

INSPECTION & TEST PLAN

WORK AREA:	CONTRACT NAME:	DESCRIPTION OF ACTIVITY:	Rev	Originator	Date	Approved	Date
Rawhiti St Morningside	Morningside Flood Mitigation Pump Station	SP1 Construction Works	0	Casey Aubrey	22/01/2025	Grant Little	13/02/2025
ITP No: 01							

Item No.	ITEM	ACTIVITY TASK	ACCEPTANCE CRITERIA	FREQUENCY	Hold Point	CERTIFYING DOCUMENTATION, RECORD OR CHECKSHEET	VERIFICATION SIGN OFFS	
							INTERNAL VERIFICATION AUTHORITY OR RESPONSIBILITY <i>*Project Manager*</i>	CRITICAL HOLD POINT AUTHORITY
1.	Earthworks (Confluence upstream of Pump Station)	Stripped Surface	Visual Inspection	At the completion of surface stripping prior to further construction	W	N/A		Not Required
2.		Install Bunds	Visual Inspection	At the completion of bund construction	W	As per approved EMP		Not Required
3.		Install Silt Control	Visual Inspection	At the completion of silt control install	W	As per approved EMP		Not Required
4.	Downstream Stilling Station	Stripped Surface	Visual Inspection	At the completion of surface stripping prior to further construction	W	N/A		Not Required
5.		Supply and place Geotextile and Reno Mattress	Visual Inspection	At the completion of placement of Geotextile and Reno Mattress	W	As per approved EMP		Not Required
6.	Pump Station	Stripped Surface	Visual Inspection	At the completion of surface stripping prior to further construction	W	N/A		Not Required
7.		Hardfill against Walls	95% compaction required	Each layer, Max layer thickness 200mm	H	Test Certificates required		Not Required

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8.		Outlet and Discharge	As per IFC drawings or Engineers instruction	Prior to construction	H	Check against IFC drawings specification		Not Required
9.	Pile driving	Delivery inspection of piles	10M 300 SED H5	Prior to pile driving	H	Check pile tags		Not Required
	Pile driving	Driving of timber piles	As per IFC drawings	Prior to backfill	H	Piles driven to 10M depth top of pile RL -2800		Not Required
		Piling card	As per IFC drawings	Prior to Backfill	H	Subcontractor QA		Not Required
	Excavation	Excavate to RL - 1.2	Surveyed as built	Upon completion of Excavation	H	Survey data		Not Required
	Installation of retaining wall plates	Install plates	22mm Steel plates	During construction	H	Visual Inspection		Not Required
	Excavation	Excavate to RL - 2.8	Surveyed as built	Upon completion of Excavation	H	Survey data		Not Required

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INSPECTION & TEST PLAN (ITP)

The ITP defines the required inspections during various stages of fabrication, construction and installation work. It is also a method of communicating these requirements to those doing the work and a verifying record that they have been carried out.

The ITP defines 2 different levels of inspection according to the following criteria:

- **Internal Verification:** This inspection or verification activity is required internally by United Civil. A Designated Internal Authority- Project Manager, Supervisor, Foreman or other authorised person is determined for the given inspection point or verification activity. Where a signature required verification is notified by signing the designated check sheet.
- **Critical Hold Points:** These are ONLY inspections required by the contract. It requires the Foreman/ Supervisor or Subcontractors Representative to notify the United Civil Project Manager that the hold point stage of inspection has been reached. Fabrication shall not proceed past this point unless the inspection has been carried out or approval to proceed is given in writing & signed by the Engineer's Representative.

The Engineer's Representative shall sign the Check sheet.

A Contract Hold Point is a contractual requirement. Where the Engineer's Rep has not signed or for whatever reason cannot sign the Hold Point off the Project Manager must signify verification by the Engineer by other means such email sign off or other formal correspondence and note as such on the ITP.