | 20/7/07 | - | - | - | - | 1150 | <10 | - | - | |
| | | 28/7/07 | - | - | - | - | 1170 | <10 | - | - | |
| | | 4/8/07 | - | - | - | - | 980 | <10 | - | - | Green stringy algae building up |
| | | 17/8/07 | - | - | 8 | - | 850 | <10 | - | - | 8mm rain yesterday, stringy algae |
| | | 27/8/07 | - | - | 9 | - | 710 | <10 | - | - | 25mm rain, stringy green algae |
| | | 7/9/07 | - | - | 9 | 6 | 710 | <10 | - | - | Stringy green algae, some frogs |
| 23/9/07 | - | - | 9 | 6 | 700 | <10 | - | - | Lots algae, rotten-egg-gas odour | | |
| 11/10/07 | 0.3 | <10% | 12 | 5.5 | 670 | <10 | - | - | Dead frog, DO v. low, odour | | |
| 30/11/07 | - | - | - | - | 560 | <10 | - | - | Oil slick, 150mm rain Nov | | |
| 31/12/07 | - | - | 22 | - | 560 | <10 | - | - | Yellow flower water lily, Lizard | | |

| | | | | | | | | | | |
|----|--|------------|-----|----|------|-----|-----------|-----|------|--|
| | | 28/1/08 | - | - | 17 | - | 480 | <10 | - | Oil slick, <i>Nymphoides montana</i> |
| | | 2/3/08 | - | - | - | - | 730 | <10 | - | Oil slick |
| | | 2/4/08 | - | - | - | - | 1050 | - | - | Oil slick. 820EC 1km downstream |
| | | 7/4/08 | - | - | - | - | 1080 | - | - | Oil slick. 920EC 1km downstream |
| | | 29/5/08 | 3.6 | 30 | 7 | 6 | 960 | <10 | 0.02 | 15mm rain o'nite, oil slick |
| | | 15/7/08 | - | - | 7 | 6 | 920 | <10 | - | Flowing, light oil slick, rusty deposits |
| | | 29/7/08 | - | - | 8 | 6.5 | 990 | <10 | - | Flowing, light oil slick, rusty deposits |
| | | 30/9/08 | - | - | 10 | - | 660 | <10 | - | Light oil slick. |
| | | 31/10/08 | - | - | 14 | - | 550 | <10 | - | 580EC at next bridge downstream |
| | | 7/12/08 | - | - | - | - | 480 | <10 | - | 520EC next bridge, rotten egg odour |
| | | 26/1/09 | - | - | 16 | - | 400 | <10 | - | 500EC next bridge downstream |
| | | 25/2/09 | - | - | 17.5 | - | 390 | <10 | - | 520EC next bridge, 30mm rain 7 days |
| | | 30/3/09 | - | - | 14.5 | - | 370 | <10 | - | 430EC next bridge, no flow |
| | | 29/4/09 | - | - | 11 | - | 380 | <10 | - | 520EC next bridge, no flow |
| | | 31/5/09 | - | - | 9 | - | 390 | <10 | - | 550EC next bridge, slight flow |
| | | 28/6/08 | - | - | 7.5 | - | 420 | 10 | - | 580EC next bridge, milky yellow |
| | | 23/7/09 | - | - | 7 | - | 410 | <10 | - | 540EC next bridge, algae on bottom |
| | | 30/9/09 | - | - | - | - | 330 | <10 | - | 500EC next bridge, scum on surface |
| | | 6/11/09 | - | - | 14 | - | 340 | <10 | - | 380EC next bridge, surface slick/scum |
| | | 12/12/09 | - | - | - | - | - | - | - | Bone dry 1st time ever, next bridge too |
| | | 10/2/10 | - | - | 18 | 5.5 | 340 | <10 | - | 60mm rain w'end, water low, "....." |
| | | 5/7/10 | - | - | 4.5 | - | 330 | <10 | - | 530EC 1km downstream |
| | | 17/3/11 | - | - | - | - | - | - | - | Forestry removed bridge 2k downstream <i>Nymphoides montana</i> may be lost |
| | | 26/9/12 | - | - | - | - | 90 | - | - | Flowing, clear |
| | | 1/4/18 | - | - | - | - | 190 | - | - | Totally dry, 1st time ever |
| | | 27/7/2024 | - | - | - | - | 60 | - | - | Flowing very well |
| | | 21/11/2024 | - | - | - | - | 150 | <10 | - | No flow, a very dry month so far. 50 EC upstream Site 1, so LDP1 salt persists |
| | | | | | | | | | | |
| 29 | Springvale Colliery LDP 4 & 5, Newnes Plateau 29A: LDP004: -33.3787203 150.1629721 29B: LDPO05: | 20/3/08 | - | - | - | - | 1180/1300 | - | - | Not flowing, old outlet 1300EC |
| | | 31/5/08 | 5.3 | 60 | 22 | 7.5 | 1030 | 10 | 0.08 | Flowing, grey, warm (air temp 14 ⁰) |
| | | 12/9/08 | - | - | 23 | - | 1010 | 30 | - | Milky grey, warm |
| | | 21/9/08 | 5.3 | 60 | 22 | 7 | 980 | 30 | - | Milky grey, warm |
| | | 10/10/08 | 5.1 | 60 | 23 | 7 | 1010 | 40 | 0.05 | Air Temp 18, grey, nearby Ck was 50 EC |
| | | 23/10/08 | - | - | 22 | - | 980 | 30 | - | Air temp 13, grey, nearby Ck was 60 EC |
| | | 6/11/08 | - | - | 23 | 7.5 | 1030 | 20 | - | Both flowing, grey |

