

INSPECTION & TEST PLAN								
		Contract Name:				KEY	Date	Approved
						Perform (P)		
						Review (R)		
						Witness (W)		
						Hold (H)		
ITP 5 - SP204 TO SP533 (MANHOLES AND PIPELINE - THRUSTED)		7050 - DONALD ROAD CATCHMENT - WASTEWATER PIPELINE						
TASK	SPECIFICATION REFERENCE	ACTIVITY/TASK	INSPECTION BY	TASK TIMING OR TASK FREQUENCY	ACCEPTANCE CRITERIA	UCCL	FNDC	COMMENTS
<b>MANHOLE/PIPELINE INSTALLATION (THRUSTED)</b>								
Manhole Excavation and Bedding	FNDC Engineering Standards 2023, Sheet 39	Visual check of excavation. Subgrade meets specification. Hardfill layer constructed as per project drawings.	UCCL		Subgrade meets minimum CBR of 5 (1.5 blows/50mm). Minimum 150mm layer of GAP65, minimum CIV of 25.	H	H	
Materials Quality	FNDC Approved Material List	Visual check for approved materials, quality and condition.	UCCL	On arrival to site, prior to using materials.	Delivery dockets, photos.	W	R	
Manhole Installation	FNDC Engineering Standards 2023, Sheet 39	Manhole installed in correct position and to correct level as per Project Drawings and FNDC EES.	UCCL	On completion of installation of each manhole.	Completed manhole installation checklist, photos.	P	W	
PE Butt Welding	FNDC Engineering Standards 2023, Page 237, Clause 5.3.5.3	Butt welds completed successfully. Visual check.	UCCL	On completion of each butt weld.	UCCL butt welding checklist completed. Data log for welds recorded.	P	R	
PE Electrofusion Welding	FNDC Engineering Standards 2023, Page 237, Clause 5.3.5.3	EF welds completed successfully. Visual check.	UCCL	On completion of each EF weld.	UCCL EF weld checklist completed. Data log for welds recorded.	P	R	
PE Thrusted Pipeline Installation		Pipeline installed to correct invert levels and grade.	UCCL	On completion of each length of pipe installed (i.e. manhole-to-manhole).	As-builts drawings. Photos.	P	W	
Testing of Manholes and Pipelines	Donald Road Catchment - Wastewater Pipeline Specification, page 19.	Engineer's Representative to witness testing of manholes and pipelines.	FNDC	During testing of manholes and pipelines.	Acceptance by Engineer's Representative. Testing checklists.	H	H	
Sewer Connections (Household)	FNDC Engineering Standards 2023, Sheet 37	Visual check of connection.	UCCL	On completion of each connection.	As-built drawings. Photos.	P	W	
Sewer Connection (to Existing Wastewater System)	Donald Road Catchment - Wastewater Pipeline Specification, page 19.	Inspection prior to connection into existing wastewater system.	FNDC	On completion of installation, prior to connecting to existing wastewater system.	Acceptance by Engineer's Representative.	H	H	