

Project Profile

Client: Arrow Energy

Scope: Dam 2-10 Pipeline Condition Assessment

Scope of Work:

- Conduct a condition assessment on 2 existing above ground pipes for the potential to change their service:
 - DN160 SDR17 PN10 PE100 water pipe
 - DN280 SDR17 PN10 PE100 water pipe
- Inspection of pipes at 2 locations along the line and at pumping station
- Inspection of pipes in local laydown yard
- Taking of sample scrapings to test at a NATA accredited Laboratory to determine U.V. Degradation from exposure
- Observe for mechanical damages to pipe such as scratches, abrasions and gouges
- Observation of surrounding area and identify any risks of damage from external sources
- Observation of installation to identify any necessary requirements
- Compilation of final report containing recommendations:
 - Identifying whether the system is capable of change in service
 - Identifying any changes that need to be made initially including the requirement to install a repair clamp on a gouge found in one of the pipes
 - Outlining any recommendations that should be implemented at the change of service

