

Stormwater Quality Improvement Device (SQID) Design Criteria

Step 1 : Enter your contact details

Company name _____ Phone _____

Contact name _____ Fax _____

Project name _____ Email _____

Project address _____ Date _____

Local Government Authority _____

Step 2: Enter your project details

DESIGN FACTOR	PROJECT DETAILS
Catchment area	_____ ha
Catchment type	<input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Residential
Structure number (reference point)	_____
Designed discharge (maximum flow) eg: ARI 1 in 50 L/s	_____ L/s
Proposed treatable Flow Rate eg: (1-in-3 month ARI)	_____ L/s
Outlet pipe diameter	_____ mm
Inlet pipe diameter	_____ mm
Pipe gradient at inlet	_____ %
Pipe gradient at outlet	_____ %
Depth to pipe invert	_____ mm
Is the unit to be situated in a traffic able area?	<input type="checkbox"/> yes <input type="checkbox"/> no
Will the unit be placed on a permanent or transient water table	<input type="checkbox"/> yes <input type="checkbox"/> no
Will the unit be installed in aggressive soils such as acid sulphate soils or salt enriched soils?	<input type="checkbox"/> yes <input type="checkbox"/> no
Will the outlet pipe be submerged or in part subject to the effects of incoming tides?	<input type="checkbox"/> yes <input type="checkbox"/> no
Pollutants to be removed eg: litter, oil, sediment etc	_____
Required storage capacity	_____ Litres (L)
Type of cleaning preferred and frequency	_____
Is the site accessible by vehicle?	<input type="checkbox"/> yes <input type="checkbox"/> no
Aesthetic Are there visual aspects that need to be taken into account in the design, such as decorative access covers at finished surface level?	_____
Hydraulic Conditions Is the drainage system subject to surcharging or tidal influences? Are the pipes partially or fully submerged?	<input type="checkbox"/> yes <input type="checkbox"/> no
Other factors or comments Describe any other requirements that should be taken into account in the system design, such as other devices used on same line, timing, budget etc. Please attached an additional page if more space for comments is required.	_____