

INSPECTION & TEST PLAN								
		Contract Name:				KEY	Date	Approved
						Perform (P)		
						Review (R)		
						Witness (W)		
						Hold (H)		
ITP 6 - TANK AND WET WELL INSTALLATION		7050 - DONALD ROAD CATCHMENT - WASTEWATER PIPELINE						
TASK	SPECIFICATION REFERENCE	ACTIVITY/TASK	INSPECTION BY	TASK TIMING OR TASK FREQUENCY	ACCEPTANCE CRITERIA	UCCL	FNDC	COMMENTS
WASTEWATER TANK								
Aggregate	As per Tank Design.	Aggregate certificates to comply with tank design.	UCCL	Prior to using as hardfill/backfill.	Approval by tank designer. Acceptance by Engineer's Representative. Material certificates.	H	H	
Excavation to Top of Sheetpiles		Visual check of excavation, levels, position.	UCCL	On completion of excavation.	Photos.	P	W	
Sheetpile Installation		Sheetpiles installed as per temporary works design. As-built taken of sheet-piles to use for periodic checks throughout construction.	UCCL	On completion of sheet piling, prior to excavation.	Photos.	P	W	
Excavation and Subgrade inside Sheetpiles	Donald Road Catchment - Wastewater Pipeline Specification, page 18	Visual check of excavation, levels, position. Subgrade meets specification. Engineer to confirm grounding conditions and wastewater control.	FNDC	On completion of excavation, prior to placing hardfill.	Acceptance by Engineer's Representative.	H	H	
Hardfill Layer	As per Tank Design.	Visual check of hardfill layer. Hardfill layer meets specification.	UCCL		Confirmation from tank design Engineer. Photos.	P	W	
Deadman Beams	As per Tank Design.	Deadman beams placed as per specification.	UCCL	On completion of installation of deadman beams, prior to backfilling.	As-built drawings. Photos.	P	W	
Tank Installation	As per Tank Design.	Tank installed as per specification.	UCCL	On completion of installation of tank, prior to backfilling.	As-built drawings. Photos.	P	W	
Tank Backfill	As per Tank Design.	Tank backfill as per specification.	UCCL	On completion of backfill.	Record of 'Vertical Diameter Measurements'. Photos.	P	W	
WET WELL INSTALLATION								
Pumps and Mechanical Equipment	Donald Road Catchment - Wastewater Pipeline Specification, page 19.	Engineer to approve specification prior to contractor placing supplier order.	FNDC	Prior to ordering pumps and mechanical equipment.	Acceptance by Engineer's Representative. Specifications for pumps and mechanical equipment.	R	R	
Excavation and Subgrade inside Sheetpiles	Donald Road Catchment - Wastewater Pipeline Specification, page 18	Visual check of excavation, levels, position. Subgrade meets specification. Engineer to confirm grounding conditions and wastewater control.	FNDC	On completion of excavation, prior to placing hardfill.	Acceptance by Engineer's Representative.	H	H	
Pumps and Mechanical Equipment	Donald Road Catchment - Wastewater Pipeline Specification, page 19.	Engineer to review certification and inspect installation.	FNDC	On completion of installation of pumps and mechanical equipment.	Acceptance by Engineer's Representative.	H	H	
Hydrostatic Testing	Donald Road Catchment - Wastewater Pipeline Specification, page 19	Testing done by manufacturer/supplier. Certificate to be provided with tank.	FNDC	On acceptance of tank on site.	Acceptance by Engineer's Representative. Supplier documentation.	H	H	

Testing of Pumps	Donald Road Catchment - Wastewater Pipeline Specification, page 19	Witness draw-down testing of pumps.	FNDC	During commissioning of pumps.	Acceptance by Engineer's Representative. Commissioning checklist.	H	H	
Electrical and SCADA	Donald Road Catchment - Wastewater Pipeline Specification, page 19	Review switchboard test certification and inspect the installation.	FNDC	On completion of installation of the wet well.	Acceptance by Engineer's Representative.	H	H	