

TI Project Phases Definition - Pipelines

Pre-feasibility Phase 1	<ul style="list-style-type: none"> • Form Irrigator Group • Expressions of Interest • Concept development and preliminary assessments • Basis of Design • Pipeline route • Capacities • Stake holders consultation • Preliminary engineering cost estimates • Socio-economic report • Secure water and dam 	
Preferred option		
Feasibility Phase 2	<ul style="list-style-type: none"> • Public launch • Community Consultation initially on concept and then on going • Feasibility studies: hydrology, flora and fauna, cultural heritage, water quality, land capability, limited geotechnical, water demand; these will generally consist of desk top studies with only specific issues that are identified being investigated on site • Reserves offset assessment • Engineering design and cost estimates • Authorised engineering cost estimate • Business case • Board approval 	
Project Funding Secured		
Approvals, Design & Tendering Phase 3	<ul style="list-style-type: none"> • Public launch • Binding water contracts to the threshold • Design review • Detailed engineering design • Locate pipelines and services exactly and survey • EPBC Referral or submission to State under Strategic Assessment • Detailed surveys, environmental impact statement and implementation plan. • Planning approval 	<ul style="list-style-type: none"> • Land and easement acquisition negotiated • Complete geotechnical investigation • Tendering and contract preparation • Sustainable yields results • Other permits and approvals, as required (eg. Aboriginal Relics Act, FPPs, Threatened Species Protection Act, Nature Conservation Act etc.) • Declaration of Irrigation District • Operations Implementation Plan
Approval to construct		
Construction Phase 4	<ul style="list-style-type: none"> • Award contracts • Construction • Commissioning and performance testing • Farm Water Access Plans • Implementation of Operations 	
Practical Completion		
Commissioning & Operations	<ul style="list-style-type: none"> • Commissioning • Training & Handover to Operations • Delivery of water • Construction defects liability 	