Schematic Detail of SCS600 Diversion System This Is A Sydney Water "Authorized Product"

SPECIFICATIONS

Grate

Material 6mm MDPE
Silt Basket Capacity 50 Litres

9mm holes

Diversion Valve 1200l/min
Flow Rate @.5m head
Max Inlet Pressure 1400kPa

1400kPa Class D HD

Spill Alarm Strobe

Galvanised

<u>Note:</u> No Washdown during a rain event refer to local authority

600 x 550mm Contains PLC and Demand Cold Water Supply Valve and GPO (240v 10Amp) (by others) Min 100kPa. Must be protected by strainer and RPZ (Supplied on Request) All washdown points must come down stream from this point. Non washdown points will be before the Demand Valve. 6 core Control Cable Drive Line (by others) Protect with 32mm $\frac{1}{2}$ " ϕ D Copper tube. Install with conduit (by others) bend to allow disconnection at valve.

Sensor Probe

150mmø Outlet

To Tradewaste

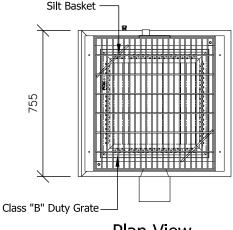
SCS600

775

Control box 304 Stainless Steel

PROCESS DESCRIPTION

The Fox SCS600 is suitable for applications where there is a need to prevent spillage of hydrocarbons or other free floating non-soluble contaminants from entering the stormwater system. A hydrocarbon sensor in the pit can be calibrated to suit site conditions. This sensor detects the presence of significant quantities of hydrocarbons providing an alarm. The pit contents are then diverted to a holding tank. An option is available to totally isolate the site if a spill is detected to ensure that no further runoff can leave the area until the cause of the alarm is addressed. Minor quantities of hydrocarbons are retained in the chamber by a drawwing and discharged to the holding tank during a cleansing cycle once each day. Electrical protection is rated at IP65. An Intrinsically Safe supply is not required when the fuel is diesel. If unleaded or other fuels are present an intrinsically safe control panel will be required and is available at an additional cost.



Plan View



This is a schematic representation only. Slab size and gradient to engineers details as arranged by customer. All plumbing and electrical connections to be installed by certified tradesmen in accordance with relative authorities requirements. Tradesmen to be engaged by the purchaser. System to be approved by relative Local Authorities before Installation.

This Drawing and design is the Property of Fox Environmental Systems Pty Ltd. It must not be used for any other purpose than that for which it was issued.

Project

System Specifications

Drawing Title

SCS600 Diversion System



150mmø Outlet

To Stormwater

Fox Diversion Valve

Draw wing

Drawn by:	J.F.S
Date:	08-01-2020
Scale:	1:20
Prawing No:	A4-SPEC-1010