



# INSPECTION AND TEST PLAN (ITP)

ITP No: CC515-ITP-18a

## SPWB Ventilation System

### Pre Construction Works

Complex Co Quality System: ISO 9001:2015	SPWB Ventilation System	Revision 1	Date: 6/08/2024
Project: West Belconnen Landfill	Contract No: PISL0002527	Principal: Suburban Land Agency	Superintendent: EGIS
Prepared by: Lloyd Lucas	Reviewed by:		

Reference Standards		Drawing reference other than Project Designs
Document Name	Document No	
Transport Canberra and City Services (TCCS)	MIT Standard Specifications – 02A	
Detailed Design and Construction Quality Assurance Plan	R.007.IFC-V0	Douglas Partners IFC

Verification Key	Inspection Codes	
<ul style="list-style-type: none"><li>- <b>HOLD POINT (H)</b>: Nominated point beyond which work shall not proceed without verified acceptance by nominee.</li><li>- <b>WITNESS POINT (W)</b>: Points at which the nominee shall be notified and invited to witness an activity, but further work may proceed without the presence of the nominee.</li><li>- <b>REVIEW (R)</b>: Verify by examination of documentary evidence that inspection / tests have been satisfactorily conducted.</li><li>- <b>SURVEILLANCE (S)</b>: Continuing evaluation of the status of methods, analysis of records and monitoring of activities on a random basis to ensure quality requirements will be met.</li><li>- <b>VISUAL (V)</b>: 100% Visual Inspection of work / item to ensure compliance with code / specification.</li><li>- <b>DIMENSIONAL (D)</b>: Measurement of critical dimensions to ensure work / item is within tolerance.</li></ul>	Project Manager	PM
	Project Engineer	PE
	Site Manager	SM
	Site Supervisor	SS
	Superintendent	SI
	Surveillance Officer	SO
	Authority Representative	AR



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Primary	Section Title	Type	Applicable Standard / Specification / Reference	Clause Title	Requirement	Notice for Inspection	Lot Sizes & Test Frequency	Release by	Request Date of Inspection	Authorised Person for Approval	Approval Status
	<b>SPWB Ventilation System</b>										
<b>Pre-construction</b>	SPWB Ventilation System										
01	SPWB Ventilation System	Document Submission	Douglas Partners CQA Docs Table 4	TransGrid approvals	Provide copy of approval to Principal	Prior to work commencement	Contract	Complex Co			
02	SPWB Ventilation System	Surveillance	Douglas Partners CQA Docs Table 4	Clearing of vegetation along alignment	Provide copy of clearing approval to Principal		Contract	Complex Co			
03	SPWB Ventilation System	Survey	Douglas Partners CQA Docs Table 4	Survey of lateral extents of alignment	Provide copy of survey report to Principal/Environmental Engineer prior to commencement of trench excavation works.		Contract	Complex Co			
-	SPWB Ventilation System	HP	MITS Specification Clause 1.2.9.1 OA.3	Utilities and Authorities – Existing services	Before starting earthworks, locate and mark existing underground services in the areas which will be affected by the works including clearing, excavating and trenching.	1 working day before new work	Site	Authorised Person			
-	SPWB Ventilation System	Document Submission	Douglas Partners CQA Docs	Trench excavation woks	Provide trench excavation procedure to Environmental Engineer and LUA for review and approval prior to commencement. Provide copy of trench dimensions/ base survey to Environmental Engineer. Contractor and Environmental Engineer notes.	Prior to work commencement	Contract	Enviromental Engineer			
-	SPWB Ventilation System	Document Submission	Douglas Partners CQA Docs	Drilling and Installation procedure	Provide bore drilling/vertical pipe installation procedure to Environmental Engineer and LUA for review and approval prior to commencement.	Prior to work commencement	Contract	Enviromental Engineer			
-	SPWB Ventilation System	Document Submission	Douglas Partners CQA Docs	Pipe Connection Procedure	Provide pipe connection procedure to Environmental Engineer and LUA for review and approval prior to commencement.	Prior to work commencement	Contract	Enviromental Engineer			
-	SPWB Ventilation System	Document Submission	Douglas Partners CQA Docs	Backfilling Procedure	Provide backfilling procedure to Environmental Engineer and LUA for review and approval prior to commencement.	Prior to work commencement	Contract	Enviromental Engineer			



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-	SPWB Ventilation System	Document Submission	Douglas Partners CQA Docs Section C3.6.1.	Geotextile Installation Manual	Installation Quality Assurance Manual to be provided by contractor to Environmental Engineer and LUA for review and approval prior to commencement of any	Prior to work commencement	Contract	Environmental Engineer			
-	SPWB Ventilation System	Document Submission	Douglas Partners CQA Docs per Sections C3.6.2 and C3.6.3.	Capping Material	Provide capping material placement procedure to Environmental Engineer and LUA for review and approval prior to commencement.	Prior to work commencement	Contract	Environmental Engineer			
Materials	SPWB Ventilation System										
04	SPWB Ventilation System	HP Document Submission Product Conformance	Douglas Partners CQA Docs C3.3 and C3.5.	Prior to importation of gravel for vertical bores and/or trench backfill	Review manufacturer specifications are in accordance with Sections C3.3 and C3.5. Independent testing of each material as per Sections C3.3 and C3.5.  Manufacturer's data specification sheets. Independent conformance test results at frequencies specified in C3.3 and C3.5.		Contract / Material Changed 2 per 5000m3 of material.	Environmental Engineer			
05	SPWB Ventilation System	HP Document Submission Product Conformance	Douglas Partners CQA Docs Section C3.4	Prior to delivery of perforated and blank HDPE pipes, joints/elbows/connectors, vertical riser and rotating cowl	Manufacturer's data specification sheets. Independent conformance test results at frequencies specified in C3.4. Prior to importation, review manufacturer specifications are in accordance with Section C3.4. Independent testing of each material as per Section C3.4.		Contract	Environmental Engineer			
06	SPWB Ventilation System	Document Submission Product Conformance	Douglas Partners CQA Docs Section C3.6.1.	Prior to delivery of Separation Geotextile	Review manufacturer specifications are in accordance with Section C3.6.1. Independent testing of each material as per Section C3.6.1.		Contract	Environmental Engineer			



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07	SPWB Ventilation System	Visual Inspection	Douglas Partners CQA Docs	Material Delivery, Storage and Handling	Visual inspections during delivery, storage and handling Managed in a manner to avoid damage/deterioration of material. Confirmation of as delivered material properties (each material). Delivery dockets. Contractor and Environmental Engineer notes and observations.	Give Notice of recieved Material	For all Materials and Products recieved	Enviromental Engineer			