

**Storm Pal 14400**  
**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)	1.9	1.8	4.832
Secondary (h2)	1.9	1.8	4.832
Tertiary (h3)	1.9	1.8	4.832
Total			14.497

**Table #2** - Sediment Capacity

Treatment Tank	Height (m)	Diameter (m)	Sediment Volume (cum)
Primary (s1)	0.75	1.8	1.908
Secondary (s2)	0.75	1.8	1.908
Tertiary (s3)	0.75	1.8	1.908
Total			5.72

**Table #3** - Oil Capacity

Treatment Tank	Height (m)	Diameter (m)	Oil / grease Volume (cum)
Primary (o1)	0.9	1.8	2.289
Secondary (o2)	0.9	1.8	2.289
Tertiary (o3)	0.25	1.8	0.636
Total			5.21

**Table #4** - Summary

Capacity	Oil / grease (litres)	Sediment (litres)	Retention (litres)
Total	5214.0	5722.7	14497.4