

HYDROSCREEN CO. LLC

- **Improve water coverage and conservation by eliminating clogged nozzles and gates.**
- **Remove moss, weed seeds and debris from ditch water using existing checks and ditch diversions.**
- **Low-maintenance technology tested by the U.S. Bureau of Reclamation.**
- **Cost effective, debris removal solutions for agricultural, industrial, and municipal applications.**



A HYDROSCREEN at existing water check ...



... removes debris from your ditch water.



A self cleaning HYDROSCREEN ...



... increases profits and conserves water!

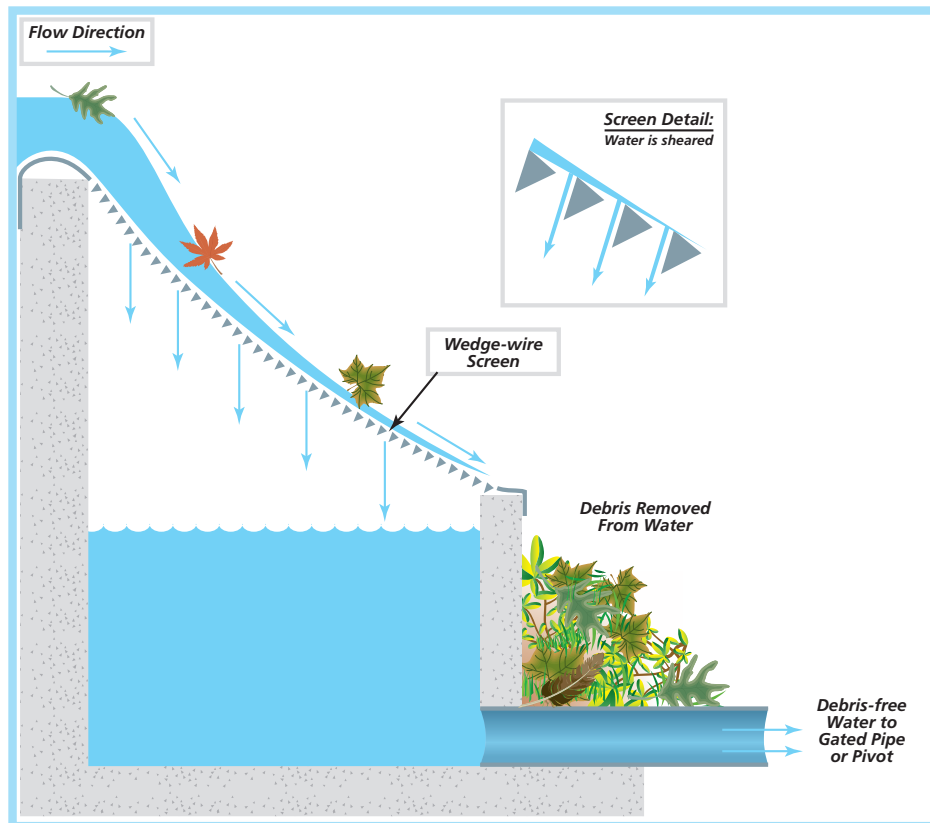


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Anyone who has used ditch water to supply either a pivot or gated pipe knows how critical it is to have clean debris-free water.

A tilted wire Coanda wedge wire screen will eliminate this problem, reduce maintenance costs, eliminate weed seeds, moss and other debris. Water Conservation is also greatly improved by never having clogged nozzles or gates. Once the flows and gates are set you can be insured that they will remain as set and not plug. The screens can be installed in a separate screen box or put into the bottom of the ditch and utilize the existing check to provide the head necessary for the operation of the screen.

While effective, pits are expensive to build and a great deal of water is lost in their operation. The in-ditch mounted units can accommodate flows of 50 gpm to 25 cfs with piping designed to accommodate the flows. The material of the screen construction is 304 stainless steel and will not wear out. The screens have been extensively tested by the U.S. Bureau of Reclamation and have been widely used in Hydro Power, Municipal, Industrial and specified for numerous NRCS agricultural applications.



Cross-section diagram of how the Coanda wedge-wire screen removes debris.

If you would like more information, please visit our web page:

www.hydroscreen.com

or contact us by phone at 1-800-567-4916, fax 303-393-8298 or e-mail rkweir@aol.com
Our professional engineering staff will assist you in the sizing and engineering design of your ditch diversion.