

Storm Pal 20075
Storm water interceptor

US Patent # 7314549
 Canadian Pat. #2,561,763

Dimensions and Capacities

Table #1 - Retention Capacity

Treatment Tank	Height (m)	Diameter (m)	Retention Volume (cum)
Primary (h1)	2.65	2.1	9.174
Secondary (h2)	2.55	1.8	6.486
Tertiary	2.5	1.5	4.416
Total			20.075

Table #2 - Sediment Capacity

Treatment Tank	Height (m)	Diameter (m)	Sediment Volume (cum)
Primary (s1)	1.1	2.1	3.808
Secondary (s2)	1	1.8	2.543
Tertiary (s3)	0.95	1.5	1.678
Total			8.03

Table #3 - Oil Capacity

Treatment Tank	Height (m)	Diameter (m)	Oil / grease Volume (cum)
Primary (o1)	1.2	2.1	4.154
Secondary (o2)	1.1	1.8	2.798
Tertiary (o3)	0.1	1.5	0.177
Total			7.13

Table #4 - Summary

Capacity	Oil / grease (litres)	Sediment (litres)	Retention (litres)
Total	7128.6	8029.4	20075.2

Calculated By: Gavin Swift, P.Eng