

**Document No:** A585823

**Report To:** Council



**Meeting Date:** 30 November 2021

**Subject:** **Progress Report: Three Waters Reform Project Delivery 30 September 2021 and Reform Update**

**Type:** Information Only

## Purpose of Report

- 1.1 The purpose of this business paper is to provide an updated progress report on Three Waters Reform (TWR) Project Delivery for the period ended 30 September 2021.
- 1.2 This paper will also provide brief update on the Reform.

## Background

- 2.1 WDC has received \$3.5M of Central Government funding for Water and Wastewater projects, to be expended by 30 June 2022. The Funding Agreement attaching to that requires, inter alia, a rigorous reporting regime, with the first quarterly report submitted on 2 February 2021, the second on 16 April 2021, and the third on 14 July 2021, fourth on 14 October 2021.
- 2.2 The period covered by this fourth quarterly report is 1 November 2020 to 30 September 2021 for actuals on approved TWR projects, and 1 July 2020 to 30 September 2021 for LTP spend (2020/21 – 2021/22 Annual Plans). The report also covers project forecasts out to 30 June 2022.
- 2.3 Cabinet has announced that the Three Waters Reform will be compulsory for all councils. There will be four water entities as was proposed by central government. A steering committee has been setup to work through the feedback from Councils provided after the 8-week consideration. WDC did not submit any feedback post the 8-week consideration. A summary report of the feedback from Councils is available on the Department of Internal Affairs (DIA) website. The water entities take over service delivery on 1 July 2024.

## Commentary

- 3.1 A copy of the detailed September 2021 quarterly progress report, in the format required by DIA, is attached to and forms part of this business paper.
- 3.2 Projects are reported separately for Water and Wastewater (required by DIA) even though they may be run as one project in practice e.g., P2020-13 and P2020-019 -Back-up Generators.
- 3.3 The report template comprises three sections – Inputs, Commentary and LTP Information.
- 3.4 Payment request**
- 3.5 A request for the next payment instalment was made with the quarterly report. Based on the forecasting DIA agreed to submit a request for \$600,000 which is below the 25% instalment of \$875,000. Crown Infrastructure Partners (CIP) have approved this request and the payment can now be processed. Due to the delays experienced with lockdown restrictions and shipping delays expenditure has been less than forecast, this instalment will cover forecasted expenditure with contingency.
- 3.6 Progress against budgets and programme timetable**
- 3.7 The total expenditure to 30 September 2021 is \$1,091,942 against the \$3,500,000 total approved budget.

- 3.8 The forecast spend over the next two quarters is \$2,065,000, however extended lockdown restrictions since reporting on 14 October 2021 push more of the spend into the April – June quarter.
- 3.9 All of the projects currently remain open so budgets can still be reallocated to where spending can be achieved.
- 3.10 There have been some issues that have delayed expenditure. The most significant are delays in completion of Mokau Water Treatment Plant upgrade due to contractors being based in Auckland and difficulty sourcing equipment. Delay in approval to increase budget for the back-up generators resulted in delay in placing the order. Manufacturing and shipping times have pushed installation to February next year.

### **3.11 Substitution requests**

- 3.12 A substitution request was submitted with the quarterly report to reallocate funding within the projects.
- 3.13 Increased budget requested
- 3.14 Mokau WTP design and installation, an increase of \$65,000 requested. This project was still in the design phase due to the nature of the installation requiring design to be completed with equipment onsite there have been additional unbudgeted costs relating to work required to make the site safe and increased material and installation costs. A peer review of the design was undertaken to ensure compliance would be achieved.
- 3.15 Additional Monitoring for WTP, an increase of \$100,000 requested. To achieve resilience and meet compliance additional equipment has been identified over and above the initial budget.
- 3.16 Back-up generators, an increase of \$90,000 requested. Due to a delay in ordering the generators resulted in increased prices and installation costs due to high demand, shipping constraints and material cost increases.
- 3.17 Reduced budget requested
- 3.18 Sludge removal (Te Kuiti WWTP), reduction of \$65,000 requested. Due to the physical works not starting until July 2021 the contract cost till end of June is \$85,000. There is no capacity to increase output from the equipment. The budget will be allocated to Mokau WTP design and installation.
- 3.19 Sludge lifting equipment and alterations, reduction of \$32,000 requested. Due to being able to purchase an 'off the shelf' piece of equipment and limited alterations being required the budget intended to cover fabrication and extensive alterations is not required. Budget will be allocated to Back-up generators.
- 3.20 Additional Monitoring WWTP, reduction of \$32,000 requested. The additional monitoring requirements are not essential to meet compliance, priority given to WTP equipment. Budget to be allocated to WTP Additional Monitoring.
- 3.21 Pump Station renewals WWTP, reduction of \$58,000 requested. Two priority sites will be completed, other pump station renewals non-essential and can be included in later LTP renewals programme, priority given to Back-up generators. Budget allocated to Back-up generators.
- 3.22 DIA have confirmed CIP have approved this request.

### **3.23 Update on Reform**

- 3.24 Cabinet announced that the Three Waters Reform is now compulsory for all Councils. The transition date will be 1 July 2024. WDC will continue to deliver the 3 waters services until this date.
- 3.25 Local Government Minister Nanaia Mahuta has announced a new working group made up of local government and iwi representatives to recommend strengthened governance and accountability arrangements for the Three Waters Reform Programme.

### **3.26 Transition**

- 3.27 As part of the Three Waters reform programme, the Government has established a National Transition Unit to implement and oversee the transition of water services delivery from 67 councils to four new water services entities by 1 July 2024.
- 3.28 DIA funding will be available for transitional costs including staff involvement in working with the establishment entities and transition unit, and provision for reasonable legal, accounting and audit costs.

## **Suggested Resolution**

The business paper on Progress Report for the period ended 30 September 2021 be received.

A handwritten signature in blue ink, appearing to read 'G Boyle', is positioned above the name and title of the signatory.

