

ML International Trading Pte Ltd

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About us

ML International Trading Pte Ltd is a Singapore registered company and is involved in Design and Build project activities for construction and engineering works. Since 2004, we have been supporting clients from the government and private sectors in excellent project management services in engineering works. We are also specialists in environmental green projects, particularly in stormwater management devices. These devices for waterway cleaning are patented products.

Litter traps and boom system

Floating litter and debris are often found in Singapore's canals, drains, waterways and pose an environmental problem. The litter trap proposed by us can effectively capture and collect these litter. When coupled with floating boom systems that help to deflect and collect litter, this makes stormwater management easier.



Features and benefits of litter trap

- Litter is directed through a gate so that it can be collected
- Cost effective
- Operates on its own without mechanical assistance and requires minimal maintenance
- Made of durable and corrosion resistant materials

Features and benefits of boom

- Manufactured from durable polyethylene
- Can be coupled together to cover varying waterway widths
- Acts in tandem with litter trap to deflect and collect floating litter
- Skirt nettings prevent litter escaping under boom system
- Flexible to withstand strong currents and allow movement between booms

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Litter removal

Trapped litter can be removed either manually or by use of lorry crane or hoisting method. The litter baskets present an effective way of disposal of litter. Litter can then be further sorted and recycled.

Features and benefits

- Litter basket opened from underneath to allow debris to free fall into skip tank / truck
- 2 or more litter baskets can be catered according to design
- Workers can stand on deck, allowing easier maintenance work



Pipe-end Trap System

Features and benefits

- Net system to remove existing litter
- Attached to existing storm drain outlet and designed to treat flow end-of-pipe
- Requires little or no structural changes to existing stormwater system
- Consists of hot dipped galvanised steel or marine grade stainless steel pipe extension and durable polyethylene net

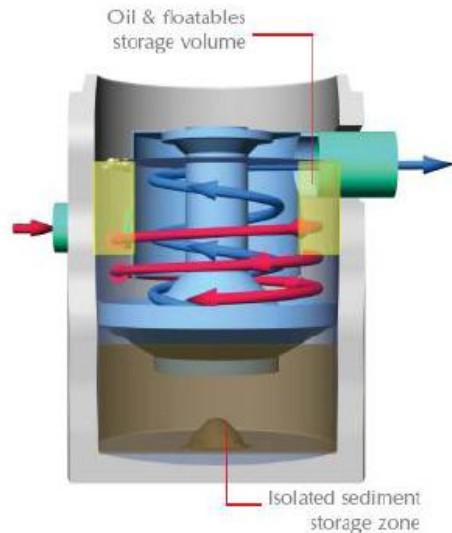


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Downstream Defender System



Features and benefits

- Hydrodynamic separator designed to remove sediments and floatables in stormwater
- Captured sediments contained in separate areas and require minimal maintenance
- Efficient over a wide range of water flows
- Low inherent system head loss
- Stable flow regime maximises removal and prevents re-entrainment of stored pollutants

Turbidity curtain



Features and benefits

- Flexible sediment control barriers designed to prevent spread of silt and sediment in water bodies
- High visibility floats
- Woven geotextile which reduces strain on the floatation
- Floatation individually secured to prevent movement of floats