| | | | | | | | | | | | |
|----|--|------------|-----|----|------|------|-----|-----|------|--|---|
| | -33.3780494 150.1542181 | 28/1/09 | 4.3 | 52 | 25 | 7.5 | 950 | 40 | 0.07 | LDP5, both flowing, grey, ACIRL | |
| | | 25/2/09 | - | - | - | - | - | - | - | No Flow (to Sawyers Swamp Ck) | |
| | | 8/3/09 | - | - | - | - | 940 | 30 | - | Slight flow LDP4&5, milky | |
| | | | | | | | | | | | |
| 30 | Sunnyside West Swamp Ck (Campbells Rd) Newne's Plateau -33.362448 150.1806243 Altitude: 1116m | 10/10/08 | - | - | 13 | - | 50 | <10 | - | Flowing well, tea-tree stained | |
| | | 23/10/08 | 6.0 | 59 | 14 | 6.5 | 60 | <10 | 0.02 | Recent rain, frog calls, tea-tree stained | |
| | | 6/11/08 | - | - | 14 | - | 40 | <10 | - | Tea-tree stained, flowing well | |
| | | 28/1/09 | - | - | 16 | 6.5 | 40 | <10 | - | Tea-tree stained, flowing well | |
| | | 8/3/09 | - | - | 15 | 6.5 | 40 | <10 | - | Flowing, tea-tree stained | |
| | | 5/7/09 | 7.2 | 80 | 7 | 7 | 50 | <10 | - | Flowing, tea-tree stained, campers | |
| | | 11/2/10 | - | - | 15.5 | 7 | 30 | <10 | - | Flowing, frog calls, <i>Veronica blakeyi</i> | |
| | | 19/5/10 | 8.8 | 70 | 4.5 | 7 | 30 | <10 | 0.00 | Barely flowing, new V-notch weir up creek | |
| | | | | | | | | | | | |
| 31 | Wolgan R, Fire Trail No5 "Spanish Steps" S 33°19'10.76" E 150° 9'23.49" | 12/9/08 | - | - | - | 7 | 980 | 10 | - | Slightly grey, froth bubbles on surface | |
| | | 6/11/08 | - | - | - | 7.5 | 800 | 10 | - | Slightly grey, tea-tree stained, 2 Lyrebirds | |
| | | 12/2/2014 | - | - | - | - | - | - | - | Totally dry, first time I've seen it so. | |
| | | 13/4/2021 | - | - | - | - | 60 | - | - | All creek crossings flowing. | |
| | | | | | | | | | | | |
| 32 | Wolgan River, Newnes S 33°10'30.87" E 150°14'14.49" | 16/11/06 | 8.0 | 91 | 17.5 | 7.5 | 80 | <10 | 0.00 | | |
| | | 2/6/08 | - | - | - | - | 170 | - | - | Heavy rain, Springvale bores flowing | |
| | | 6/5/2018 | - | - | - | - | 50 | - | - | | |
| | | | | | | | | | | | |
| 33 | Wollangambe River (1.1 km downstream from Clarence Colliery LDP2) -33.455642 150.257325 | 23/1/07 | 3.5 | 42 | 19 | 8 | 250 | <10 | 0.08 | 40mm rain | |
| | | 20/9/07 | 5.4 | 55 | 16 | 7 | 260 | <10 | 0.00 | DO??, 1 hr before testing | |
| | | 28/1/09 | 5.7 | 65 | 22 | 7 | 240 | <10 | 0.11 | Clearer than usual, flowing well | |
| | | 16/12/09 | 5.8 | | 17.5 | 7.5 | 210 | <10 | - | Clear, good flow, <i>Grev. gaudichaudi</i> | |
| | | 2/07/2015 | - | - | - | - | - | - | - | - | Clarence Colliery REA 3 collapse dumps 2,330 tonnes of coal fines into Wollangambe River. |
| | | 21/12/2023 | - | - | - | - | - | - | - | - | Coal fines spill reported by local resident referred to EPA |
| | | 10/10/2024 | - | - | - | - | 360 | <10 | - | | |
| | | 21/10/2024 | - | - | - | - | 350 | <10 | - | | |
| | | 31/1/2025 | - | - | - | - | 360 | <10 | - | | |
| | | 20/5/2026 | | | 14.8 | 7.88 | 297 | <10 | | | TDS 210 ppm. 0.15 ppt. High flow. 23mm rain last 2 days. |
| 34 | Baal Bone LDP3 | 15/3/09 | - | - | - | - | 930 | - | - | V. rusty pond floor; 50mm rain last 24 hrs | |

| | | | | | | | | | | |
|-----------|---|--------------------------|-----|----|------|------|------|-----|------|--|
| | S 33°15'1.60" E 150° 5'22.60" | 1/4/09 | - | - | 16 | - | 850 | <10 | - | 18mm rain o/nite, rusty |
| | | 26/3/10 | 5.0 | | 24 | 7 | 1330 | 15 | 0.08 | Rusty yellow. Fe on rocks, photo |
| | | 13/1/12 | - | - | - | - | 1680 | - | - | 1290 downstream Baal Bone Creek |
| | | 23/11/17 | - | - | - | - | - | - | - | Decommissioned since last visit |
| 35 | Carne Creek West S 33° 22' 24.6" E 150° 12' 12.4" | 5/4/09 | 6.2 | 58 | 12.5 | 7 | 20 | <10 | - | 30mm+ rain last 4 days. Clear. Photo |
| | | 5/7/09 | - | - | 6.5 | 7 | 20 | <10 | - | Flowing well, crystal clear |
| | | 12/10/14 | - | - | - | - | 20 | - | - | Flowing, clear (photo) |
| | | 27/6/15 | - | - | - | - | 20 | - | - | Flowing (photo) |
| | | 11/12/17 | - | - | - | - | - | - | - | Dry as a bone 1st time ever (photo) Springvale LW417-418 undermined site |
| | | 8/4/18 | - | - | - | - | - | - | - | - |
| 36 | Farmers Creek No. 2 Dam -33.454731 150.206276 Altitude: 1008m | 25/2/09 | - | - | - | - | 110 | - | - | |
| | | 15/7/09 | - | - | - | - | 30 | - | - | With SMH reporters, clear, 300mm down |
| | | 3/11/09 | - | - | 20.5 | 8 | 90 | <10 | - | Blue/grey, ClnceTrsfr running, 2m down |
| | | 16/12/09 | - | - | - | - | 130 | - | - | Dam level at 50%, murky grey/green |
| | | 24/8/18 LCC Agenda | | | | | | | | |
| 37 | Clarence Transfer old 1984 Pipe - Farmers Ck -33.455889 150.222886 | 16/12/09 | - | - | - | - | 230 | - | - | Flowing at what appears to be full capacity |
| | | | | | | | | | | |
| 38 | Coxs River, Ganbenang -33.6782206 150.1575571 | 17/4/2018 | - | - | 16.9 | - | 680 | - | - | |
| | | 27/5/2019 | - | - | - | - | 710 | - | - | |
| | | 5/12/2019 | - | - | - | - | 850 | - | - | Lots green stringy algae on creekbed water clear. Kowmung fire raging |
| | | 20/02/2024 | - | - | - | - | 260 | <10 | - | Flowing well. Clear |
| | | 31/1/2025 | - | - | - | - | 300 | <10 | - | |
| | | 28/2/2025 | - | - | - | - | 300 | <10 | - | |
| | | 6/05/2026 | | | | 11.5 | 8.16 | 303 | <10 | |

