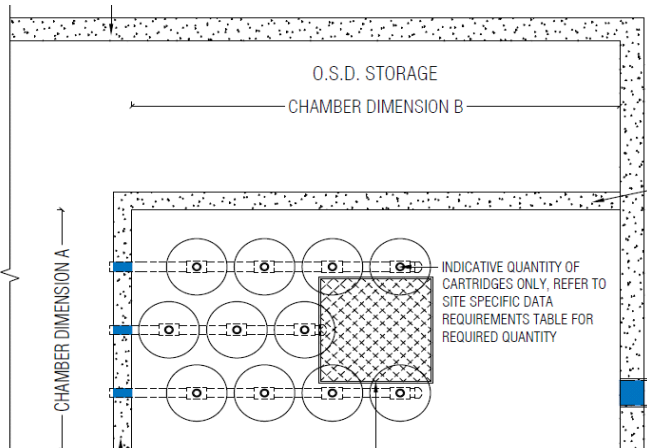


### SYSTEM INPUTS

System Type **Variable Detention Area**  
 Cartridge Height **690**  
 Number of Cartridges **2** 1 - 1000  
 Cartridge Media **PSorb**

Variable Detention Area Inputs  
 Length B (m) **3.0**  
 Width A (m) **2.0**  
 Diameter (m, leave blank if not a manhole)



### MUSIC MODEL PROPERTIES



#### Properties of SF Chamber

Location: [ ]

**Inlet Properties**  
 Low Flow By-pass (cubic metres per sec) 0.00000  
 High Flow By-pass (cubic metres per sec) 100.00000

**Storage Properties**  
 Surface Area (square metres) [ ]  
 Extended Detention Depth (metres) [ ]  
 Permanent Pool Volume (cubic metres) 0.0  
 Initial Volume (cubic metres) 0.00  
 Exfiltration Rate (mm/hr) 0.00  
 Evaporative Loss as % of PET 0.00

[ Estimate Parameters ]

**Outlet Properties**  
 Equivalent Pipe Diameter (mm) [ ]  
 Overflow Weir Width (metres) 2.0  
 Notional Detention Time (hrs) 87.9E-3

Use Custom Outflow and Storage Relationship  
 Define Custom Outflow and Storage Not Defined

[ Re-use... ] [ Fluxes... ] [ Notes... ] [ More ]

[ Cancel ] [ Back ] [ Finish ]

#### Properties of StormFilter

Location: [ ]

**Inlet Properties**  
 Low Flow By-pass (cubic metres per sec) 0.00000  
 High Flow By-pass (cubic metres per sec) [ ]

#### STORMFILTER DESIGN TABLE

- STORMFILTER TREATMENT CAPACITY VARIES BY NUMBER OF FILTER CARTRIDGES INSTALLED.
- THE STANDARD CONFIGURATION IS SHOWN. ACTUAL CONFIGURATION OF THE SPECIFIED STRUCTURE(S) PER CERTIFYING ENGINEER WILL BE SHOWN ON SUBMITTAL DRAWING(S).
- FILTER CARTRIDGES SHALL BE MEDIA-FILLED, PASSIVE, SIPHON ACTUATED, RADIAL FLOW, AND SELF-CLEANING. RADIAL MEDIA DEPTH SHALL BE 178mm.

|   |     |      |      |
|---|-----|------|------|
| CARTRIDGE NAME / SIPHON HEIGHT (mm)       | 690 | 460  | 310  |
| CARTRIDGE PHYSICAL HEIGHT (mm)            | 840 | 600  | 600  |
| TYPICAL WEIR HEIGHT [H] (mm)              | 920 | 690  | 540  |
| CARTRIDGE FLOW RATE FOR ZPG MEDIA (L/s)   | 1.6 | 1.1  | 0.7  |
| CARTRIDGE FLOW RATE FOR PSORB MEDIA (L/s) | 0.9 | 0.46 | 0.39 |

| Inflow  | Outflow | Inflow (m <sup>3</sup> /s) | % Capture |
|---------|---------|----------------------------|-----------|
| 0.0000  |         |                            |           |
| 10.0000 |         |                            |           |

**STORMFILTER CARTRIDGE DETAIL**