GREG BOYLE

**ACTING GENERAL MANAGER – INFRASTRUCTURE SERVICES**

Attachment: WKT-09 Waitomo 14 October Q4 Report (A580538)

Three Waters Stimulus Funding - Cash Flow Profile

Territorial Summary/Inputs

Territorial Authority	Waitomo District Council
Territorial Code	WKT-09
Reporting date	Oct-21
Reporting period	Quarter 4
Total funding allocated	3.50
Total cofunding	-
Total estimated programme costs	3.50
Upfront payment	1.75
Total final payments	0.04
Milestone payment total	1.71

KEY

Primary/forecast inputs  
Actuals inputs

Master checks

Master check	<b>Warning</b>	
Spend = Cost	0.03	Funding exceeds spend
Cofunding check	-	Ok
Upfront funding	(0.01)	Too much upfront allocated
Final payments	0.01	Not all final allocated
Total Crown funding	(0.03)	Too much project funding
Capex/Opex	(0.01)	Not all capex/opex/other allocated
Cash position	2.00	One or more projects have a negative cash position

Territorial contact

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Project Inputs

	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Total	
	Actual	Forecast																				

<b>1 Project Name</b>	TWR Security of supply P2020-001																				
<b>Project Type</b>	WATER - Water security / fencing																				

Start date	Dec-20	Capex	0.08
End date	Dec-21	Opex	
Total upfront payment	0.04	N/A	
Total final payment	0.00	Check	Ok
Total project spend	0.07		
Total project funding	0.08		
Check	0.01		

<b>Project Spend</b>																						
Spend from Crown funding	\$NZ'm					0.007360	-	0.013887	0.015927	-	0.016472	-	0.010000	0.00								0.065146
Spend from cofunding	\$NZ'm																					-
<b>Total project spend</b>	\$NZ'm					0.01		0.01	0.02		0.02		0.01	0.00								0.07

<b>Project Funding</b>	\$NZ'm																					
Upfront payment portion	\$NZ'm	0.04																				0.04
Crown funding required	\$NZ'm		0.02			0.02																0.04
Cofunding required	\$NZ'm																					-
Final payment portion	\$NZ'm																					-
<b>Total project funding</b>	\$NZ'm	0.04	0.02			0.02																0.08

<b>Cash position</b>	\$NZ'm																					
Opening cash position	\$NZ'm	-	0.04	0.04	0.06	0.06	0.05	0.07	0.06	0.04	0.04	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Project spend	\$NZ'm	-	-	-	-	(0.01)	-	(0.01)	(0.02)	-	(0.02)	-	-	(0.01)	(0.00)	-	-	-	-	-	-	-
Project funding	\$NZ'm	0.04	-	0.02	-	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Closing cash position</b>	\$NZ'm	0.04	0.04	0.06	0.06	0.05	0.07	0.06	0.04	0.04	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	Ok

<b>Worker hours</b>	Hours					40.00	-	88.50	136.50		135.00			40.00	20.00							460.00
<b>Length (metres)</b>	# or %					250.00	-	300.00	450.00		750.00			80.00								1,830.00
<b>N/A</b>	# or %																					-
<b>N/A</b>	# or %																					-

<b>2 Project Name</b>	TWR Critical spares WTP P2020-002																				
<b>Project Type</b>	WATER - Water Treatment Plant upgrades																				

Start date	Mar-21	Capex	0.15
End date	Mar-22	Opex	
Total upfront payment	0.08	N/A	
Total final payment	0.00	Check	Ok
Total project spend	0.15		
Total project funding	0.15		
Check	-		

<b>Project Spend</b>																						
Spend from Crown funding	\$NZ'm									0.006849	0.057197			-				0.04			0.05	0.15
Spend from cofunding	\$NZ'm																					-
<b>Total project spend</b>	\$NZ'm									0.01	0.06							0.04			0.05	0.15

<b>Project Funding</b>	\$NZ'm																					
Upfront payment portion	\$NZ'm	0.08																				0.08
Crown funding required	\$NZ'm								0.04			0.04										0.07
Cofunding required	\$NZ'm																					-
Final payment portion	\$NZ'm																	0.00				0.00
<b>Total project funding</b>	\$NZ'm	0.08							0.04			0.04						0.00				0.15

<b>Cash position</b>	\$NZ'm																					
Opening cash position	\$NZ'm	-	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.12	0.11	0.05	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.06	0.06
Project spend	\$NZ'm	-	-	-	-	-	-	-	-	-	(0.01)	(0.06)	-	-	-	-	-	-	-	(0.04)	-	(0.05)
Project funding	\$NZ'm	0.08	-	-	-	-	-	-	-	0.04	-	-	0.04	-	-	-	-	-	-	0.00	-	-
<b>Closing cash position</b>	\$NZ'm	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.12	0.11	0.05	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.06	0.06	0.01

<b>Worker hours</b>	Hours																					
<b>Number of WTP upgrades #</b>	# or %																					-
<b>Physical works % complete</b>	# or %									0.10	0.50		0.30		0.30							1.20
<b>m3/day processing capacity</b>	# or %																					-

**Project Inputs**

Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Total	
Actual	Forecast																				

**3 Project Name** TWR Additional monitoring capacity P2020-003  
**Project Type** WATER - Water Treatment Plant upgrades

Start date	Mar-21	Capex	0.235
End date	Oct-21	Opex	
Total upfront payment	0.12	N/A	
Total final payment	0.00	Check	(0.01)
Total project spend	0.24		
Total project funding	0.24		
Check	-		

**Project Spend**

Spend from Crown funding	\$NZ'm									0.1246050		0.0150000	0.0500000	0.0454000							0.2350050
Spend from cofunding	\$NZ'm																				-
<b>Total project spend</b>	\$NZ'm									<b>0.12</b>		<b>0.02</b>	<b>0.05</b>	<b>0.05</b>							<b>0.24</b>

**Project Funding**

Upfront payment portion	\$NZ'm	0.11750																			0.12
Crown funding required	\$NZ'm							0.05875			0.06										0.12
Cofunding required	\$NZ'm																				-
Final payment portion	\$NZ'm																				-
<b>Total project funding</b>	\$NZ'm	<b>0.12</b>						<b>0.06</b>			<b>0.06</b>										<b>0.2350</b>