| | | | | | | | | | | |
|------------|---|------------|------|------|------|------|------|--|---|--|
| 39 | Coxs River, Six Foot Track -33.743109 150.179703 | 17/4/2018 | - | - | 18.7 | - | 630 | - | - | |
| | | 27/5/2019 | - | - | - | - | 680 | - | - | Drizzly, snow flurry on way back |
| | | 5/12/2019 | | | | | 830 | | | Stringy algae on creekbed. Green Wattle Creek/Kowmung Fire raging |
| | | 20/02/2024 | - | - | - | - | 260 | - | - | Flowing well. Clear |
| | | 31/1/2025 | - | - | - | - | 280 | <10 | - | |
| | | 28/2/2025 | - | - | - | - | 290 | <10 | - | |
| | | 6/05/2026 | | | 12.7 | 8.2 | 271 | <10 | | TDS 192 ppm. 0.13 ppt. Physalis peruviana Ageratina adenophora, Datura stramonium |
| | | | | | | | | | | |
| 40 | Coxs River, Main Street Wallerawang at bridge (about 200m upstream of NOW212054 which is not correctly mapped on NOW website). -33.397953 150.0811147 | 17/4/2018 | - | - | 21.1 | - | 1340 | - | - | |
| | | 17/5/2018 | - | - | - | - | 1380 | -- | - | |
| | | 21/8/2018 | - | - | - | - | 1290 | - | - | NOW Gauge 212054 = 1069 ??? |
| | | 4/12/2019 | - | - | - | - | 1700 | - | - | NOW Gauge 212054 = No reading last 7 days |
| | | 3/1/2020 | - | - | - | - | 1730 | - | - | Dead trout fry. NOW Gauge = No reading last 7 days |
| | | 2/11/2023 | 8.29 | - | 14.3 | 7.85 | 595 | 28.7 | - | |
| | | 2/3/2024 | - | - | - | - | 690 | - | - | NOW Gauge 212054 = 688.2 @07:15. Upstream 890EC at Maddox Lane, 500EC Pipers Flat C |
| | | 4/04/2024 | - | - | - | - | 890 | - | - | NOW Gauge 212054 = 843.3 15:15 |
| | | 26/7/2024 | - | - | - | - | 520 | 150-200 | - | Very turbid, high flow. NOW212054 455.5EC, 0.0 NTU 14:30 |
| | | 23/9/2024 | - | - | 13.3 | 8.0 | 980 | 6.7 | - | NOW212054 = 997.9 12:45 |
| | | 21/11/2024 | - | - | - | - | 990 | <10 | - | NOW212054 = 1003.8 13:00 |
| | | 31/1/2025 | 8.5 | - | 21 | 7.6 | 990 | 12 | - | NOW212054 = 1062 18:45 |
| | | 28/2/2025 | 8.1 | - | 21.6 | 7.7 | 630 | 15 (8.2) | - | NOW212054 = 615 10:30. NTU lower than our reading. |
| | | 16/4/2025 | - | - | - | - | 1240 | - | - | NOW212054 1291.7 6:15 |
| | | 30/05/2025 | 10 | - | 8.4 | 7.7 | 820 | 9.8 | - | NOW212054 840.7EC 07:00 |
| | | 29/7/2025 | 10.7 | - | 8.3 | 8.7 | 757 | 9.0 | - | 25mm rain last 7 days NOW212054 686.4EC 17:00 |
| 1/9/2025 | | | 9.0 | 7.85 | 540 | | | TDS 383ppm. 0.27ppt. NOW 516.8 | | |
| 28/10/2025 | | | | | | | | NOW212054 889.3EC @13:15 | | |
| 10/11/2025 | | | 15.8 | 8.1 | 963 | | | TDS 681ppm. NOW 936.5EC@9:00 | | |

| | | | | | | | | | | |
|----|---|--|-----|------|------|-------|------|--------------------------|--|---------------------------------------|
| | | | | 13.7 | 7.93 | 1,053 | <10 | | TDS 750ppm. 0.54ppt. <i>NOW</i> <i>1083.5EC @06:15</i> | |
| | | | | 25.1 | 8.64 | 1,392 | <10 | | TDS 991 ppm. 0.70 ppt. <i>NOW</i> | |
| | | | | | | 1,348 | | | <i>NOW212054: 1,276 EC @14:30</i> | |
| | | | | 20.5 | 8.13 | 765 | 30 | | Turbid. TDS 543 ppm. 0.38 ppt | |
| | | | | | | 662.8 | | | <i>NOW212054</i> | |
| | | | | 15 | 8.17 | 726 | 15 | | TDS 516ppm. 0.36ppt. <i>NOW212054</i> <i>737.3 EC @16:15</i> | |
| | | | | 13.9 | 8.3 | 772 | 15 | | TDS 549ppm. 0.39ppt. Turbid, yllw <i>NOW212054: 725.5@15:15</i> | |
| | | | | 11.8 | 8.35 | 836 | 10 | | TDS 594 ppm. 0.43 ppt. <i>NOW: 766.1 EC</i> | |
| 41 | Jew's Creek, Castlereagh Hwy, Ben Bullen. (downstream Baal Bone Colliery LDP3 & LDP6 Altitude: 830m -33.234797 150.028753 | | - | - | - | 1130 | - | - | | |
| | | | - | - | - | 970 | - | - | 40mm rain | |
| | | | - | - | - | 780 | - | - | | |
| | | | - | - | - | 1070 | - | - | | |
| | | | - | - | - | 930 | <10 | - | 200mm+ rain in June | |
| | | | - | - | 17.5 | - | 810 | <10 | - | 70mm rain January |
| | | | - | - | - | - | 600 | - | - | Lots of rain last few weeks |
| | | | - | - | 16 | 8 | 850 | <10 | - | 20mm rain o/nite. Rusty upstream |
| | | | 4.7 | - | 20 | 7.5 | 1070 | <10 | 0.10 | Flowing, clear, a snake |
| | | | - | - | - | - | 1140 | - | - | Baal Bone LDP3 decommissioned |
| | | | - | - | - | - | 1050 | - | - | Level up, hard to tell if its flowing |
| | | | - | - | - | - | 1030 | - | - | Level normal, despite long drought |
| | | | - | - | - | - | 1310 | - | - | Highest to date. What's going on? |
| | | | - | - | - | - | 1220 | - | - | 60mm+ rain in past week |
| | | | - | - | - | - | 1310 | - | - | |
| | | | - | - | - | - | 1380 | - | - | Highest to date. Visibly flowing |
| | | | - | - | - | - | 1460 | - | - | Highest ever |
| | | | - | - | - | - | 1350 | - | - | Significant rain during April |
| | | | - | - | - | - | 1150 | - | - | Rain over last few days |
| | | | - | - | - | - | 1230 | <10 | - | Clear |
| | | | - | - | - | - | 1380 | <10 | - | Clear |
| | | | - | - | - | - | 1310 | <10 | - | Flowing, clear |
| | | | - | - | - | - | 1270 | <10 | - | Water level higher than usual |
| | | | | | 1420 | | | Old metre 1240, new 1420 | | |
| | | | | 10.9 | 7.5 | 1483 | <10 | | TDS 1,060 ppm. 0.74 ppt | |

| | | | | | | | | | | |
|----|--|-----------|-----|---|------|-----|-------|-------|---|---|
| 42 | Farmer's Creek, Mount Walker. NOW 212042 | 19/10/24 | - | - | 15.2 | 7.7 | 170.6 | 140.1 | - | Turbidity high since end 2023. Platypus in area (see chart below) |
| | | 4/2/2025 | 7.0 | - | 25.5 | 8.3 | 264.1 | 99.2 | - | NOW212042 15:45 04/02/2025 |
| | | | | | | | | | | |
| 43 | Cox River, Kelpie Point | 31/1/2025 | 8.5 | - | 23.2 | 8 | 148.2 | 1.4 | - | NOW Gauge 212250 |
| | | 28/2/2025 | 8.6 | - | 24.6 | 7.9 | 152 | 2.9 | - | NOW Gauge 212250 |
| | | 19/5/2026 | | | 15.8 | 7.7 | 182 | 0.9 | | NOW Gauge 212250 |

