

**Eastern Irrigation Scheme**  
**Class A Monitoring Summary, July 2024 - Sept 2024\***

| Parameter       | MEDIAN Limit | Units      | Median | Maximum | Average | Minimum |
|-----------------|--------------|------------|--------|---------|---------|---------|
| Free Chlorine** |              | mg/L       | 0.3    | 0.5     | 0.2     | 0.0     |
| Alkalinity      |              | mgCaCO3/l  | 41.9   | 58.0    | 41.8    | 24.5    |
| BOD             |              | mg/l       | <2     | 2.0     | <2      | <2      |
| CBOD5           |              | mg/L       | <2     | <2      | <2      | <2      |
| Calcium         |              | mg/L       | 16.0   | 19.0    | 16.8    | 15.0    |
| COD             |              | mg/L       | 26     | 45      | 26      | 7       |
| Ammonia         |              | mg/L       | 0.14   | 5.60    | 0.37    | 0.06    |
| Oil & Grease    |              | mg/L       | <5     | <5      | <5      | <5      |
| pH              | 6 - 9        | pH units   | 6.75   | 7.20    | 6.80    | 6.50    |
| SS              | <5           | mg/l       | 1      | 6       | 1       | 1       |
| TDS             |              | mg/L       | 470    | 500     | 458     | 390     |
| TKN             |              | mg/L       | 2.8    | 6.9     | 3.1     | 1.3     |
| Total P         |              | mg/L       | 6.8    | 8.0     | 6.7     | 4.7     |
| Total N         |              | mg/L       | 19.0   | 28.0    | 19.2    | 13.0    |
| True Colour     |              | Pt/Co      | 8      | 16      | 7.3     | 2       |
| Turbidity       |              | NTU        | 0.50   | 1.20    | 0.55    | 0.30    |
| E.Coli          | <10***       | orgs/100mL | 0      | 0       | 0       | 0       |
| Potassium       |              | mg/L       | 23     | 25.0    | 22.5    | 20.0    |
| Nitrate         |              | mgN/L      | 16.00  | 21.00   | 16.00   | 11.00   |
| EC              | <1200        | uS/cm      | 785    | 897     | 779     | 650     |

\* 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