

## Water/Effluent Testing with ARL – Price List

### Water Analysis Suites

**Domestic/Drinking Water** **\$112.50** (shareholder) **\$125.00** (retail)

pH, Ca, Mg, K, Na, Zn, Mn, Fe, Conductivity, Total Dissolved Solids, Alkalinity, Chloride, Hardness, Bicarbonate, Free Carbon Dioxide, Boron, Copper, Ammoniacal N, Nitrate/Nitrite N

*Ensures drinking water is safe for human health, benchmarking against current NZ Drinking Water Standards. Identifies water quality issues and offers advice on treatment options.*

**Microbiological/Bacteria** **\$32.40** (shareholder) **\$36.00** (retail)

Total Coliforms, E. Coli

*Ensures water free from bacterial contamination.*

**Irrigation** **\$94.50** (shareholder) **\$105.00** (retail)

pH, Ca, Mg, K, Na, Zn, Mn, Fe, Conductivity, Total Dissolved Solids, Alkalinity, Chloride, Hardness, Bicarbonate, Free Carbon Dioxide, Boron, Copper, Sodium Absorption Ratio

*Benchmarks against irrigation critical values to optimise crop production and determine potential for plant injury. Assesses water quality for long term effects to soil, and offers advice on reticulation and treatment options.*

**Farm Environmental Impact – meets ORC requirements** **\$73.80** (shareholder) **\$82.00** (retail)

pH, Ammoniacal N, Nitrate/Nitrite-N, Dissolved Reactive P, Total Coliforms, E.Coli

*Monitors environmental impact over time on surrounding waterways.*

**Heavy Metal Suite** **\$77.40** (shareholder) **\$86.00** (retail)

Antimony, Aluminium, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Molybdenum, Nickel, Selenium, Uranium

### Trade Waste and Effluent Suites

**Farm Dairy Effluent (FDE)** **\$99.00** (shareholder) **\$110.00** (retail)

pH, Ca, Mg, K, Na, Sodium Absorption Ratio, Total N, Total Dissolved P, Total S

*Assess the value of FDE as a fertiliser, and a tool to check land application is within maximum rates recommended by Regional Councils.*

**Trade Waste** **\$86.40** (shareholder) **\$96.00** (retail)

pH, CBOD, Settleable Solids, Total Suspended Solids

**Winery Waste** **\$173.70** (shareholder) **\$193.00** (retail)

pH, BOD, Ca, Mg, Na, Sodium Absorption Ratio, Total N (TKN + NO<sub>3</sub>), Total P, Total Suspended Solids, Total Dissolved Solids

### Additional Tests

Analysis	Shareholder	Retail
Biochemical Oxygen Demand (BOD)	\$48.60	\$54.00
Fluoride	\$34.00	\$40.00
Total Nitrogen (TKN + NO <sub>3</sub> )	\$48.60	\$54.00
Total Solids	\$27.90	\$31.00
Total Suspended Solids	\$27.90	\$31.00
Turbidity NTU's	\$22.50	\$25.00

### Testing Kits

ARL water testing kits provide everything you need to sample your water and send it back to the laboratory according to APHA requirements (crucial for microbiological and Farm Environmental Impact suites). Includes sample bottles, ice packs, instruction guide and return courier pre-paid chilly bin. Please contact the lab for testing kits.

All prices are charged per sample and are GST exclusive. Ravensdown Shareholders receive a 10% discount. If paying by Direct Debit an additional 1.5% discount applies. Prices effective as of 01 June 2020 and are subject to change without notice.