**Cash position**

Opening cash position	\$NZ'm																				
Project spend	\$NZ'm		0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.18	0.06	0.06	0.10	0.05							
Project funding	\$NZ'm	0.12							0.06	(0.12)		(0.02)	(0.05)	(0.05)							
<b>Closing cash position</b>	\$NZ'm	<b>0.12</b>	<b>0.18</b>	<b>0.06</b>	<b>0.06</b>	<b>0.10</b>	<b>0.05</b>								<b>Ok</b>						

**Worker hours**

Number of WTP upgrades #	Hours											120.00	160.00								280.00
Physical works % complete	# or %											2.00	4.00								6.00
m3/day processing capacity	# or %																				-

**4 Project Name** TWR SCADA storage to cloud P2020-004  
**Project Type** OTHER - SCADA upgrades or new

Start date	Feb-21	Capex	0.18
End date	Apr-22	Opex	
Total upfront payment	0.09	N/A	
Total final payment	0.00	Check	0.00
Total project spend	0.17		
Total project funding	0.17		
Check	-		

**Project Spend**

Spend from Crown funding	\$NZ'm							0.0086200		0.0359660						0.03500	0.09500				0.174586
Spend from cofunding	\$NZ'm																				-
<b>Total project spend</b>	\$NZ'm							<b>0.01</b>		<b>0.04</b>						<b>0.04</b>	<b>0.10</b>				<b>0.17</b>

**Project Funding**

Upfront payment portion	\$NZ'm	0.09																			0.087500
Crown funding required	\$NZ'm											0.04		0.04							0.085750
Cofunding required	\$NZ'm																				-
Final payment portion	\$NZ'm																				-
<b>Total project funding</b>	\$NZ'm	<b>0.09</b>										<b>0.04</b>		<b>0.04</b>							<b>0.17325</b>

**Cash position**

Opening cash position	\$NZ'm																				
Project spend	\$NZ'm		0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.04	0.04	0.08	0.08	0.08	0.12	0.12	0.09	(0.01)	(0.01)	
Project funding	\$NZ'm	0.09						(0.01)			(0.04)							(0.04)	(0.10)		
<b>Closing cash position</b>	\$NZ'm	<b>0.09</b>	<b>0.09</b>	<b>0.09</b>	<b>0.09</b>	<b>0.09</b>	<b>0.08</b>	<b>0.08</b>	<b>0.08</b>	<b>0.04</b>	<b>0.04</b>	<b>0.08</b>	<b>0.08</b>	<b>0.08</b>	<b>0.12</b>	<b>0.12</b>	<b>0.0900</b>	<b>(0.01)</b>	<b>(0.01)</b>	<b>(0.01)</b>	<b>Warning</b>

**Worker hours**

Number of sites #	Hours						75.00			8.00						100.00	300.00				483.00
Physical works % complete	# or %															1.00	3.00				4.00
N/A	# or %																				-

**Project Inputs**

	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Total	
	Actual	Forecast																				

**5 Project Name** TWR Pump station renewals (Water supply) P2020-005  
**Project Type** WATER - Pump station upgrades

Start date	Jun-21	Capex	0.05
End date	Feb-22	Opex	
Total upfront payment	0.03	N/A	
Total final payment	0.00	Check	0.00
Total project spend	0.05		
Total project funding	0.05		
Check	-		

<b>Project Spend</b>																							
Spend from Crown funding	\$NZ'm							0.0016030			0.0038040			0.0250		0.02							0.053907
Spend from cofunding	\$NZ'm																						-
<b>Total project spend</b>	\$NZ'm							0.00			0.00			0.03		0.02							0.05

<b>Project Funding</b>	\$NZ'm																						
Upfront payment portion	\$NZ'm	0.03																					0.03
Crown funding required	\$NZ'm											0.03											0.03
Cofunding required	\$NZ'm																						-
Final payment portion	\$NZ'm															0.00							0.00
<b>Total project funding</b>	\$NZ'm	0.03										0.03				0.00							0.05

<b>Cash position</b>	\$NZ'm																						
Opening cash position	\$NZ'm		0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.06	0.06	0.04	0.04	0.02	0.02	0.02	0.02			
Project spend	\$NZ'm																						
Project funding	\$NZ'm	0.03										0.03				0.00							
<b>Closing cash position</b>	\$NZ'm	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.06	0.06	0.04	0.04	0.02	0.02	0.02	0.02	0.02			Ok

<b>Worker hours</b>	Hours													320.00									320.00
<b>Number of PS upgrades #</b>	# or %													1.00									1.00
<b>Physical works % complete</b>	# or %																						-
<b>N/A</b>	# or %																						-

**6 Project Name** TWR Backflow prevention P2020-006  
**Project Type** WATER - Boundary backflow preventors

Start date	Dec-20	Capex	0.75
End date	Feb-22	Opex	
Total upfront payment	0.38	N/A	
Total final payment	0.01	Check	Ok
Total project spend	0.75		
Total project funding	0.75		
Check	-		

<b>Project Spend</b>	\$NZ'm																						
Spend from Crown funding	\$NZ'm					0.049433	0.011309	0.006107	0.019767	0.036379	0.035352	0.093907	0.150000	0.150000	0.060000	0.060000	0.077700						0.749954
Spend from cofunding	\$NZ'm																						-
<b>Total project spend</b>	\$NZ'm					0.05	0.01	0.01	0.02	0.04	0.04	0.09	0.15	0.15	0.06	0.06	0.08						0.749954

<b>Project Funding</b>	\$NZ'm																						
Upfront payment portion	\$NZ'm	0.38																					0.38
Crown funding required	\$NZ'm									0.1875			0.1800										0.37
Cofunding required	\$NZ'm																						-
Final payment portion	\$NZ'm																0.01						0.01
<b>Total project funding</b>	\$NZ'm	0.38								0.19			0.18				0.01						0.749925

