

RC220060 – THE CLEARING STAGES 3-6

Response to Supplementary Statement of Evidence of Gary Noel Stevenson

by

Hayden Kent, Hurunui District Council Consents Engineer

Assessment of the Lifetime Costs of The Filterra System.

- 1.1. Mr Stevenson has reported on lifetime cost of the proprietary Filterra system analysing maintenance costs differences against a First Flush Basin.
- 1.2. The rudimentary figures submitted suggest an extra over cost of \$5000pa (\$14,000 – \$9000) for maintaining the Filterra system for 22 years with an extra over cost of \$48000 in year 23.
- 1.3. My assessment suggests the proposed first flush basin maintenance cost is nearer \$3600pa under HDC protocols (3 hours mowing at \$100p/hr 12 times per year maximum), suggesting the extra over annual maintenance cost is nearer \$10,000pa.
- 1.4. Filterra maintenance costs cannot be commented on or assessed. It is not known whether the reported historic costs are relevant to an urban roading environment or relate to small private installations where it is understood these installations are more common.
- 1.5. It is also not clear as to the depreciated value of the Filterra structure versus the First Flush Basin.
- 1.6. Irrespective of the additional monetary cost of the maintenance of the installation, I would reiterate the concern Council has in respect of resourcing/training staff to undertake this activity unique to the district.