| Other Locations in Region | Date | DO mg/l | DO % | Temp °C | pH | EC µS/cm | Turb NTU | AvP ppm | Comments |
|---|------------|---------|------|---------|------|----------|----------|---------|---|
| Macquarie River, GWH, Bathurst -33.418196° 149.594523° | 28/12/2006 | - | - | - | - | 430 | - | - | |
| | 29/1/2007 | - | - | - | - | 380 | - | - | |
| | 13/1/2009 | - | - | - | - | 260 | - | - | |
| | 24/11/2015 | - | - | - | - | 280 | - | - | |
| | 27/9/2017 | - | -- | - | - | 370 | - | - | |
| | 21/8/2018 | - | - | - | - | 360 | - | - | |
| | 28/2/2025 | - | - | - | - | 280 | <10 | - | |
| | 28/4/2026 | | | 14.2 | 7.93 | 257 | <10 | | TDS 184 ppm. 0.13 ppt |
| Nepean River, Penrith Nepean Rowing Club -33.745573° 150.683310° | 22/1/2007 | - | - | - | - | 260 | - | - | |
| | 8/5/2007 | - | - | - | - | 310 | - | - | |
| | 27/11/2015 | - | - | - | - | 310 | - | - | |
| | 3/5/2019 | - | - | - | - | 290 | - | - | Nepean Rowing Club, 1:20pm |
| | 18/05/2026 | | | 17.9 | 7.61 | 220 | <10 | | TDS 156 ppm. 0.11 ppt |
| Namoi River, Gunnedah | 28/12/2008 | - | - | - | - | 440 | - | - | |
| Fish River, Tarana | 3/1/2007 | 5.7 | 60 | 18 | 7 | 170 | 10 | 0.10 | Lowes Mt Road |
| | 27/9/2017 | - | - | - | - | 190 | - | - | At O'Connell Bridge |
| | 13/2/2025 | - | - | - | - | 120 | <10 | - | O'Connell Br. High flow, bit turbid |
| | 23/5/2026 | | | 12.1 | 8.06 | 118 | <10 | | TDS 83.9ppm. 0.06ppt. Hazelgrove |
| Diamond Swamp Ck, Tarana | 23/5/2026 | | | 12.6 | 8.13 | 268 | <10 | | TDS 190 ppm. 0.13 ppt |
| Oberon Dam, Oberon | 29/1/2007 | - | - | - | - | 80 | - | - | |
| Duckmaloi River, Oberon | 23/5/2026 | | | 11.4 | 8.09 | 143 | <10 | | TDS 102 ppm. 0.07 ppt |
| Ben Chifley Dam, Bathurst | 29/1/2007 | - | - | - | - | 360 | - | - | |
| | 13/2/2025 | - | - | - | - | 310 | <10 | - | On 23/1/2025 LEG wildlife rescuer found 6 platypus (5 dead, 1 alive) in cavity beneath scour valves. 1 dead platypus taken to Lithgow LLS who |

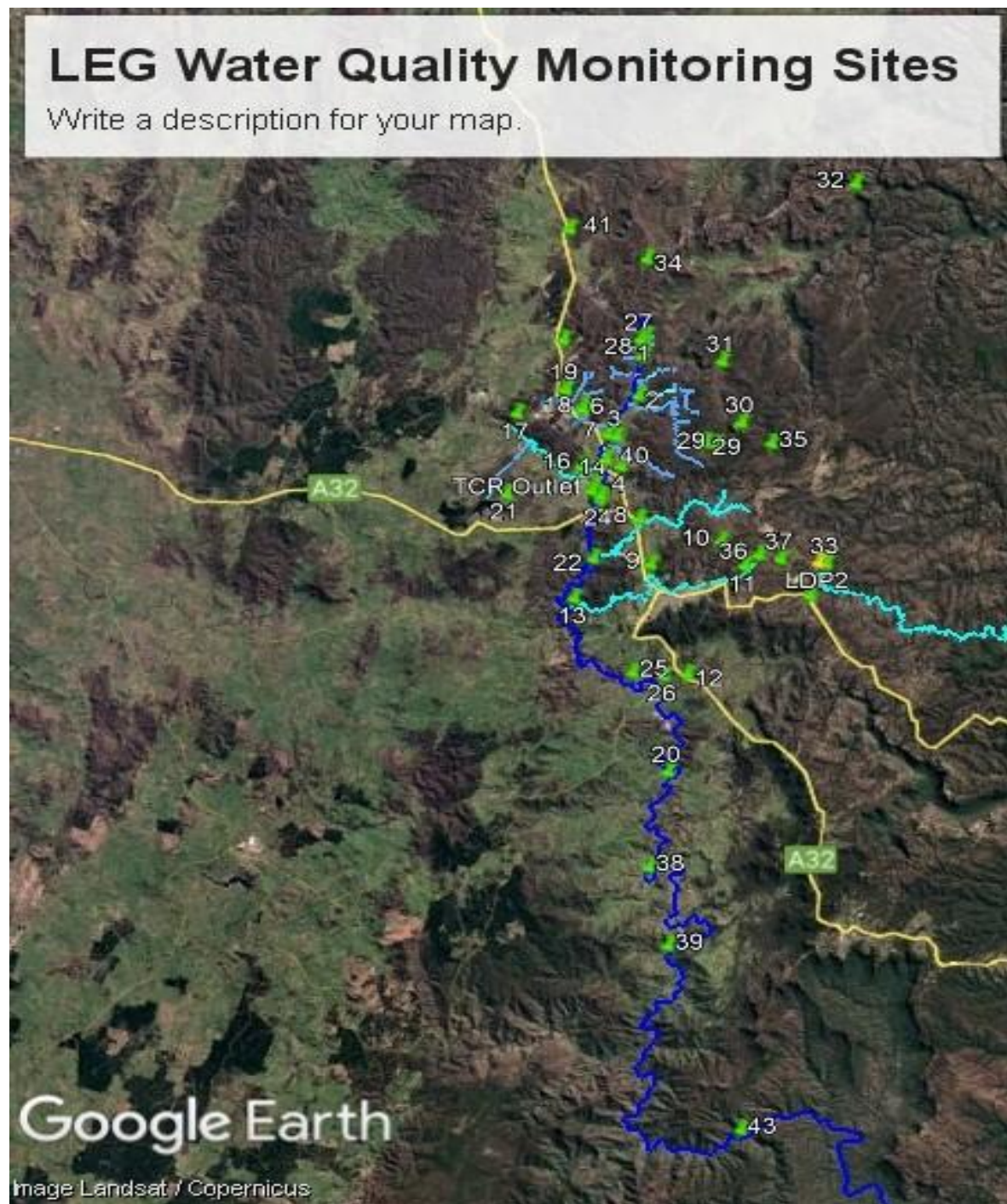
| | | | | | | | | | |
|--|------------|-----|----|------|-----|------|-----|------|---|
| | | | | | | | | | sent to Taronga Zoo for a Pathology Report. Reported to Bathurst Region Council, BCCAN, NPWS |
| | 13/2/2025 | - | - | - | - | 350 | 100 | - | 2 nd outlet below scour valves: higher EC + significantly more turbid than main spillway + strong anoxic odour |
| Windermere Dam , Mudgee | 28/1/2007 | - | - | - | - | 640 | - | - | |
| | 14/7/2007 | - | - | - | - | 590 | - | - | |
| Cudgegong River , Rylstone | 28/1/2007 | - | - | - | - | 420 | - | - | |
| Capertee River , Glen Davis -33.100401° 150.231025° | 28/1/2008 | - | - | - | - | 730 | - | - | |
| | 3/9/2014 | - | - | - | - | 1850 | - | - | |
| | 15/11/2024 | - | - | - | - | 1670 | - | - | Flowing |
| | 26/9/2025 | | | 17.6 | 8 | 1270 | | | TDS 910ppm. 0.64ppt |
| | | | | | | | | | |
| Turon River , Sofala -33.079688° 149.686579° | 28/12/2006 | - | - | - | - | 680 | - | - | Note: Portland STP and old Sunny Corner gold & silver mine upstream |
| | 1/4/2007 | - | - | - | - | 630 | - | - | |
| Bungleboori Dam , Newnes Platea | 23/1/2007 | 5.1 | 61 | 25 | 6 | 30 | <10 | 0.05 | 40mm rain |
| Carne Creek , Newnes Plateau | 9/12/2007 | - | - | - | - | 30 | - | - | |
| Dargan Lower Dam Clarence | 23/1/2007 | - | - | - | - | 30 | - | - | 40mm rain |
| Wentworth Falls Lake | 22/1/2007 | - | - | - | - | 50 | - | - | |
| Glenbrook Lagoon | 22/1/2007 | - | - | - | - | 160 | - | - | |
| Pope's Glen Ck, Blackheath | 3/9/2006 | 2.1 | 18 | 10 | 6 | 140 | <10 | 0.00 | |
| Katoomba Falls Creek | 14/9/2006 | 10 | - | 8 | 6.5 | 60 | <10 | - | |
| Cullen Ck (downstream of Invincible Colliery) S 33° 18' 54.32" E 150° 02' 10.49" | 22/6/2008 | - | - | - | 6 | 930 | - | - | v. muddy, rain during week |
| | 1/4/2009 | - | - | - | - | 1080 | - | - | v. rusty, 20mm rain o/nite |
| | 22/1/2024 | - | - | - | - | 860 | - | - | Very high flow |
| Murray/Darling R Junction, Wentworth | 26/9/2015 | | | | | 150 | | | |
| Murray River , Mildura | 24/8/2018 | | | | | 130 | | | Water level seems good to high |
| Murray R. , Murray Bridge | 22/10/2015 | | | | | 370 | | | |
| Murray Bridge. Tapwater | | | | | | 410 | | | |
| Murray R. , Albury/Wodonga | 25/10/2015 | | | | | 50 | | | |
| Murray R. , Narrung Ferry, Jn Lake Alexandrina/Lake Albert | 22/10/2015 | | | | | 1440 | | | |
| Mt Gambier, Tapwater | 23/10/2015 | | | | | 710 | | | |

