

## 2025 IRRIGATED EFFLUENT - RESULTS

### CHEMICAL & MICROBIOLOGICAL ANALYSIS (@ point of irrigation)

| Month | Faecal Coliforms (CFU/100 ml) | E. coli (CFU/100ml) | BOD (mg/L) | Conductivity (uS/cm) | pH   | Suspended Solids (mg/L) | Total Kjeldahl Nitrogen (mg/L) | Total Oil & Grease (mg/L) | Total Phosphorus (mg/L) |
|-------|-------------------------------|---------------------|------------|----------------------|------|-------------------------|--------------------------------|---------------------------|-------------------------|
| Jan   | 10000                         | 4900                | 169        | 4120                 | 7.82 | 7190                    | 490                            | 31                        | 181                     |
| Feb   | 2200000                       | 76000               | 101        | 4810                 | 8.12 | 389                     | 214                            | 5                         | 96.9                    |
| March | 7300                          | 2800                | 47         | 4210                 | 8.35 | 174                     | 156                            | 6                         | 86.8                    |
| April | 10                            | 1                   | 49         | 4210                 | 8.2  | 207                     | 146                            | 10                        | 69.2                    |
| May   | 6                             | 1                   | 32         | 2870                 | 8.03 | 179                     | 101                            | 5                         | 55.3                    |
| June  | 10000                         | 10000               | 78         | 2120                 | 7.99 | 66                      | 78.4                           | 6                         | 37.1                    |
| July  | 200                           | 100                 | 31         | 2440                 | 8    | 90                      | 92.7                           | 5                         | 39.8                    |
| Aug   | 7200                          | 2200                | 179        | 2110                 | 7.7  | 108                     | 44.5                           | 12                        | 24.4                    |
| Sept  | 100                           | 100                 | 10         | 3110                 | 3.04 | 267                     | 364                            | 8                         | 51                      |
| Oct   | 2                             | 1                   | 498        | 26000                | 12.9 | 1330                    | 214                            | 8                         | 35.3                    |
| Nov   | 20000                         | 2300                | 480        | 5000                 | 7.76 | 5100                    | 427                            | 15                        | 90.6                    |
| Dec   | 1000000                       | 44000               | 685        | 3020                 | 7.69 | 1120                    | 110                            | 17                        | 29.4                    |