

INSPECTION TEST PLAN CONSTRUCTION

Foreman		Daryl Banks Kate Gentle Jay Arthur Callum Feely		Action	Arthur St SW Pipelines							
Manager					W	Witness	SWMH06-SWMH05 - 825 CLASS 2 RCRRJ - 89.1M @ 0.51%					
Divisional Manager					H	Hold Point	Job Number:		4811	Version:	1	
Engineer					M	Monitor						
No:	Detail	Specification / Standard	Inspection / Test Point	ACTION	Conformance Criteria (Whats Required)	Frequency	Inspection / Test Method	Verification Records	Signatory	Comments	Date	Signature
1	CLASS 2 RCRRJ PIPE AND FITTINGS	Contract Document	Sign Off	H	Class 2 RCRRJ pipe, pipe to be inspected upon delivery and have no damage or deformities	Prior to commencement/upon delivery of materials	Visual	Sign this ITP	Site Foreman Engineer's Representative			
2	PLATEAU TEST ON MATERIALS	Contract Document	Aggregate Certification	H	Plateau test for aggregates to be done at beginning of job. This only needs to be done once to find compaction ideals.	Prior to compaction	Visual	Sign this ITP	Site Foreman			
3	BEDDING MATERIAL	AS/NZS 2566.2	Aggregate Certification	M	Clean granular non-cohesive material with a maximum particle size of 20mm	Continuous for pipe length	Visual	Sign this ITP	Site Foreman			
4	OPEN TRENCHING ALIGNMENT, DEPTH AND ACCURACY	Contract Document	Witness & Record	M	Undertake scalas on base of trench. Minimum of 3 blows per 100mm (to be clarified in spec). Pipe installed within +/- 10mm accuracy from design datum. Installed as per design grade and recorded on pipe laying form. Daily checks to make sure pipe is laid to design.	Prior to commencement and every two lengths	Review	Sign this ITP	Site Foreman			
5	BACKFILLING AND COMPACTION ROADWAY	Contract Document	Sign off	M	Trench backfill to be carried out with imported AP65 gravel in 250mm lifts. The subbase material shall achieve an average of 95% of the MDD. Plateau test to be undertaken on AP65 and M4AP40. All backfilled material shall be compaction tested at a maximum of 20m intervals longitudinally and 1m vertically with an NDM. All basecourse material shall be M4AP40.	During Installation	NDM	Sign This ITP	Site Foreman			
6	CCTV	Contract Document	CCTV Footage	H	Clear new pipeline of any debris prior to CCTV. CCTV inspection of gravity to be as per the New Zealand Pipe Inspection manual.	Once pipeline is installed	CCTV	Sign this ITP	Site Foreman			