

Sustainable Living



Aqua2use Greywater Diversion Device



The Answer for Greywater Reuse



ATS5200.460-GWDD
CN: WMK 30004

Matala® 3D Progressive Filtration :
Technology Proved in more

Effluent Average Test Results :

CHEMICAL TEST REPORT

Analyte	Biosteps filter (prefilter)		Flow Rate : 300 l/hr SS removal rate : 90%			
	influent	Effluent	Units	Test Method	Error Assessment	Detection Limit
BOD	248	124	mg/L	TM02	± 8%	3
COD	771	269	mg/L			
SS	473	47	mg/L	TM12	± 5%	2

CHEMICAL TEST REPORT

Analyte	Matala effluent filter (prefilter)		Flow Rate : 1380 l/hr SS removal rate : 75%			
	Influent	Effluent	Units	Test Method	Error Assessment	Detection Limit
SS	680	171	mg/L	TM12	± 5%	2

Sludge Analysis : (9.6 kgs of wet sludge was collected from the filter pads after 40,000 lts had flown through the device)

CHEMICAL TEST REPORT

Analyte	Sludge	Units	Test Method	Error	Detection Limit
Ammonia N	26.7	mg/L	TM22F	± 4%	0.02
BOD	15060	mg/L	TM02	± 8%	3
Soluble BOD	1590	mg/L	TM02	± 8%	3
COD	26900	mg/L			
Soluble COD	1800	mg/L			
NOx	0.02	mg/L	TM23F	± 8%	0.02
Organic N	779.1	mg/L	TM25F	± 15%	0.5
VSS	45.2	%	TM12	± 5%	2
SS	38750	mg/L	TM12	± 5%	2
TKN	805.8	mg/L	TM25A	± 10%	0.5
Total N	805.8	mg/L	TM25F	± 15%	0.5
TKP	197.60	mg/L	TM16TKP	± 7%	2.00

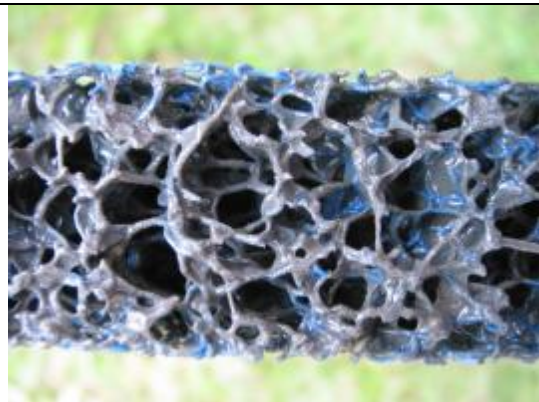
Matala Aqua2use Graywater Diverter Test in caravan park.



Black Matala FSM190



Green Matala FSM290



Blue Matala FSM365

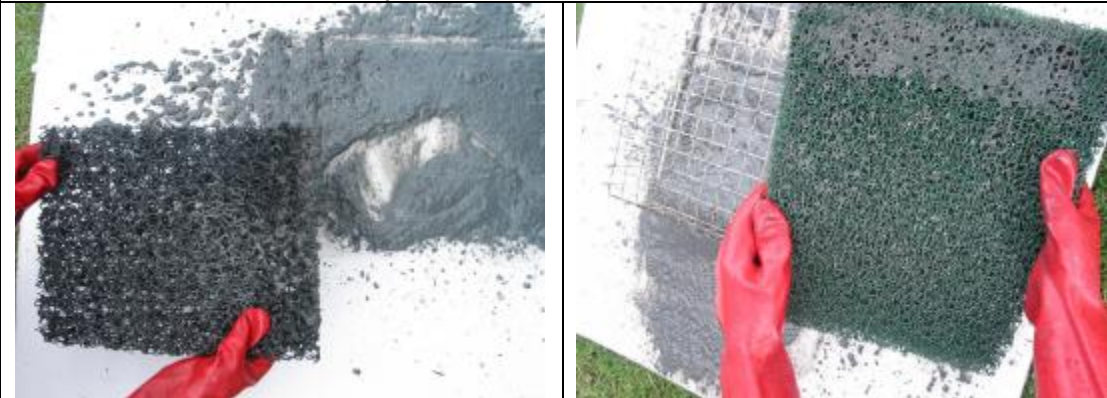


Grey Matala FSM460

above pictures show Matala filter sheets removed from system after 40,000litres of greywater flow through



Macro picture of Black Matala FSM190



Cleaning of the filtermats by tapping on a metal grid

[See the sludge chemical analysis in the 1st page](#)

Proudly Distributed By:



1007 W. College Ave #461
Santa Rosa, CA 95401
Phone 707-793-4800, Fax 888-473-3650
www.ushydrotech.com, Info@Ushydrotech.com