

# Inspection and Test Plan (ITP) 004: Capping Layer

Senex Tethys Brine Tank 2

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	<b>Lot Identification</b>	Contractor	Technical Specification	Location of Works identified in accordance with project technical specification	1/Lot	ITP Verification Checklist/Lot Map	RSA	CHK		Senex	CHK	
02	<b>Material Approval</b>	Contractor	Technical Specification	Material shall meet the requirements under Queensland Department of Main Roads Technical Specification MRTS05 Type 2.5.	3 tests prior to import	Laboratory test Certificate	RSA	CHK		Senex	CHK	
03	<b>Subgrade Testing</b>	Contractor	Technical Specification	Subgrade shall be tested for material characteristics, moisture, and compaction. >96% SDDR -2% dry to +2% wet OMC	1/2500m3	Laboratory test Certificate	RSA	HP		Senex	HP	
04	<b>Proof Rolling Subgrade acceptance</b>	Contractor	Technical Specification	Subgrade shall be Proof Rolled in accordance with Queensland Department of Main Roads Technical Specification (MRTS) 04 General Earthworks Section 18.3.2 or similar method as approved by the Superintendent while in the presence of the Client. Areas of subgrade identified by the superintendent as unsuitable material shall be excavated and replaced with material conforming to the requirements of the overlying fill zone	1/Lot	ITP Verification Checklist/Lot Map	RSA	WP		Senex	WP	
05	<b>Placement of material</b>	Contractor	Technical Specification	Access track and ring road capped with 200 mm depth gravel. Placed in continuous, approximately horizontal layers having a minimum compacted thickness of 150 mm and not more than 300 mm.	1/Lot	ITP Verification Checklist/Lot Map	RSA	CHK		Senex	CHK	

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Item	Inspection Activity	Work By	Standard / Spec	Criteria	Frequency	Record	Resp	Type	Signoff	Resp	Type	Signoff
06	Material Testing	Contractor	Technical Specification	Capping Material shall be tested for material characteristics, moisture, and compaction. >100% SDDR -2% dry to +2% wet OMC	1/500m3	Laboratory test Certificate	RSA	HP		Senex	HP	
07	As built Survey	Contractor	Technical Specification	Finished levels checked for Vertical and horizontal tolerances as required. Refer to section 3.4 SPE	1/Lot	Survey as Built	RSA	HP		Senex	HP	

Test Details			Normal Testing Level			Required Result(s)
Item	Test	Description	Max Lot Size	Min Test Frequency	Min No of tests	Criteria
01	AS 1289.2.1.1, AS 1289 5.1.1, AS1289.5.4.1, AS1289.5.8.1	Standard Dry density ratio, Moisture Content	981 m3	1/ 500 m3	2	-2% dry to +2% wet OMC SDDR 100%
02	AS 1289.3.6.1, AS1289.3.3.1, AS1289.3.2.2	PSD and Atterberg limits	981 m3	1/ 500 m3	2	Table 8 Technical Specification
03	AS 1289.6.1.1	4 days soaked CBR value	981 m3	1/ 500 m3	2	>=15

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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Draft By: Madhu Achana

Reviewed By:

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Submitted By:

Approved By: