

Storm Pal 6400
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	1.2	2.261
Secondary (h2)	2	1.2	2.261
Tertiary	1.7	1.2	1.922
Total			6.443

Table #2 - Sediment Capacity

Treatment Tank	Height (m)	Diameter (m)	Sediment Volume (cum)
Primary (s1)	0.7	1.2	0.791
Secondary (s2)	0.7	1.2	0.791
Tertiary (s3)	0.6	1.2	0.678
Total			2.26

Table #3 - Oil Capacity

Treatment Tank	Height (m)	Diameter (m)	Oil / grease Volume (cum)
Primary (o1)	0.9	1.2	1.017
Secondary (o2)	0.7	1.2	0.791
Tertiary (o3)	0.1	1.2	0.113
Total			1.92

Table #4 - Summary

Capacity	Oil / grease (litres)	Sediment (litres)	Retention (litres)
Total	1921.7	2260.8	6443.3

Calculated By: Gavin Swift, P.Eng