

REPORT OF ANALYSIS

CLIENT ( 0796 ) : The Water Shop

DATE RECEIVED : 07/07/92

ORDER NUMBER :

ATTENTION : Mr Graeme Russell

LAB REPORT # CLIENT REF # DESCRIPTION

92/007213 ECO PURE WATER FILTER

Lab Report No. S92/007213 S92/007213

|                          | Before   | After |
|--------------------------|----------|-------|
| Bacteria No/mL           | 46000    | <1    |
| Fulds No/mL              | 1500     | <1    |
| Coli MPN/100mL           | >1810000 | >181  |
| Group D Strep. MPN/100mL | >1810000 | >181  |

Signed



C Fraser  
(for Director)  
Date 30/7/92

# Australian Government Analytical Laboratories

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## REPORT OF ANALYSIS

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DATE RECEIVED : 07/07/92

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ATTENTION

LAB REPORT #      CLIENT REF #      DESCRIPTION  
92/007213                              ECO PURE WATER FILTER

| COMPOUND          | Before           | After      | Percentage |
|-------------------|------------------|------------|------------|
|                   | Filtration       | Filtration |            |
|                   | Spiked tap water |            | Reduction  |
| <b>PESTICIDES</b> |                  |            |            |
| Dieldrin          | 0.55             | <0.1       | >98        |
| Endosulfan        | 0.5              | <0.1       | >98        |
| Heptachlor        | 0.6              | <0.1       | >98        |
| Malathion         | 0.6              | <0.1       | >98        |
| Parathion         | 0.5              | <0.1       | >98        |
| Permethrin        | 2.8              | <0.3       | >89        |
| Phosalone         | 0.5              | <0.1       | >98        |
| Triphenylethylene | 1.6              | <0.3       | >81        |
| DDT               | 0.57             | <0.1       | >98        |
| Nonachlor         | 0.52             | <0.1       | >98        |
| Phosmet           | 1.35             | <0.3       | >78        |
| Quinalphos        | 0.55             | <0.1       | >98        |

above results are expressed as micrograms/Litre (ppb).

|                     |       |        |     |
|---------------------|-------|--------|-----|
| <b>HEAVY METALS</b> |       |        |     |
| Lead                | 0.42  | <0.02  | >95 |
| Cadmium             | 0.043 | <0.001 | >98 |
| Copper              | 2.9   | <0.05  | >98 |
| Iron                | 2.2   | <0.05  | >98 |
| Mercury             | 0.01  | <0.001 | >90 |
| Manganese           | 0.67  | <0.01  | >99 |
| Zinc                | 3.7   | <0.01  | >99 |

above results are expressed as milligrams/Litre (ppm).

|                           |          |      |     |
|---------------------------|----------|------|-----|
| <b>MICROBIOLOGICAL</b>    |          |      |     |
| Total Coliforms (No./mL)  | 46000    | <1   | >99 |
| Faecal Coliforms (No./mL) | 1500     | <1   | >99 |
| Coli (MPN/100mL)          | >1810000 | >181 |     |
| Group D Streptococci      | >1810000 | >181 |     |

above result is expressed as most probable number/100mL.

Approximately five litres of tap water were spiked with the above compounds and pumped through the filter at 1.4 L/min. Approximately three litres of filtrate were discarded prior to collection. The water was analysed before and after filtration.

Signed

*Dr Michael Mular*

Dr Michael Mular  
(for Director)

Date 4/8/92