

SCREEN QUESTIONNAIRE

FOR SELF-CLEANING INTAKE SCREEN SOLUTIONS

Customer name:	
Location address:	
Contact no.:	
Email address:	
Pump site coordinates:	

General

No.	Item	Comments
1	Project name	
2	Name of property and what is used for/grown there (where applicable)	
3	Primary reason for an intake screen – fish protection or debris exclusion (asset protection – type?)	
4	Current problem/s	
5	Pumped water destination (i.e.: to irrigation channel, centre pivot, lateral, pond, dam etc...)?	
6	If a site visit is not possible immediately, please kindly provide photos.	

Design Information

No.	Item	Comments
1	Pumped or gravity flow?	
2	Pump type (i.e.: Centrifugal, axial flow etc.) and brand if known	
3	Pump size (diameter) – mm	
4	Minimum flow rate (if available) – ML/day or m ³ /s	
5	Maximum flow rate – ML/day or m ³ /s	
6	Depth of bed at pump intake (approximate clearance between bottom of pump to riverbed)	
7	Submergence depth of pump intake to water surface at minimum river pumping level	
8	Water levels – min. pump level, avg. level and max. flood level	
9	Pump intake (end of pipe). What is currently installed, i.e.: existing screen (type and aperture size), pipe flange, nothing etc. (if known or visible)	
10	Any power on site (single or 3-Phase or generator) – should a powered screen be required	
11	Intake description (i.e.: culvert, wet well, direct into river etc.)	
12	Name of river, creek, or dam, if applicable	

13	Types of debris the screen is likely to deal with – weed (specify type), grass, leaves, sticks, algae (specify type)	
14	Describe road access to pump shed and pump	
15	Describe pump installation (i.e.: fixed mounts down inclined embankment, vertical, submersible, inclined embankment on retractable rails)	
16	Are two pumps located alongside each other? If so, what is spacing dimensions (C-C)?	
17	General condition of existing pump and retrieval system	
18	Approximate embankment angle to determine flexible coupling requirement for a submersible pontoon	
19	Does the end of the pump experience a sweeping velocity? Any potential snag points alongside the pump intake for debris?	
20	Please provide plans of the installation, pump, and site, if available	
Other comments		

