

POTATO FARM, LOXTON

Project description

In conjunction with Loxton Irrigation Pentair provided an irrigation solution for a potato farm about 10km south of Loxton, South Australia. The request was to find an alternate solution to the current weir turbines that were installed at the top of a cliff face providing water to a number of centre pivots. The most cost effective and efficient option was chosen however the customer also wanted to run the pump on a variable frequency drive at 62HZ which required the motors to be reworked with insulated bearings. The reworking of the motors was completed ex-factory saving the customer \$5,000 per 132kW 4 pole motor. The project included new pipework and a new pump shed by the river's edge. The pump shed's base is approximately 2 metres below the water level to assist with the flooded suction. Around 50 concrete truck loads were used in the construction of the pump shed.



Pentair products

6 x ISO Starline motor pumps 150x125-400 with stainless steel impellers.

Contractor

Loxton Irrigation Centre

<http://www.loxtonirrigation.com.au/>