| | | | | | | | | | |
|--|------------|---|---|------|------|-------|---|---|---|
| Mt Gambier, Valley Lake | 23/10/2015 | | | | | >1999 | | | |
| Ravensthorpe WA tapwater | 27/8/2018 | | | | | 810 | | | |
| Mount Barker WA tapwater | 28/8/2018 | | | | | 810 | | | |
| Perth WA tapwater | 9/9/2018 | | | | | 520 | | | Bottled water 200 |
| Yallingup WA tapwater | 11/9/2018 | | | | | 850 | | | |
| Albany WA tapwater | 13/9/2018 | | | | | 810 | | | |
| Kimba SA tapwater | 17/9/2018 | | | | | 430 | | | |
| Esperance WA, tapwater | 20/10/2015 | | | | | 1410 | | | |
| Snowy R, Dalgetty Weir | 31/10/2015 | | | | | 60 | | | |
| Murrumbidgee R, Balranald | 31/10/2015 | | | | | 70 | | | |
| | 29/10/2015 | | | | | 250 | | | |
| | 24/8/2018 | | | | | 220 | | | Flowing |
| | 31/1/2025 | | | | | 241.2 | | | NOW Real Time Data 18:00 |
| Lachlan River, Cowra | 23/8/18 | | | | | 290 | | | Flowing well |
| | 31/1/2025 | | | | | 294.9 | | | NOW Real Time Data 17:45 |
| | 28/2/2025 | | | | | 306.7 | | | NOW Real Time Data 10:45 |
| Upper Hunter River, Belltrees | 24/11/2015 | | | | | 274 | | | Site No: 210039 |
| SNOWY River @ DALGETY WEIR (222026) | 20/12/2017 | | | | | 47 | | | http://waterinfo.nsw.gov.au/drr/southcoast.shtml |
| Our tapwater – Fish R supply | 17/4/2018 | | | | | 130 | | | |
| | 5/5/2018 | | | | | 110 | | | Filtered tapwater = 10 us/cm |
| | 1/10/2023 | | | | | 90 | | | |
| | 19/5/2026 | | | 20.7 | 7.12 | 145.7 | | | TDS 103 ppm. 0.07 ppt |
| Lithgow Tapwater Endeavour Park | 17/4/2018 | | | | | 270 | | | |
| Lithgow Tapwater – Valley Plaza | 5/5/2018 | - | - | - | - | 270 | - | - | |
| Thompsons Ck Dam transfer into Lake Wallace -33.421519° 150.073932° | 5/12/2019 | - | - | - | - | 770 | - | - | Outlet discharging since at least 9 Oct 2017. Lake Wallace = 970 today |
| | 30/9/2023 | - | - | - | - | 510 | - | - | Outlet discharging. Photo taken |
| | 2/03/2024 | - | - | - | - | 330 | - | - | Large discharge, Photo taken |
| | 4/04/2024 | - | - | - | - | - | - | - | Not flowing |
| | 6/5/2024 | - | - | - | - | - | - | - | Not flowing |
| | 31/1/2025 | - | - | - | - | - | - | - | Not flowing |
| Clarence Transfer Ponds – Old Bells Line of Road | 17/1/2026 | | | 18.8 | 7.84 | 311 | | | TDS 221 ppm. Flowing |
| | 20/5/2026 | | | 15.6 | 8.46 | 301 | | | TDS 214. 0.15 ppt. Flowing |