<b>Cash position</b>	\$NZ'm																						
Opening cash position	\$NZ'm		0.38	0.38	0.38	0.38	0.33	0.32	0.31	0.29	0.44	0.40	0.31	0.34	0.19	0.13	0.07						
Project spend	\$NZ'm						(0.05)	(0.01)	(0.01)	(0.02)	(0.04)	(0.04)	(0.09)	(0.15)	(0.15)	(0.06)	(0.06)	(0.08)					
Project funding	\$NZ'm	0.38								0.19			0.18				0.01						
<b>Closing cash position</b>	\$NZ'm	0.38	0.38	0.38	0.38	0.33	0.32	0.31	0.29	0.44	0.40	0.31	0.34	0.19	0.13	0.07							Ok

<b>Worker hours</b>	Hours					1.75		1.75			320.00	1,520.00	2,400.00	2,200.00	900.00	800.00	1,000.00						9,143.50
<b>New boundary backflow prevent</b>	# or %														5.00	6.00	14.00						25.00
<b>Existing boundary backflow prevent</b>	# or %										38.00	190.00	300.00	270.00	100.00	75.00	102.00						1,075.00
<b>N/A</b>	# or %																						-

**Project Inputs**

	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Total	
	Actual	Forecast																				

**7 Project Name** TWR WTP Piopio Improvements P2020-007  
**Project Type** WATER - Water Treatment Plant upgrades

Start date	Nov-21	Capex	0.05
End date	Mar-22	Opex	
Total upfront payment	0.03	N/A	
Total final payment	0.00	Check	Ok
Total project spend	0.05		
Total project funding	0.05		
Check	-		

**Project Spend**

Spend from Crown funding	\$NZ'm																						0.05	
Spend from cofunding	\$NZ'm																							-
<b>Total project spend</b>	\$NZ'm																							<b>0.05</b>

**Project Funding**

Upfront payment portion	\$NZ'm	0.03																						0.03
Crown funding required	\$NZ'm																							0.02
Cofunding required	\$NZ'm																							-
Final payment portion	\$NZ'm																							0.00
<b>Total project funding</b>	\$NZ'm	<b>0.03</b>																						<b>0.05</b>

**Cash position**

Opening cash position	\$NZ'm																							
Project spend	\$NZ'm		0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.03	0.02							
Project funding	\$NZ'm	0.03													(0.01)	(0.01)	(0.01)	(0.02)						
<b>Closing cash position</b>	\$NZ'm	<b>0.03</b>	<b>0.02</b>	<b>0.03</b>	<b>0.02</b>						<b>Ok</b>													

**Worker hours**

Number of WTP upgrades #	Hours														80.00	80.00	80.00	160.00					<b>400.00</b>	
Physical works % complete	# or %																							-
m3/day processing capacity	# or %														0.20	0.20	0.20	0.40					<b>1.00</b>	

**8 Project Name** TWR Piopio water supply intake improvements P2020-008  
**Project Type** WATER - Water Treatment Plant upgrades

Start date	Apr-21	Capex	0.05
End date	Dec-21	Opex	
Total upfront payment	0.03	N/A	
Total final payment	0.00	Check	Ok
Total project spend	0.05		
Total project funding	0.05		
Check	-		

**Project Spend**

Spend from Crown funding	\$NZ'm																							0.05000
Spend from cofunding	\$NZ'm																							-
<b>Total project spend</b>	\$NZ'm																							<b>0.05000</b>

**Project Funding**

Upfront payment portion	\$NZ'm	0.03																						0.03
Crown funding required	\$NZ'm																							0.02
Cofunding required	\$NZ'm																							-
Final payment portion	\$NZ'm																							0.00
<b>Total project funding</b>	\$NZ'm	<b>0.03</b>																						<b>0.05</b>

**Cash position**

Opening cash position	\$NZ'm																							
Project spend	\$NZ'm		0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.05	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Project funding	\$NZ'm	0.03												(0.01)	(0.04)									
<b>Closing cash position</b>	\$NZ'm	<b>0.03</b>	<b>0.05</b>	<b>0.05</b>	<b>0.01</b>	<b>Ok</b>																		

**Worker hours**

Number of WTP upgrades #	Hours									30.00	30.00				80.00								<b>300.00</b>
Physical works % complete	# or %														50%	50%							<b>100%</b>
m3/day processing capacity	# or %																						<b>-</b>

**Project Inputs**

	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Total	
	Actual	Forecast																				

**9 Project Name** TWR Maniati Benneydale UV install P2020-009  
**Project Type** WATER - Water Treatment Plant upgrades

Start date	Feb-22	Capex	0.03
End date	Mar-22	Opex	
Total upfront payment	0.02	N/A	
Total final payment	0.00	Check	Ok
Total project spend	0.03		
Total project funding	0.03		
Check	-		

**Project Spend**

Spend from Crown funding	\$NZ'm																0.01	0.02				0.03
Spend from cofunding	\$NZ'm																					-
<b>Total project spend</b>	\$NZ'm																0.01	0.02				<b>0.03</b>

**Project Funding**

Upfront payment portion	\$NZ'm	0.02																				0.02
Crown funding required	\$NZ'm														0.01							0.01
Cofunding required	\$NZ'm																					-
Final payment portion	\$NZ'm																	0.00				0.00
<b>Total project funding</b>	\$NZ'm	<b>0.02</b>													<b>0.01</b>		<b>0.00</b>					<b>0.03</b>

**Cash position**

Opening cash position	\$NZ'm																					
Project spend	\$NZ'm		0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.02				
Project funding	\$NZ'm	0.02														0.01		0.00				
<b>Closing cash position</b>	\$NZ'm	<b>0.02</b>	<b>0.03</b>	<b>0.02</b>				<b>Ok</b>														

**Worker hours**

Number of WTP upgrades #	Hours																40.00	80.00				120.00
Physical works % complete	# or %																0.33	0.67				1.00
m3/day processing capacity	# or %																					-

**10 Project Name** TWR Mokau WTP upgrade design and install P2020-010  
**Project Type** WATER - Water Treatment Plant upgrades

Start date	Mar-21	Capex	0.22
End date	Oct-21	Opex	
Total upfront payment	0.11	N/A	
Total final payment	0.00	Check	(0.01)
Total project spend	0.21		
Total project funding	0.22		
Check	0.01		

**Project Spend**

Spend from Crown funding	\$NZ'm					0.001115		0.10506		-	0.000721	0.003310	0.01	0.06	0.03							0.214903
Spend from cofunding	\$NZ'm																					-
<b>Total project spend</b>	\$NZ'm					<b>0.00</b>		<b>0.11</b>			<b>0.00</b>	<b>0.00</b>	<b>0.01</b>	<b>0.06</b>	<b>0.03</b>						<b>0.214903</b>	

**Project Funding**

Upfront payment portion	\$NZ'm	0.108																				0.11
Crown funding required	\$NZ'm							0.054			0.054											0.11
Cofunding required	\$NZ'm																					-
Final payment portion	\$NZ'm																					-
<b>Total project funding</b>	\$NZ'm	<b>0.11</b>						<b>0.05</b>			<b>0.05</b>											<b>0.215000</b>

**Cash position**

Opening cash position	\$NZ'm																					
Project spend	\$NZ'm		0.11	0.11	0.11	0.11	0.11	0.11	0.16	0.16	0.05	0.10	0.10	0.10	0.09	0.03						
Project funding	\$NZ'm	0.11						0.05			0.05			(0.00)	(0.06)	(0.03)						
<b>Closing cash position</b>	\$NZ'm	<b>0.11</b>	<b>0.11</b>	<b>0.11</b>	<b>0.11</b>	<b>0.11</b>	<b>0.16</b>	<b>0.16</b>	<b>0.05</b>	<b>0.10</b>	<b>0.10</b>	<b>0.10</b>	<b>0.09</b>	<b>0.03</b>							<b>Ok</b>	

**Worker hours**

Number of WTP upgrades #	Hours					4.00		507.00		3.00	18.00	400.00	600.00	100.00								1,632.00
Physical works % complete	# or %											0.25	0.40	0.10								100%
m3/day processing capacity	# or %																					-

**Project Inputs**

	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Total	
	Actual	Forecast																				

<b>11 Project Name</b>	<b>TWR Mokau WTP backwash treatment P2020-011</b>																					
<b>Project Type</b>	<b>WATER - Water Treatment Plant upgrades</b>																					
Start date	Mar-21	Capex	0.15																			
End date	Dec-21	Opex																				
Total upfront payment	0.08	N/A																				
Total final payment	0.00	Check	Ok																			
Total project spend	0.15																					
Check	-																					
<b>Project Spend</b>																						
Spend from Crown funding	\$NZ'm											0.05	0.08	0.03							0.15	
Spend from cofunding	\$NZ'm																					-
<b>Total project spend</b>	\$NZ'm											<b>0.05</b>	<b>0.08</b>	<b>0.03</b>							<b>0.15</b>	
<b>Project Funding</b>																						
Upfront payment portion	\$NZ'm	0.08																			0.08	
Crown funding required	\$NZ'm								0.04			0.04									0.07	
Cofunding required	\$NZ'm																				-	
Final payment portion	\$NZ'm													0.00							0.00	
<b>Total project funding</b>	\$NZ'm	<b>0.08</b>							<b>0.04</b>			<b>0.04</b>		<b>0.00</b>							<b>0.15</b>	
<b>Cash position</b>																						
Opening cash position	\$NZ'm																					
Project spend	\$NZ'm		0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.12	0.12	0.12	0.11	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Project funding	\$NZ'm	0.08								0.04		0.04	(0.08)	(0.03)								
<b>Closing cash position</b>	\$NZ'm	<b>0.08</b>	<b>0.12</b>	<b>0.12</b>	<b>0.12</b>	<b>0.11</b>	<b>0.03</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>Ok</b>								
<b>Worker hours</b>																						
Number of WTP upgrades #	Hours											100.00	300.00	100.00							500.00	
Physical works % complete	# or %											0.25	0.50	0.25							1.00	
m3/day processing capacity	# or %																					-

<b>12 Project Name</b>	<b>TWR Water and wastewater planning and design P2020-012</b>																					
<b>Project Type</b>	<b>PRGRM - Programme management</b>																					
Start date	Mar-21	N/A	0.10																			
End date	Dec-21	N/A																				
Total upfront payment	0.05	Other/Reform																				
Total final payment	0.00	Check	Ok																			
Total project spend	0.10																					
Check	-																					
<b>Project Spend</b>																						
Spend from Crown funding	\$NZ'm				0.0139610	0.0101210	0.0094670	0.0101070	0.0118650					0.02	0.02						0.10	
Spend from cofunding	\$NZ'm																					
<b>Total project spend</b>	\$NZ'm				<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>					<b>0.02</b>	<b>0.02</b>						<b>0.10</b>	
<b>Project Funding</b>																						
Upfront payment portion	\$NZ'm	0.05																			0.05	
Crown funding required	\$NZ'm							0.05													0.05	
Cofunding required	\$NZ'm																				-	
Final payment portion	\$NZ'm													0.00							0.00	
<b>Total project funding</b>	\$NZ'm	<b>0.05</b>						<b>0.05</b>						<b>0.00</b>							<b>0.10</b>	
<b>Cash position</b>																						
Opening cash position	\$NZ'm																					
Project spend	\$NZ'm		0.05	0.05	0.05	0.04	0.03	0.07	0.06	0.05	0.05	0.05	0.05	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Project funding	\$NZ'm	0.05			(0.01)	(0.01)	(0.01)	(0.01)	(0.01)				(0.02)	(0.02)								
<b>Closing cash position</b>	\$NZ'm	<b>0.05</b>	<b>0.05</b>	<b>0.05</b>	<b>0.04</b>	<b>0.03</b>	<b>0.07</b>	<b>0.06</b>	<b>0.05</b>	<b>0.05</b>	<b>0.05</b>	<b>0.05</b>	<b>0.03</b>	<b>0.01</b>	<b>Ok</b>							
<b>Worker hours</b>																						
% complete	# or %				80.00	61.25	58.25	62.25	15.25					80.00	80.00						437.00	
N/A	# or %				0.14	0.11	0.10	0.11	0.04					0.25	0.25						1.00	
N/A	# or %																				-	

