

SECTION 1 – GENERAL DETAILS							
Project Name:	DCC11014 Water Pump Station Renewals - SILVERSTREAM			Inspection Key <i>Use in sections 3, 4 and 5.</i>	Responsibilities <i>Use in sections 3, 4 and 5.</i>		
Project Number:	561482			<b>A</b> Action	<b>Role Key</b>	<b>Name</b>	<b>Signature/ Initial</b>
Customer:	Dunedin City Council			<b>B</b> Report by Breach	<b>CM</b> Construction Manager	Stephen Vorgers	
Contract Number:	DCC11014-WPS002			<b>C</b> Check	<b>CR</b> Cust. Representative	Joff Riley / Mark Todd	
Area/ Sub-System:	Grout Pour - SILVERSTREAM	Lot ID Number:	N/A	<b>D</b> Dimension Inspection	<b>IP</b> Inspection Personnel	Jason Bell	
				<b>E</b> Examine	<b>MC</b> Material Controller		
ITP Number:	561482-ITP007.1	Version:	V1	<b>H</b> Hold Point	<b>OP</b> Operations Manager		
ITP Description:	Wet Well Wall grout pour Penetration 1 - Inspection Test Plan			<b>I</b> Inspection	<b>PM</b> Project Manager	Matt Paterson	
Discipline:	Wet Well Wall grout pour			<b>M</b> Monitor on Random Basis	<b>PS</b> Project Supervisor		
Specification:	C11014 Water Pump Station Renewals Specification 12581908			<b>O</b> Operation	<b>QE</b> Quality Engineer		
				<b>R</b> Review	<b>QM</b> QA Manager		
Drawings:	Construction Issue Drawings as issued by GHD - Silverstream Pump Station Project Ref: 12581908-GHD-PS-SS-DRG-GN Drawings: G0001, M0001 through M0004 & P0001			<b>S</b> Subcontractor	<b>SP</b> Supervisor	Bruce Allan	
				<b>V</b> Visual Verification	<b>ST</b> Superintendent		
Prepared By: <i>(Name)</i>	Matt Paterson	Date:	16-12-24	<b>W</b> Witness Point	<b>SV</b> Surveyor		
Quality Specified:	None - As per Specification				<b>WS</b> Welding Supervisor		
SECTION 2 – SIGNATURES – CLOSE-OUT & APPROVAL							
ITP Close-Out by Downer	Name:	Matt Paterson/Jason Bell		Signature:		Date:	
Downer Approval	Name:	Matt Paterson/Stephen Vorgers		Signature:		Date:	
Customer Approval	Name:	Joff Riley / Mark Todd		Signature:		Date:	

**SECTION 3 – RECEIVING INSPECTIONS** *Insert additional or delete unused rows as required. Include reference to specification.*

Item No.	Activity/ Task Description	Inspection Point: Quality Control Activity	Acceptance Criteria	Verifying Document	Frequency	Inspection Type ( <i>Visual, other</i> )	Inspection	
							Key	By ( <i>Role Key</i> )
3.1	Grout - SIKA MonoTop-438R	Calculate Quantity	Correct volume to be calculated	Product Datasheet	Once	Written	R	CR
3.2	Installed Reinforcing	Measure and check	Matches Design Drawings	Drawing M0003	Once	Visual + Photographs	V	IP
3.3	Spool/Puddle Flange	Measure and check	Pipework is straight and parrallel to structure & pump	As per drawing M0001 & M0002	Once	Visual + Photographs	V	IP

SECTION 4 – IN-PROCESS INSPECTIONS <i>Insert additional or delete unused rows as required. Include reference to specification.</i>								
Item No.	Activity/ Task Description	Inspection Point: Quality Control Activity	Acceptance Criteria	Verifying Document	Frequency	Inspection Type <i>(Visual, other)</i>	Inspection	
							Key	By <i>(Role Key)</i>
4.1	Boxing of penetration	Measure & Check. Ensure perimeter of boxing and pipe penetration is sealed to stop grout spill.	Matches Design Drawings by dimension and configuration	Drawing M0003	Once	Visual + Inspection HOLD POINT	H	CR
4.2	Mixing of Grout	Ensure product is on hand & plenty of clean fresh water is readily available	As per manufacturers instructions/guidelines	Product technical instruction sheets or certificate (if delivered)	once	Document	I	IP
4.3	Casting of wall penetration	Monitor the consistency and quality of the grout fill	As per manufacturers instructions/guidelines	Product technical instructions	once	Document + Visual	I	IP
4.4	Vibrate	Vibrate to remove entrained air. Ensure all air is removed	Grout Placer Approval	This ITP	once	Visual + Photographs + Short video	I	IP
4.5	Monitor curing process	Monitor curing inspection the boxing and areas of potential grout leakage.	No evident shrinkage or deformation. Report any issues to Engineer	As per drawings allowing 7 days curing time. Boxing can be removed after 72 hours	once	Visual	I	IP

**SECTION 5 – FINAL INSPECTION AND HANDOVER** *Insert additional or delete unused rows as required. Include reference to specification.*

Item No.	Activity/ Task Description	Inspection Point: Quality Control Activity	Acceptance Criteria	Verifying Document	Frequency	Inspection Type <i>(Visual, other)</i>	Inspection	
							Key	By <i>(Role Key)</i>
5.1	Remove boxing	At completion of all items on this ITP	Time period as indicated on programme	This ITP	once	Visual + Photograph	I	IP

**SECTION 6 – COMMENTS**

	Customer Release Granted:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Date:	
	Certificate Number:				