- * Note: New high range EC Meter purchased June 2025, which can read EC >2000 and also Total Dissolved Solids (TDS), pH, Temperature.
- * Note: New Apera metre measures TDS in PPM (Parts per Million) & PPT (Parts per Thousand). 1000 PPM = 1.0 PPT. **50-150 ppm** considered optimal range for drinking water provides good taste & mineral content without excessive buildup in appliances, meets EPA standards & delivers best balance of health and flavour. **150-300 ppm**: Safe normal TDS range, but coffee & tea may taste muddier; taps may show light spotting. **300-500 ppm**: Scale builds faster in kettles & humidifiers; some drinkers notice a salty after-taste. **> 500 ppm**: EPA says reduce it—TDS too high can corrode plumbing and may carry nitrates, sodium, or heavy metals. **>1000 ppm** considered unsafe.
- * Note: All testing since 20/2/10 was with new equipment received SCA Training Day 20/2/10. Includes new EC meter, Colorimeter, Turbidity tube, Colorimeter, glass bottles for DO and AP, new spoon for AP test, new Streamwatch Manual.
- * Note: A second high range salinity Metre purchased November 2017. Also reads Temp, pH, TDS.
- * Note: Oxygen levels that remain below 1-2 mg/l for a few hours can result in large fish kills.
- * Note: Platypus – a 2022 study found Platypus present at 500EC but absent at 700EC. Platypus appear to avoid streams with higher salinity and low dissolved oxygen. Webb, B., Morrison, K. G., Wright, I. A., & Ryan, M. (2021). The effect of water quality, macroinvertebrate assemblages and habitat suitability on the distribution of Platypuses : a pilot study in Cattai Catchment, North West Sydney. *Proceedings Of The 10Th Australian Stream Management Conference, 2 - 4 August 2021, Online*, 366-373.'
- * Note: Macroinvertebrates & Salinity – a 2005 study found that the most dramatic shift between groups of different salinity tolerance occurs as conductivity reaches 800-1000 uS/cm and this shift seems to be more pronounced in riffle habitat. This threshold value is lower than the generally accepted value of 1500 uS/cm, above which freshwater ecosystems are likely to experience salinity related stress. (Hart et al. 1991) (*Response of stream macroinvertebrates to changes in salinity and the development of a salinity index* N. Horrigan, S. Choy, +1 author F. Recknagel Published 20 October 2005. Environmental Science. Marine and Freshwater Research)
- * Note: Australian Platypus Conservancy (<https://platypus.asn.au/>). Three factors found to be adversely related to Platypus status 1. Nutrient enrichment (especially elevated levels of Phosphorus in water) 2. Amount of suspended solids in surface water after storms 3. Concentration of metal contaminants (lead, zinc, cadmium) in bottom sediment. Phosphorus promotes algal blooms & low oxygen levels, causing many aquatic invertebrates to disappear. Given Platypus shut their eyes underwater and feed at night, the adverse impact of suspended solids is unlikely to be due to poor water clarity. Instead it's that unconsolidated fine sediment provides poor habitat for macroinvertebrates. High levels of metal contaminants affect freshwater fish and macroinvertebrate diversity and abundance. Direct toxic affects could also occur, for example through bioaccumulation. Because heavy metals bind to bottom sediment, they can remain in the environment long after the primary contamination source has been eliminated.
- *Note: In general, the juvenile stages of both animals and plants are less tolerant of high salinity than the corresponding adults.
- *Temperature Pollution: Western Australia has Water Quality Protection Guidelines for Mining and Mineral Processing – Mine dewatering, which require that *'Discharge water should not cause the receiving water temperature to vary by more than 2°C from its seasonal background temperature'*.
<https://www.wa.gov.au/system/files/2022-04/WQPG-11-Mine-dewatering.pdf>
- * Note: Hydrogen Sulfide (Rotten-egg gas) has a high acute (short-term) toxicity to mammals, birds, and aquatic life. It is 20% heavier than air and can accumulate in confined spaces (eg. scour valves at base of dams, sewer systems, old underground mine workings, hot springs, bores, landfills.)
- * Note: Electrical Conductivity of water samples is used as an indicator of how salt-free, ion-free, or impurity-free the sample is; the purer the water, the lower the conductivity. Salty water is heavier or denser and sinks to the bottom, the colder that water the more it sinks.

LEG Water Quality Monitoring Sites

Write a description for your map.



Salinity Update: May 2026



Salinity Update: Coxs River Lidsdale - September 2023



Salinity Update: December 2019

Coxs River Salinity Update December 2019

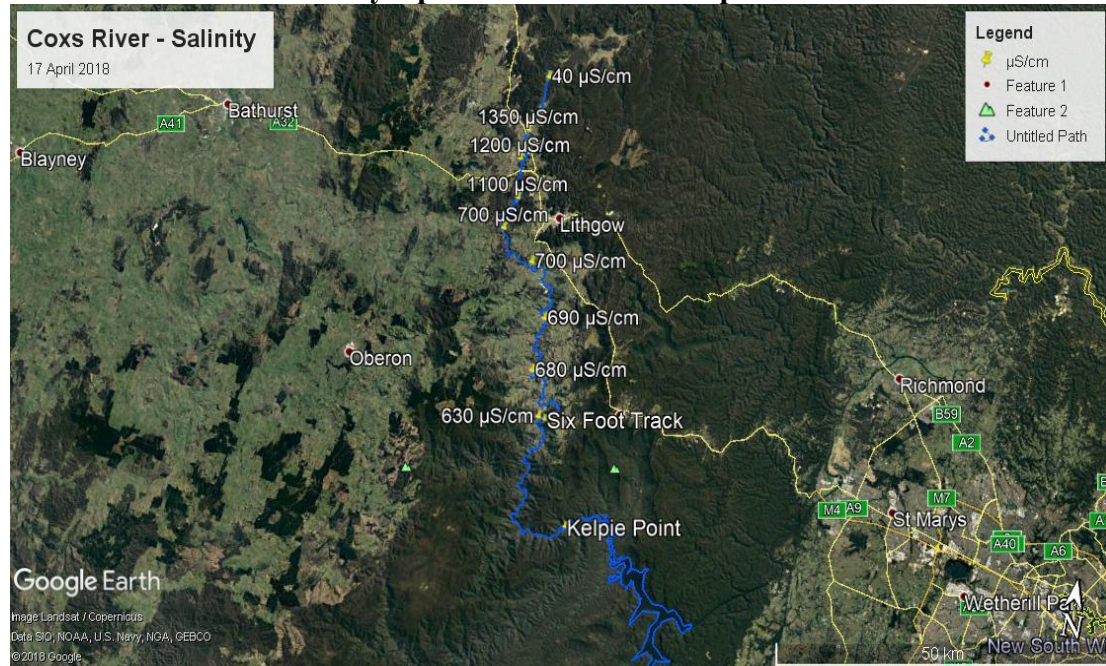
- Coxs River Headwaters: 70 $\mu\text{S}/\text{cm}$
- Coxs River, Lidsdale: 1710 $\mu\text{S}/\text{cm}$
- Coxs River, Lake Wallace: 970 $\mu\text{S}/\text{cm}$
- Coxs River, Lake Lyell: 760 $\mu\text{S}/\text{cm}$
- Coxs River, McKanes Bridge: 790 $\mu\text{S}/\text{cm}$
- Coxs River, Duddawarra Bridge: 830 $\mu\text{S}/\text{cm}$
- Coxs River, Sandy Hook: 850 $\mu\text{S}/\text{cm}$
- Thompsons Creek Dam: 770 $\mu\text{S}/\text{cm}$
- Angus Place Colliery LDP001: 290 $\mu\text{S}/\text{cm}$
- Springvale Coal Services LDP006: 5,560 $\mu\text{S}/\text{cm}$

Salinity Update: August 2018

SALINITY LEVELS ACROSS NSW – AUGUST 2018

- Nepean River, Penrith – 350 $\mu\text{S}/\text{cm}$
- Macquarie River, Bathurst – 360 $\mu\text{S}/\text{cm}$
- Lachlan River, Cowra – 290 $\mu\text{S}/\text{cm}$
- Murrumbidgee River, Balranald – 220 $\mu\text{S}/\text{cm}$
- Murray River, Mildura – 130 $\mu\text{S}/\text{cm}$
- Darling River, Wentworth – 150 $\mu\text{S}/\text{cm}$
- Coxs River, Wallerawang – 1,320 $\mu\text{S}/\text{cm}$
- Springvale Colliery LDP006 – 7,780 $\mu\text{S}/\text{cm}$