**Project Inputs**

Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Total	
Actual	Forecast																				

**13 Project Name** TWR Back-up Power supplies WTPs P2020-013  
**Project Type** WATER - Water Treatment Plant upgrades

Start date	Feb-21	Capex	0.33
End date	Feb-22	Opex	
Total upfront payment	0.17	N/A	
Total final payment	0.00	Check	(0.01)
Total project spend	0.33		
Total project funding	0.34		
Check	0.01		

<b>Project Spend</b>																							
Spend from Crown funding	\$NZ'm																						
Spend from cofunding	\$NZ'm																						
<b>Total project spend</b>	\$NZ'm																						

<b>Project Funding</b>	\$NZ'm																						
Upfront payment portion	\$NZ'm	0.17																					
Crown funding required	\$NZ'm																						
Cofunding required	\$NZ'm																						
Final payment portion	\$NZ'm																						
<b>Total project funding</b>	\$NZ'm	0.17																					

<b>Cash position</b>	\$NZ'm																						
Opening cash position	\$NZ'm	-	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.12	0.20	0.15	0.15	0.04	0.01				
Project spend	\$NZ'm	-	-	-	-	-	-	(0.00)	-	-	-	-	(0.08)	(0.05)	-	(0.06)	-	(0.11)	(0.03)	-			
Project funding	\$NZ'm	0.17	-	-	-	-	-	-	-	-	-	-	0.08	-	0.08	0.00	-	-	-	-			
<b>Closing cash position</b>	\$NZ'm	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.25	0.17	0.12	0.20	0.15	0.15	0.04	0.01			Ok

<b>Worker hours</b>	Hours																						
Number of WTP upgrades #	# or %																						
Physical works % complete	# or %																						
m3/day processing capacity	# or %																						

**14 Project Name** TWR Te Kuiti WWTP Sludge press lifting equipment P2020-014  
**Project Type** WASTE - Wastewater Treatment Plant upgrades

Start date	Mar-21	Capex	0.02
End date	Feb-22	Opex	
Total upfront payment	0.01	N/A	
Total final payment	0.00	Check	(0.00)
Total project spend	0.02		
Total project funding	0.02		
Check	-		

<b>Project Spend</b>	\$NZ'm																						
Spend from Crown funding	\$NZ'm																						
Spend from cofunding	\$NZ'm																						
<b>Total project spend</b>	\$NZ'm																						

<b>Project Funding</b>	\$NZ'm																						
Upfront payment portion	\$NZ'm	0.01																					
Crown funding required	\$NZ'm																						
Cofunding required	\$NZ'm																						
Final payment portion	\$NZ'm																						
<b>Total project funding</b>	\$NZ'm	0.01																					

<b>Cash position</b>	\$NZ'm																						
Opening cash position	\$NZ'm	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01			
Project spend	\$NZ'm	-	-	-	-	-	-	-	-	-	-	-	(0.01)	(0.01)	(0.01)	-	-	-	-	-			
Project funding	\$NZ'm	0.01	-	-	-	-	-	-	-	-	-	-	0.01	-	-	0.00	-	-	-	-			
<b>Closing cash position</b>	\$NZ'm	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01			Ok

<b>Worker hours</b>	Hours																						
Number WWTP upgrades #	# or %																						
Physical works % complete	# or %																						
m3/day processing capacity	# or %																						



**Project Inputs**

	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Total	
	Actual	Forecast																				

**17 Project Name** TWR Critical spares WWTP P2020-017  
**Project Type** WASTE - Wastewater Treatment Plant upgrades

Start date	Mar-21	Capex	0.20
End date	Nov-22	Opex	
Total upfront payment	0.10	N/A	
Total final payment	0.00	Check	Ok
Total project spend	0.20		
Total project funding	0.20		
Check	-		

**Project Spend**

Spend from Crown funding	\$NZ'm											0.03	0.10	0.07								0.20	
Spend from cofunding	\$NZ'm																						-
<b>Total project spend</b>	\$NZ'm											0.03	0.10	0.07								0.20	

**Project Funding**

Upfront payment portion	\$NZ'm	0.10																				0.10
Crown funding required	\$NZ'm											0.10										0.10
Cofunding required	\$NZ'm																					-
Final payment portion	\$NZ'm																					-
<b>Total project funding</b>	\$NZ'm	0.10										0.10										0.20

**Cash position**

Opening cash position	\$NZ'm																					
Project spend	\$NZ'm		0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.07	0.07								
Project funding	\$NZ'm	0.10										(0.03)	(0.10)	(0.07)								
<b>Closing cash position</b>	\$NZ'm	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.07	0.07									Ok

**Worker hours**

Number WWTP upgrades #	# or %																					-
Physical works % complete	# or %																					-
m3/day processing capacity	# or %																					-

**18 Project Name** TWR Pump station renewals (Wastewater) P2020-018  
**Project Type** WASTE - Pump station upgrades

Start date	Jul-21	Capex	0.10
End date	Dec-21	Opex	
Total upfront payment	0.05	N/A	
Total final payment	0.00	Check	0.00
Total project spend	0.10		
Total project funding	0.10		
Check	-		

**Project Spend**

Spend from Crown funding	\$NZ'm												0.050000	0.050400								0.100400
Spend from cofunding	\$NZ'm																					-
<b>Total project spend</b>	\$NZ'm												0.05	0.05								0.10

**Project Funding**

Upfront payment portion	\$NZ'm	0.05																				0.05
Crown funding required	\$NZ'm											0.05										0.05
Cofunding required	\$NZ'm																					-
Final payment portion	\$NZ'm														0.00							0.00
<b>Total project funding</b>	\$NZ'm	0.05										0.05		0.00								0.10

