

## EF40 - IRRIGATION EFFLUENT TESTING RESULTS - 2026

Approved By: General Manager

Version: 2

Issue Date: 04 April 2024

Review Date: 04 April 2027



\*Not Tested (NT) No Sample (NS)

| ANALYSIS                                  | Oct-25 | Nov-25 | Dec-25 | Jan-26 | Feb-26 | Mar-26 | Apr-26 | May-26 | Jun-26 | Jul-26 | Aug-26 | Sep-26 | HIGH  | LOW   | AVE     |
|-------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|---------|
| Ammonia as N in water - mg/L              |        | 270    |        |        |        |        |        |        |        |        |        |        | 270   | 270   | 270.00  |
| BOD - mg/L                                |        | 860    |        |        |        |        |        |        |        |        |        |        | 860   | 860   | 860.00  |
| Chloride - mg/L                           |        | 1500   |        |        |        |        |        |        |        |        |        |        | 1500  | 1500  | 1500.00 |
| Chromium Total - mg/L                     |        | 0.002  |        |        |        |        |        |        |        |        |        |        | 0.002 | 0.002 | 0.00    |
| Electrical Conductivity - $\mu$ S/cm      |        | 4140   |        |        |        |        |        |        |        |        |        |        | 4140  | 4140  | 4140.00 |
| Oil & Grease (LLE) - mg/L                 |        | 81     |        |        |        |        |        |        |        |        |        |        | 81    | 81    | 81.00   |
| pH - pH Units                             |        | 10.55  |        |        |        |        |        |        |        |        |        |        | 10.55 | 10.55 | 10.55   |
| Total Phosphorus - mg/L                   |        | 22     |        |        |        |        |        |        |        |        |        |        | 22    | 22    | 22.00   |
| Sodium - mg/L                             |        | 1020   |        |        |        |        |        |        |        |        |        |        | 1020  | 1020  | 1020.00 |
| Sulphate, $SO_4$ - mg/L                   |        | 930    |        |        |        |        |        |        |        |        |        |        | 930   | 930   | 930.00  |
| Total Kjeldahl Nitrogen - mg/L            |        | 820    |        |        |        |        |        |        |        |        |        |        | 820   | 820   | 820.00  |
| Nitrogen Total - mg/L                     |        | 820    |        |        |        |        |        |        |        |        |        |        | 820   | 820   | 820.00  |
| Nitrate, $NO_3$ - mg/L                    |        | 1.7    |        |        |        |        |        |        |        |        |        |        | 1.7   | 1.7   | 1.70    |
| Nitrite, $NO_2$ - mg/L                    |        | 0.21   |        |        |        |        |        |        |        |        |        |        | 0.21  | 0.21  | 0.21    |
| Total Suspended Solids @ 103-105°C - mg/L |        | 2600   |        |        |        |        |        |        |        |        |        |        | 2600  | 2600  | 2600.00 |
| Total Dissolved Solids (grav) - mg/L      |        | 8600   |        |        |        |        |        |        |        |        |        |        | 8600  | 8600  | 8600.00 |
| Sulphide, $S_2$ - mg/L                    |        | 90.5   |        |        |        |        |        |        |        |        |        |        | 90.5  | 90.5  | 90.50   |
| Sulphite, $SO_3$ - mg/L                   |        | 1800   |        |        |        |        |        |        |        |        |        |        | 1800  | 1800  | 1800.00 |
| Sulphur, S - mg/L                         |        | 840    |        |        |        |        |        |        |        |        |        |        | 840   | 840   | 840.00  |
| Hexavalent Chromium, $Cr_{6+}$ - mg/L     |        | 0.025  |        |        |        |        |        |        |        |        |        |        | 0.025 | 0.025 | 0.03    |
| COD - $mgO_2/L$                           |        | 5500   |        |        |        |        |        |        |        |        |        |        | 5500  | 5500  | 5500.00 |
| Potassium - mg/L                          |        | 23     |        |        |        |        |        |        |        |        |        |        | 23    | 23    | 23.00   |
| Calcium - mg/L                            |        | 22     |        |        |        |        |        |        |        |        |        |        | 22    | 22    | 22.00   |
| Magnesium - mg/L                          |        | 1.8    |        |        |        |        |        |        |        |        |        |        | 1.8   | 1.8   | 1.80    |
| Manganese - mg/L                          |        | 1.7    |        |        |        |        |        |        |        |        |        |        | 1.7   | 1.7   | 1.70    |
| SAR                                       |        | 56.1   |        |        |        |        |        |        |        |        |        |        | 56.1  | 56.1  | 56.10   |

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