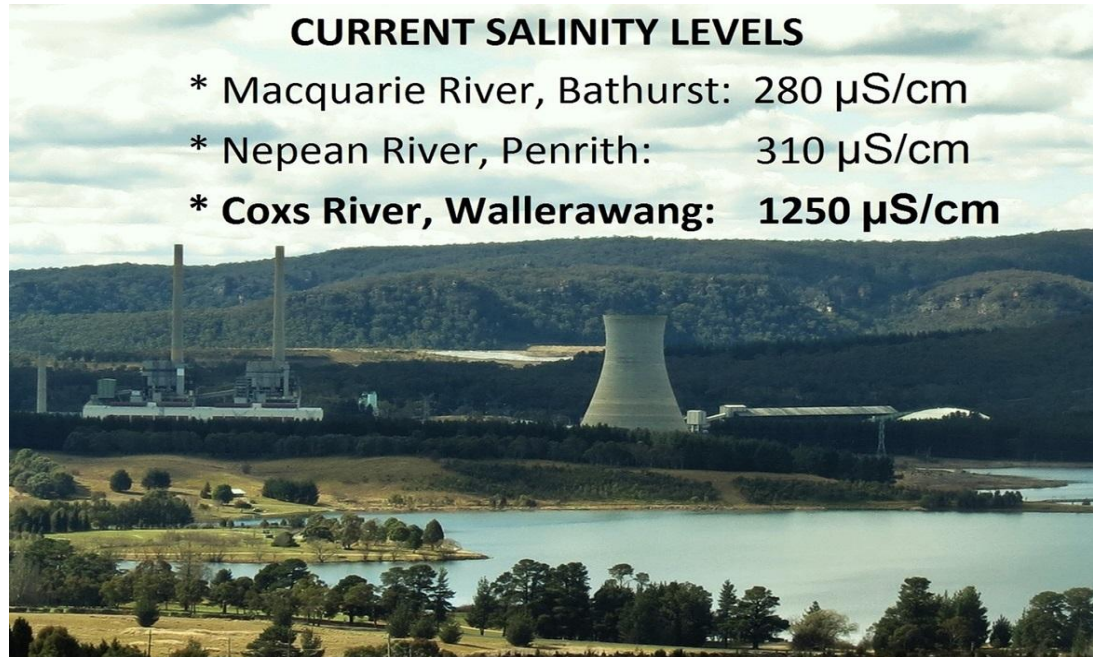
Salinity Update: Coxs River – April 2018

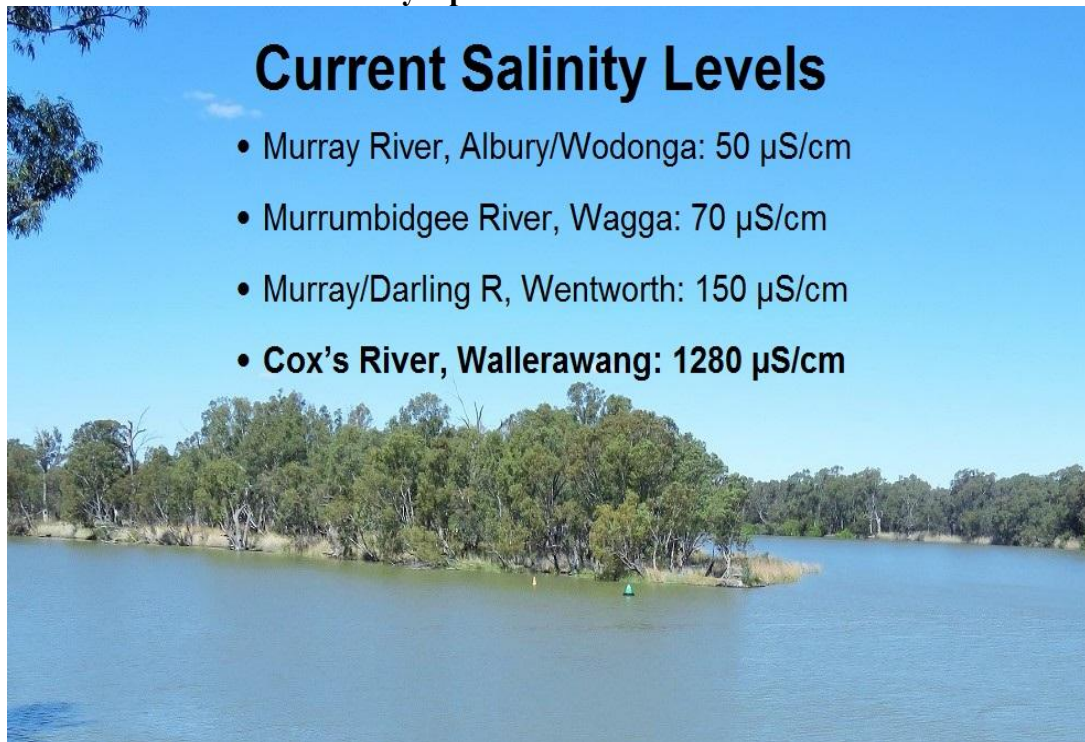


Salinity Update - 1 December 2015

CURRENT SALINITY LEVELS

- * Macquarie River, Bathurst: 280 $\mu\text{S/cm}$
- * Nepean River, Penrith: 310 $\mu\text{S/cm}$
- * **Coxs River, Wallerawang: 1250 $\mu\text{S/cm}$**





Current Salinity Levels

- Murray River, Albury/Wodonga: 50 $\mu\text{S/cm}$
- Murrumbidgee River, Wagga: 70 $\mu\text{S/cm}$
- Murray/Darling R, Wentworth: 150 $\mu\text{S/cm}$
- **Cox's River, Wallerawang: 1280 $\mu\text{S/cm}$**

NEUBECKS US WALLRWNG: SITE 212055 (LEG 6)

bookmark this page

All data times are Eastern Standard Time

[Latest Values](#)
[Details](#)
[Prepared Outputs](#)
[Custom Outputs](#)

Latest instantaneous values

| | | | |
|-------------------------------|------------------------|------------------|---|
| Level (Metres) | 0.493 | 07:45 13/03/2025 | ↓ |
| Discharge (ML/d) | 0.3 | 07:45 13/03/2025 | ↓ |
| Discharge (ML/d) | no data in last 7 days | | |
| EC @ 25C ($\mu\text{S/cm}$) | 2039.9 | 07:45 13/03/2025 | ↓ |
| Water Temp(C) | 16.8 | 07:45 13/03/2025 | ↓ |

COXS U/S LAKE LYELL: SITE 212058 (DOWNSTREAM LEG 22)

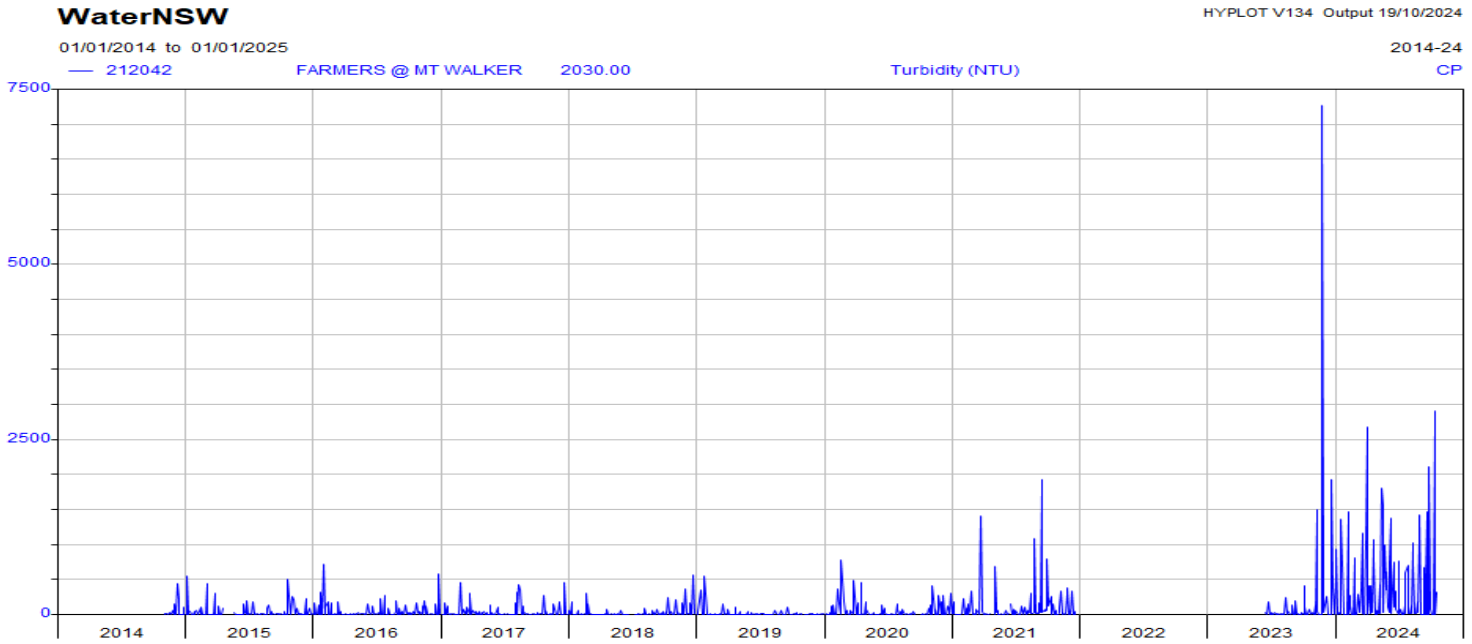
bookmark this page

All data times are Eastern Standard Time

Latest Values Details Prepared Outputs Custom Outputs

Latest instantaneous values

| | | | | |
|------------------|-------|-------|------------|---|
| Level (Metres) | 0.602 | 08:15 | 13/03/2025 | ↓ |
| pH | 8.3 | 08:15 | 13/03/2025 | ↔ |
| Discharge (ML/d) | 22.5 | 08:15 | 13/03/2025 | ↓ |
| DO (mg/L) | 8.5 | 08:15 | 13/03/2025 | ↑ |
| EC @ 25C (uS/cm) | 555.0 | 08:15 | 13/03/2025 | ↓ |
| Water Temp(C) | 19.2 | 08:15 | 13/03/2025 | ↑ |
| Turbidity (NTU) | 8.2 | 08:15 | 13/03/2025 | ↑ |



| COXS @ WALLERAWANG (212054) | | |
|-----------------------------|-------|--------------------------|
| Level (m) | 0.41 | Sat 25/Feb/2017 15:00:00 |
| Flow (ML/day) | 27 | Sat 25/Feb/2017 15:00:00 |
| Water Temp (DegC) | 23 | Sat 25/Feb/2017 15:00:00 |
| EC 25DegC (uS/cm) | 1,204 | Sat 25/Feb/2017 13:00:00 |
| EC 25DegC (uS/cm) | 1,201 | Sat 25/Feb/2017 15:00:00 |

| NEUBECKS CK U/S WALL (212055) | | |
|-------------------------------|-------|--------------------------|
| Level (m) | 0.42 | Sat 25/Feb/2017 15:00:00 |
| Flow (ML/day) | 0 | Sat 25/Feb/2017 15:00:00 |
| Water Temp (DegC) | 22 | Sat 25/Feb/2017 15:00:00 |
| EC 25DegC (uS/cm) | 1,767 | Sat 25/Feb/2017 14:00:00 |
| EC 25DegC (uS/cm) | 1,775 | Sat 25/Feb/2017 15:00:00 |

Water quality (electrical conductivity and temperature)

[View water quality data](#)

These data values are taken from the recording nearest to 6am.

| | Saturday | Friday | Thursday | Wednesday | Tuesday | Monday | Sunday |
|-------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | 25-Feb-2017 | 24-Feb-2017 | 23-Feb-2017 | 22-Feb-2017 | 21-Feb-2017 | 20-Feb-2017 | 19-Feb-2017 |
| COXS @ WALLERAWANG (212054) | | | | | | | |
| Flow (ML/day) | 27 | 30 | 31 | 31 | 31 | 31 | 32 |
| Water Temp (DegC) | 21 | 20 | 20 | 20 | 17 | 18 | 21 |
| EC 25DegC (uS/cm) | 1,215 | 1,202 | 1,192 | 1,205 | 1,208 | 1,220 | 1,224 |
| EC 25DegC (uS/cm) | 1,215 | 1,202 | 1,192 | 1,205 | 1,208 | 1,220 | 1,224 |
| NEUBECKS CK U/S WALL (212055) | | | | | | | |
| Flow (ML/day) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | |
|-------------------|-------|-------|-------|-------|-------|-------|-----|
| Water Temp (DegC) | 19 | 17 | 17 | 17 | 12 | 14 | 19 |
| EC 25DegC (uS/cm) | 1,729 | 1,642 | 1,479 | 1,290 | 1,190 | 1,065 | 956 |
| EC 25DegC (uS/cm) | 1,729 | 1,642 | 1,479 | 1,291 | 1,190 | 1,065 | 956 |

Table H 8-5 Conductivity (mS/cm) - Catchment Sites (to convert mS/cm to uS/cm multiply by 1000)

Coxs River @ Kelpie Point Mid Coxs River

Historic: 0.180 (N=80)

1995 – 1998: 0.117 (N=134)

1998 – 2001: 0.136 (N=246)

2001 – 2004: 0.103 (N=201)

2003 – 2007: 0.116 (N=277)

2007 – 2010: 0.141 (N=66)

2010 – 2013: 0.163 (N=36)

DISTANCES

From Headwaters (Site 1) by river to Six Foot Track (Site 39) is 95km.

By road from home to test the various sites works out at roughly a 123.6 km drive –

- 1. Home to LDP006 = 3km return**
- 2. Home to Maddox Lane = 4.1km**
- 3. Maddox Lane to Site 1 = 20km return**
- 4. Maddox Lane to Lake Wallace site = 5.8km**
- 5. Maddox Lane to GWH Marrangaroo NP turnoff = 3.76km**
- 6. GWH to Marrangaroo NP site return = 12km**
- 7. GWH Marrangaroo NP turnoff to Lake Lyell Turnoff = 14.3**
- 8. GWH to Lake Lyell site = 12km return**
- 9. GWH Lake Lyell turnoff to Six Foot Tr = 41km**
- 10. Duddawarra deviation = 7.2km**