



Fish friendly irrigation screens

Screen subsidies available on the Macquarie and Lachlan rivers!

What's the issue?

Millions of native fish are lost from rivers every year by being sucked into pumps and diverted into channels. These losses are unnecessary. We want to solve this problem by raising awareness of fish screens and offering an opportunity for successful applicants to receive a subsidised screen as part of a pilot project.

What do the screens do?

Screening pumps and diversions with self-cleaning screens:

- Reduce fish losses by 90%
- Make water delivery more efficient
- Save water users time and money in maintenance
- Boost rural economies through increased production.

These benefits have been proven in the United States where over 10,000 screens have been installed, and also in trials here in Australia.



Image: Floating Screen

'My self cleaning screen is saving me a minimum of five hours per week maintenance and I can now pump efficiently in low flows'
Ian Pengilly, Gooloogong

I've got some questions...

'How many fish do you think are affected?'

The lowest estimate is 1.3 million native fish per year in NSW, however it could be one hundred times more.

'Screens will cost farmers money to install and maintain.'

Most farmers already spend a substantial amount on running and servicing pumps every year.

The screens are self-cleaning. This means when they screen out fish, they also screen out debris which saves time and money as they reduce blocked pumps allowing for efficient pump operation.

As part of this project, we will be conducting a cost benefit analysis on installed self cleaning screens.

'This won't work in my river/property'

Available screening technology suits most situations, however may simply not be viable everywhere, for a range of reasons.

At this point, we are offering subsidised fish screens for successful applicants and raising awareness around the potential benefits to irrigators including savings of time, money and biodiversity.

To find out more about the project or how you can be involved, please contact:

Dominic Nowlan on 0409 915 695 or dominic.nowlan@lls.nsw.gov.au

To express your interest to participate in this pilot project, complete the application form overleaf.



**Local Land
Services**

Want to know more? Visit www.centralwest.lls.nsw.gov.au

Fish friendly screens pilot project

Expression of Interest (EOI) form

Applications are now open for irrigators seeking to implement diversion screening technology on irrigation pumps along the Macquarie and Lachlan River reaches.

EOIs close 5pm EST Friday 1 February 2019

Hand deliver: To any Local Land Services office	Post: Local Land Services Fish Friendly Screens Project PO Box 897 Forbes NSW 2871 (EOIs must be postmarked no later than 5pm Friday 25 January 2019)
Email: dominic.nowlan@lls.nsw.gov.au	

To register your interest, please complete and return the following:

Name: Please include first and last name, not initials		Mailing address:	
ABN:		Property name: (Location of works, please list nearest locality)	
Email:	Do you wish to receive all future correspondence on your EOI via email? Yes No		
LLS holding #:	WLL:		Lot/DP #:
Pump location/coordinates			
Works approval number			
WAL			
Annual extracted ML			

Proposed activity (please provide a brief response to the following questions):

What size pump/ suction line from river ? What type of system i.e. Flood, Spray, Other? What type and area of crops do you irrigate ?

Could you monitor/measure water quality improvements and savings i.e. frequency of back-flush, volume of back-flush water or check filter clean outs?

Signature of applicant: _____

Date: / /

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