

**Eastern Irrigation Scheme  
Class A Monitoring Summary, Oct 2023 - Dec 2023\***

| Parameter       | MEDIAN Limit | Units      | Median | Maximum | Average | Minimum |
|-----------------|--------------|------------|--------|---------|---------|---------|
| Free Chlorine** |              | mg/L       | 0.4    | 0.4     | 0.4     | 0.0     |
| Alkalinity      |              | mgCaCO3/l  | 53.0   | 79.6    | 53.3    | 24.4    |
| CBOD5           |              | mg/L       | <2     | <2      | <2      | <2      |
| Calcium         |              | mg/L       | 17.0   | 19.0    | 17.2    | 16.0    |
| COD             |              | mg/L       | 15     | 40      | 16      | 3       |
| Ammonia         |              | mg/L       | 0.05   | 0.20    | 0.07    | 0.02    |
| Oil & Grease    |              | mg/L       | <5     | <5      | <5      | <5      |
| pH              | 6 - 9        | pH units   | 6.90   | 7.30    | 6.91    | 6.50    |
| SS              | <5           | mg/l       | 2      | 4       | 2       | 1       |
| TDS             |              | mg/L       | 450    | 520     | 458     | 390     |
| TKN             |              | mg/L       | 3.1    | 56.1    | 4.0     | 1.2     |
| Total P         |              | mg/L       | 4.8    | 6.9     | 5.1     | 3.9     |
| Total N         |              | mg/L       | 15.0   | 16.0    | 14.8    | 12.0    |
| True Colour     |              | Pt/Co      | 6      | 16      | 6.8     | 2       |
| Turbidity       |              | NTU        | 0.30   | 1.10    | 0.34    | 0.20    |
| E.Coli          | <10***       | orgs/100mL | 0      | 0       | 0       | 0       |
| Potassium       |              | mg/L       | 27     | 28.0    | 27.0    | 26.0    |
| Nitrate         |              | mgN/L      | 13.00  | 14.00   | 12.83   | 10.00   |
| EC              | <1200        | uS/cm      | 830    | 890     | 809     | 630     |

\* Results supplied from Melbourne Water's Class A Tertiary Treatment Plant

\*\* Results from Eastern Irrigation Scheme site

\*\*\* Indicator of viruses, organisms per mL (or per 100mL) with <10 equivalent to zero due to inaccuracies