Riverina Poultry Farms – Pump Shed



**Project description**

**MI Channel Pump Station on channel adjacent to Tabbita Lane feeding 6km pipeline to 4 dams and 20 chicken sheds per dam**

* Connection to MI channel allowing 6.5ML per day flow
* Electric pumping station capable of 6.5ML per day supply to various dams over the property
* 180lt/min Grundfos CRE 10-6 Jockey Pump
* Grundfos NBG electric pump 75kw 1450rpm 7Slt/sec @ 600kpa max to supply water to each dam
* 75kw variable speed drive and control from MAIT interface control

**Concrete Batching Plant and Office for the production of chicken sheds**

* Supply to 110,000lt Pioneer Steel Tank with covered roof. Up to 20,000lt/hour filling capacity
* Discharge from tanks will be plumbed to two pumps:
- Ebara Stainless Steel 600lt/min @ 10m transfer pump for filling the Concrete Plant
- Davey or Grundfos 1201t/min @ 35m Pressure System  installed for taps, tyre wash system
* System Design from MI channel: 2,000lt/concrete batch x 10 batches/hr x 7hrs = 140,000lt or 70 batches. Refill time 13hrs/day from Booster Pump

**Project details**

The connection into Murrumbidgee Irrigation System and the mainlines back to the farm dams and concrete processing plant is a large undertaking. We look forward to the next phases in the project as the sheds start to develop.

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