

Inspection and Test Plan (ITP) 002: FP – Foundation Preparation

Brindley Park House Dam

RSA Contractors Pty Ltd

Lot Description: _____

Commencement Date: _____

Abbreviations

Third Party	TP	RSA Contractors	RSA	Nominated Project Personnel	NPP	Principle Contractor	PC
Surveyor	SUR	RPEQ	RPEQ	Supervisor	SUP	Inspect	INS
Test	TST	Project Engineer	PE	Witness Point	WP	Hold Point	HP
Visual	VIS	Check	CHK	Written	WRI	Monitor	M
Milestone	MST	Review	R				

Inspection and Test Plan Details							Contractor			Client		
Item	Inspection Activity	Work By	Standard / Spec	Criteria	Frequency	Record	Resp	Type	Signoff	Resp	Type	Signoff
01	Site Clearing	Contractor	Technical Specification	All vegetation, roots, topsoil removed	1/Lot	ITP Verification	RSA	CHK		ACC	CHK	
02	Foundation Stripping	Contractor	Technical Specification	Strip to firm, undisturbed soil (no organics)	1/project	ITP Verification Checklist/Lot Map	RSA	CHK		ACC	CHK	
03	Soft Spot Removal	Contractor	Technical Specification	Soft areas removed and backfilled with clay	1/Lot	ITP Verification Checklist/Lot Map	RSA	VIS		ACC	VIS	
04	Cutoff Trench Excavation	Contractor	Technical Specification	Depth to clay/impervious layer achieved Excavate down to clay or impervious layer (depth: 1–3 m typical).	1/Lot	ITP Verification Checklist/Lot Map	RSA	WP		ACC	WP	
05	Cutoff Backfill Placement	Contractor	Technical Specification	Clay placed in 150–200 mm layers, OMC $\pm 2\%$	1/Lot	ITP Verification Checklist/Lot Map	RSA	WP		ACC	WP	
06	Compaction Testing	Contractor	Technical Specification	The foundation surface level shall be scarified, watered and compacted to a density ratio of no less than 96%	1/Lot	Testing	RSA	WP		ACC	WP	
07	Proof Rolling	Contractor	Technical Specification	Prior to the placemat of construction materials, the subgrade shall be rolled using a smooth drum roller to form a hard-smooth surface and approved by the superintendent	1/2500m2	NATA certificate	RSA	HP		ACC	HP	
08	Foundation Approval	Contractor	Technical Specification	Engineer sign-off prior to embankment fill	1/Lot	Survey as Built	RSA	HP		ACC	HP	

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Test Details			Normal Testing Level			Required Result(s)
Item	Test	Description	Max Lot Size	Min Test Frequency	Min No of tests	Criteria
01	AS 1289 5.1.1	Hilf Dry density ratio, Moisture Content				-2% dry to +2% wet OMC DDR 96%

Contractor Construction Manager:			
	(Print Name)	(Signature)	(Date)
Client Superintendent:			
	(Print Name)	(Signature)	(Date)

Document Status

Revision Status	Responsible Person	Signed	Dated	Revision
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Reviewed By:

Submitted By:

Approved By: