

SANDTRAPS



Our range of Sand Traps are designed to significantly speed-up the settling time for sediment impacted water. Sand Traps are built with internal compartments separated by baffle plates which allow settlement time and thus cleaner water to decant into the next compartment. Water continues to cascade through the sand trap until reaching the outlet chamber.

Sand traps represent the most basic water treatment step in the NPE line up. Their primary function is to stop heavy solid particles (sand and rock) from progressing downstream. While they have a limited ability to also trap finer particles like clays and cement fines, this is heavily dependent on flow rates and cannot be relied upon unless flows are relatively low.

NPE has a range of sand traps of varying footprints to suit various applications and flowrates from 1 to 20 L/s. Larger sand traps are hydraulically capable of handling flows up to 100 L/s, however the rate of settling drops off significantly after 20 L/s.

KEY FEATURES

- Lightweight and easy to mobilize
- Extremely simple to use
- Highly effective at removal of heavy solids from effluent stream

TECHNICAL DATA

LARGE

Dimensions	7000mm x 2000mm x 1600mm
Gross Weight	2000kg
Optimum Flow	20 L/s
Max Flow	100 L/s
Containment	Skid-Mounted
Operating System	Nil.
Consumables	Nil.

SMALL

Dimensions	1000mm x 1000mm x 1000mm
Gross Weight	300kg
Optimum Flow	2 L/s
Max Flow	5 L/s
Containment	Skid-Mounted
Operating System	Nil.
Consumables	Nil.

