

Results of cleaning with Greywater Purifiers

Biolan Greywater Filter, municipality of Länsi-Turunmaa

Because of the site's rockiness, a Biolan Greywater Filter (to treat the washing water) and a dry toilet were chosen for the property, which was permanently occupied by two people.

The sampler from VALONIA comes to the property 3-4 times a year to sample the purified waste water. The sampling results are presented in the table below. Wastewater from the property is assumed to comply with the load figures given by the decree for wastewater treatment in sparsely populated areas and the amount of greywater from the property is assumed to be 80 l/person * d. The samples were extracted from a collector tank with sediment trap.

Operation: The purifier has been working well. The sample taken on 06/16/2008 was adversely affected by the seep liquid from a dry toilet that had accidentally run in to the sampling tank two days before the sample was taken.

Object 1 Cleaning results (%) of the Biolan Greywater Filter and concentrations (mg/l), Nikkanen

Sample Date	BOD7atu % (83)	BOD7atu mg / l	P (total)% (17)	P (total) mg /l	N (total) %(0)	N (total) mg/l
10/05/2010	93	27	87	0.63	68	4
23/02/2010	91	33	58	2.1	59	5.1
29/06/2009	99	3.8	96	0.18	54	15.7
16/02/2009	81	71	83	0.85	58	5.2
17/11/2008	96	14	91	0.43	86	1.7
23/09/2008	98	7.9	99	0.063	70	3.7
16/06/2008	65	130	38	3.1	4	12
20/05/2008	98	7.4	98	0.11	78	2.7
11/02/2008	94	21	88	0.58	53	5.9
average	90.6		82		58.9	