| EPA ID 1 = "Soil" Expanding Table: | | | | | | | EPA ID 2 = "Non Potable Water" | | EPA ID 3 = "Ground Water" | |
|---|---|---|---|---|---|---|---|---|---|---|
| *75mm of the soil profile from areas labelled as "Paddocks 2,3,4,12 and 17" as shown on the survey plan 97167 submitted to the EPA with the licence information form dated 28 January 2000.* | | | | | | | *Discharge from the pump delivery pipe to the irrigator in relation to the southernmost terminal pond in "Paddock 6" as shown on the survey plan 97167 submitted to the EPA with the licence information form dated 28 January 2000.* | | *Groundwater from the deep bore located in the south-western corner of the premises labelled as "Bore" on the survey plan 97167 submitted to the EPA with the licence information form dated 28 January 2000.* | |
| Sample 04/02/2013 | COMPOSITE | PADDOCK 2 | PADDOCK 3 | Paddock 4 | PADDOCK 12 | PADDOCK 17 | Sample | Pond 6 - 27/06/2014 | Time taken | 21/03/2013 6:25 |
| Certificate Number | 72508 | 72508 | 72508 | 70508 | 72508 | 72508 | Certifiicate Number | 297746 | Sample No | Bore |
| Colour | BR | DKBR | BR | BR | BR | BRGR | Nitrogen - TKN (mg/L) | 310 | Certifiicate Number | 226826 |
| Gravel (%) | 5 - 10 | 15-20 | 5 | 5 | 5 | 5 | Nitrate Nitrogen(mg/L) | 0.24 | Nitrogen - TKN (mg/L) | 77.8 |
| Texture | 2 | 2 | 2 | 2 | 2 | 2 | Nitrite Nitrogen (mg/L) | 0.092 | Nitrate Nitrogen(mg/L) | 2659 |
| Ammonium Nitrogen (mg/Kg) | 34 | 33 | 27 | 33 | 37 | 38 | Nitrogen-Total (mg/L) | 310 | Nitrite Nitrogen (mg/L) | 0.007 |
| Nitrite Nitrogen (mg/Kg) | 37 | 25 | 44 | 36 | 43 | 49 | Phosphorus-Total(mg/L) | 39 | Nitrogen-Total (mg/L) | 80.5 |
| Phosphorus-Colwell (mg/Kg) | 439 | 360 | 421 | 626 | 290 | 584 | Solids-Dissolved(mg/L) | 1300 | Phosphorus-Total(mg/L) | 0.04 |
| Potassium Colwell (mg/Kg) | 1355 | 1035 | 1200 | 1900 | 1309 | 2030 | COD(mg/L) | 900 | Solids-Dissolved(mg/L) | 579 |
| Sulphur (mg/Kg) | 23 | 33.3 | 23.5 | 18.1 | 19.1 | 32.9 | pH | 7.54 | COD(mg/L) | 178 |
| Organic Carbon % | 3.76 | 3.8 | 4.32 | 3.45 | 4.16 | 4.61 | Temp of water for pH Test (C) | | pH | 7.67 |
| Conductivity (dS/m) | 0.149 | 0.195 | 0.165 | 0.14 | 0.175 | 0.312 | BOD-5day(mg/L) | 450 | BOD-5day(mg/L) | <2 |
| pH Level (CaCl2) | 4.7 | 5 | 4.6 | 4.5 | 4.9 | 5.4 | Comments | | Comments | |
| pH Level (H2O) | 5.6 | 5.8 | 5.4 | 5.2 | 5.6 | 6.2 | | | | |
| Exc. Aluminium (meq/100g) | 0.065 | 0.026 | 0.129 | 0.219 | 0.03 | 0.01 | | | | |
| Exc. Calcium (meq/100g) | 7.34 | 8.05 | 6.75 | 7.43 | 7.14 | 14.45 | | | | |
| Exec. Magnesium (meq/100g) | 3.59 | 3.88 | 2.79 | 4.21 | 2.9 | 7.31 | | | | |
| Exc. Potassium (meq/100g) | 2.84 | 2.38 | 2.94 | 3.49 | 2.83 | 4.07 | | | | |
| Exc. Sodium (meq/100g) | 0.43 | 0.51 | 0.41 | 0.36 | 0.14 | 1.53 | | | | |
| Chloride (mg/Kg) | 36.4 | 40.5 | 39.1 | 19.7 | 30.7 | 140.5 | | | | |
| PBI | 159.7 | 148.3 | 157.2 | 194.2 | 117.6 | 265.7 | | | | |
| Total Nitrogen (%) | 0.47 | 0.4 | 0.54 | 0.42 | 0.41 | 0.51 | | | | |
| Total Phosphorus (mg/Kg) | 1196.9 | 978.6 | 1181 | 1584.3 | 1002.4 | 17.31 | | | | |
| Ex Acidity (meq/100g) | 0.12 | 0.07 | 0.17 | 0.36 | 0.11 | 0.07 | | | | |
| KCl exch. aluminium (meq/100g) | 0.05 | 0.01 | 0.08 | 0.21 | 0.03 | 0.01 | | | | |
| KCL exch. hydrogen (meq/100g) | 0.07 | 0.06 | 0.1 | 0.15 | 0.09 | 0.06 | | | | |
| Comments | | | | | | | | | | |