**Cash position**

Opening cash position	\$NZ'm																					
Project spend	\$NZ'm		0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.10	0.05								
Project funding	\$NZ'm	0.05										0.05	(0.05)	(0.05)								
<b>Closing cash position</b>	\$NZ'm	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.10	0.05									Ok

**Worker hours**

Number of PS upgrades #	# or %												80.00	80.00								160.00
Physical works % complete	# or %												1.00	1.00								2.00
N/A	# or %																					-

**Project Inputs**

	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Total	
	Actual	Forecast																				

**19 Project Name** TWR Backup power supply WWTPs P2020-19  
**Project Type** WASTE - Wastewater Treatment Plant upgrades

Start date	Feb-21	Capex	0.24
End date	May-22	Opex	
Total upfront payment	0.12	N/A	
Total final payment	0.00	Check	(0.00)
Total project spend	0.24		
Total project funding	0.24		
Check	-		

**Project Spend**

Spend from Crown funding	\$NZ'm							0.00498						0.06000	0.03100		0.04000		0.08000	0.02000		0.23598
Spend from cofunding	\$NZ'm																					-
<b>Total project spend</b>	\$NZ'm							<b>0.00</b>						<b>0.06</b>	<b>0.03</b>		<b>0.04</b>		<b>0.08</b>	<b>0.02</b>		<b>0.24</b>

**Project Funding**

Upfront payment portion	\$NZ'm	0.12																				0.12
Crown funding required	\$NZ'm											0.06			0.06							0.12
Cofunding required	\$NZ'm																					-
Final payment portion	\$NZ'm																			0.00		0.00
<b>Total project funding</b>	\$NZ'm	<b>0.12</b>										<b>0.06</b>			<b>0.06</b>					<b>0.00</b>		<b>0.24</b>

**Cash position**

Opening cash position	\$NZ'm																					
Project spend	\$NZ'm		0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.18	0.12	0.09	0.15	0.11	0.11	0.03	0.01		
Project funding	\$NZ'm	0.12										0.06	(0.06)	(0.03)		(0.04)		(0.08)	(0.02)			
<b>Closing cash position</b>	\$NZ'm	<b>0.12</b>	<b>0.18</b>	<b>0.12</b>	<b>0.09</b>	<b>0.15</b>	<b>0.11</b>	<b>0.11</b>	<b>0.03</b>	<b>0.01</b>		<b>Ok</b>										

**Worker hours**

Number WWTP upgrades #	Hours							20.00										300.00	100.00		420.00
Physical works % complete	# or %																	2.00	1.00		3.00
m3/day processing capacity	# or %																				-

**20 Project Name** TWR Project and Contract Management P2020-20  
**Project Type** PRGRM - Programme management

Start date	Dec-20	N/A	
End date	Mar-22	N/A	
Total upfront payment	0.18	Other/Reform	0.35
Total final payment	0.00	Check	Ok
Total project spend	0.35		
Total project funding	0.35		
Check	-		

**Project Spend**

Spend from Crown funding	\$NZ'm		0.0050		0.0041	0.0040			0.0342		0.0108	0.0089	0.0400	0.0400	0.0400	0.0250	0.0250	0.0250	0.0250	0.0400	0.0230	0.35
Spend from cofunding	\$NZ'm																					-
<b>Total project spend</b>	\$NZ'm		<b>0.00</b>		<b>0.00</b>	<b>0.00</b>			<b>0.03</b>		<b>0.01</b>	<b>0.01</b>	<b>0.04</b>	<b>0.04</b>	<b>0.04</b>	<b>0.03</b>	<b>0.03</b>	<b>0.03</b>	<b>0.03</b>	<b>0.04</b>	<b>0.02</b>	<b>0.35</b>

**Project Funding**

Upfront payment portion	\$NZ'm	0.17500																				0.18
Crown funding required	\$NZ'm									0.08750						0.08400						0.17
Cofunding required	\$NZ'm																					-
Final payment portion	\$NZ'm																		0.003499			0.00
<b>Total project funding</b>	\$NZ'm	<b>0.18</b>								<b>0.09</b>						<b>0.08</b>			<b>0.00</b>			<b>0.349999</b>

**Cash position**

Opening cash position	\$NZ'm																					
Project spend	\$NZ'm		0.18	0.18	0.18	0.18	0.18	0.18	0.15	0.24	0.23	0.22	0.18	0.14	0.10	0.16	0.14	0.12	0.10	0.06		
Project funding	\$NZ'm	0.18	(0.00)		(0.00)	(0.00)			(0.03)	(0.01)	(0.01)	(0.04)	(0.04)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.04)	(0.02)		
<b>Closing cash position</b>	\$NZ'm	<b>0.18</b>	<b>0.18</b>	<b>0.18</b>	<b>0.18</b>	<b>0.18</b>	<b>0.18</b>	<b>0.15</b>	<b>0.24</b>	<b>0.23</b>	<b>0.22</b>	<b>0.18</b>	<b>0.14</b>	<b>0.10</b>	<b>0.16</b>	<b>0.14</b>	<b>0.12</b>	<b>0.10</b>	<b>0.06</b>		<b>Ok</b>	

**Worker hours**

% complete	# or %		12.20		10.10	9.80			252.00		119.00	106.00	80.00	80.00	80.00	70.00	70.00	70.00	70.00	150.00	60.00	1,239.10
N/A	# or %								0.01		0.01	0.01	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.08	100%
N/A	# or %																					-



