OGS ISO 14034 – ETV Test Results: *Sediment Removal*

Vendor	Initial Verification	Model Tested	Sediment Removal Results (%) by Surface Loading Rate (L/min/m²)							
			40	80	200	400	600	1000	1400	Optional
StormTrap	2023[1]	StormSettler 4	80.5	76.6	71.2	62.9	63.6	55.1	41.8	
Rainwater Management Ltd.	2022[1]	DM1200	67.7	63.3	54.9	45.4	42.1	35.5	33.6	
Rainwater Management Ltd.	2022[1]	DM1200-OS	67.7	63.3	54.9	45.4	42.1	35.0	28.7	
HydroWorks	2021	HdroDome HD3[2]	83.9	77.6	68.4	66.9	59.4	52.4	46.0	
Hydro International	2019	Downstream Defender 4	72.4	67.7	57.9	52.4	42.6	35.9	26.6	
Bio Clean Environmental Inc.	2019	SciCLONE SC4	70.4	71.0	59.8	53.9	50.9	45.4	39.3	
Hydoworks	2018	Hydrostorm 4	68.6	64	60	56.1	46.1	41.2	35.7	
Hydro International	2018	First Defense High Capacity OGS 4	66.5	59.9	55.4	50.2	44.9	45.2	40.5	
Contech	2017	CDS-4	73.5	70.3	63.4	52.6	45.1	41.5	32.4	23.0[3]
Imbrium Systems Inc.	2017	Stormceptor EF4	70.4	63.8	53.9	47.5	46.0	43.7	49.0	
Imbrium Systems Inc.	2017	Stormceptor EFO4	70.4	63.8	53.9	47.5	41.7	39.7	34.2	
Next Stormwater Solutions	2016	SDD 3	73.0	67.0	61.0	53.0	50.0	52.0	49.0	47[4]

Note 1: Units tested from 2022 onwards were subject to more stringent requirements intended to reduce or eliminate accumulation of sediment in the inlet pipe.

Note 2: The HydroDome unit is the only product on this list to have a filter, as defined in the 2023 *OGS Test Procedure*. While only a portion of the total flow directed to the unit is designed to pass through the filter, under the new *Procedure* the presence of such a filter requires additional testing to evaluate the potential effects clogging of the filter may have on sediment removal performance. This additional testing was not undertaken.

Note 3: Surface Loading Rate = 1893 L/min/m²

Note 4: Surface Loading Rate = 1800 L/min/m²