Project Inputs

Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Total
Actual	Forecast																			

<b>23 Project Name</b>	Undefined Project re-scoping Backup Generators																				
<b>Project Type</b>	WATER - Pump station upgrades																				
Start date	Jul-21	Capex																			
End date	Jan-22	Opex																			
Total upfront payment		N/A																			
Total final payment	-	Check																			
Total project spend																					
Total project funding																					
Check	-																				
<b>Project Spend</b>																					
Spend from Crown funding	\$NZ'm																				-
Spend from cofunding	\$NZ'm																				-
<b>Total project spend</b>	<b>\$NZ'm</b>																				<b>-</b>
<b>Project Funding</b>																					
Upfront payment portion	\$NZ'm																				-
Crown funding required	\$NZ'm																				-
Cofunding required	\$NZ'm																				-
Final payment portion	\$NZ'm																				-
<b>Total project funding</b>	<b>\$NZ'm</b>																				<b>-</b>
<b>Cash position</b>																					
Opening cash position	\$NZ'm																				-
Project spend	\$NZ'm																				-
Project funding	\$NZ'm																				-
<b>Closing cash position</b>	<b>\$NZ'm</b>																				<b>Ok</b>
<b>Worker hours</b>																					
Number of PS upgrades #	Hours																				-
Physical works % complete	# or %																				-
N/A	# or %																				-

Pre-work / Long term commentary

Question #	Initial Update				
Top 5 Risks and Contractor Claims					
	Risk # (Highest to lowest)	Risk Name	Impact	Likelihood	Commentary on mitigants
1	Mandatory	Completion of programme by 30 June 2022	High	Medium	Project and/or Contract Manager (PM/CM) for each project Project Control Group (PCG) setup Delivery Planning (DP) in place
2	1	Internal staff capacity	High	Medium	Engaging consultants Recruitment of roles
3	2	Contractor and goods availability	High	Medium	Discussion with contractors early during scoping and planning to check availability
4	3	Unforeseen expenditure	Medium	Low	Project plans in place sign-off process Detailed scoping of complex projects, e.g. SCADA
5	4	Poor contractor performance	Medium	Low	Contract Manager - currently scoping, contract being drafted Use contractors with proven reliability
6	5	Health and Safety procedures not followed	High	Low	Contract terms and conditions Site audits of Health and Safety (H+S) compliance

Conditions agreed upon in delivery plan	
Condition	Commentary
7 Consult with other Councils on SCADA	Currently attending Waikato/BoP working group on SCADA upgrades
8 Condition [ i.e. consult on water meters]	No smart metering projects
9 [Condition ]	[Commentary]
10 [Condition]	[Commentary]
11 [Condition]	[Commentary]

Pre-work commencement status		
Roadblock	Status	Commentary
12 RMA	[Select]	[Commentary]
13 Building Consent	[Select]	[Commentary]
14 Other Consents (i.e. CARs, iwi, Heritage)	[Select]	[Commentary]
15 Design	Yet to commence	Project 7 - Scoping for wastewater connection prior to design Project 10 - Initial scope drafted Project 13 & 19 Scoping and design consultant engaged
16 Procurement	RFP in preparation	Projects 1, 5, 6, 12, 13, 14, 19, 21, 22, 23 have requests prepared
17 Main Contract	Contract evaluation	Project 6 - Backflow installation contract being drafted Project 23 - Contract Management contract being drafted

Quarterly commentary

18	Programme costs	Commentary on Government Funded programme
19		Commentary on LTP programme
20	Reform funding	Reform Funding Activities
21		RFI funding (\$60k)
22	Scope and Progress commentary	Commentary
23		Media Announcements

Quarter 1 (January 2021) Update

Top 5 Risks and Contractor Claims

Risk Name	Risk Level	Commentary
Completion of programme by 30 June 2022	Medium	PM assigned to each project, project plans in place PCG meeting weekly to promptly address escalations DP weekly meeting to track progress and action plans
Internal staff capacity	High	3-waters planning and contract drafting consultants engaged Recruitment in sign-off phase
Contractor and goods availability	Medium	Local and specialist contractors scoped for availability Commencement of some works due to local contractor availability
Unforeseen expenditure	Medium	Project plans going through 2 phase sign-off process High value and complex projects evaluated through Tender Sub Committee
Poor contractor performance	Low	Terms and conditions drafted for Contract Management Contractor templates specifically for 3 waters reform projects setout clear requirements for delivery of projects
Health and Safety procedures not followed	Low	Contract templates include H+S requirements H+S audits to be undertaken by PM or CM

Conditions agreed upon in delivery plan

Condition	Commentary
Consult with other Councils on SCADA	Will utilise one of the councils in the group (e.g. Western Bays) to audit SCADA upgrade approach
Condition [ i.e. consult on water meters]	[Commentary]
[Condition ]	[Commentary]
[Condition]	[Commentary]
[Condition]	[Commentary]

Pre-work commencement status

Roadblock	Status	Commentary
RMA	In Preparation	Project 8 (Piopio Water Supply Improvements) - checking allowed activities under current consent
Building Consent	[Select]	[Commentary]
Other Consents (i.e. CARs, iwi, Heritage)	[Select]	[Commentary]
Design	[Select]	Project 7 - Site visit to begin draft design Project 10 - Project meeting onsite 9 Feb to scope design work Project 13 & 19 consultant to book site visits (2 days)
Procurement	RFP issued	Projects 1, 5, 6, 12, 13, 14, 19, 21, 22, 23 quotes requested
Main Contract	Contract negotiation	Project 6 - Contract ready for closed tender process Project 23 - Contract Management contract being drafted

Programme costs commentary

Limited expenditure to date, Project 1 - one site commenced early due to contractor availability
Spend on track, some overspend on wastewater pump renewals due to increased complexity of the renewal.

Reform funding commentary

N/A
N/A

Scope and Progress commentary

Project 1 commenced
General media release on the \$3.5M funding for 3 waters, Published in Waitomo News on Thurs 17/12/2020

Quarter 2 (April 2021) Update

Top 5 Risks and Contractor Claims

Risk Name	Risk Level	Commentary
Completion of programme by 30 June 2022	High	Dependant on risks below
Internal staff capacity	Medium	Recruitment successful for Treatment Plant Technician, Environmental Technician, Network Engineer. Successful contractor recruitment for Project/Contract management, data collection technicians, in progress for WWTP Service Technician/s.
Contractor and goods availability	High	Accuflo Manifolds delivery not met due to supply issue, smaller weekly deliveries secured. Close monitoring of supply required. Capacity issues for specialist contractors causing delay, has not impacted completion dates.
Unforeseen expenditure	Medium	Increased pricing of plant and equipment - reduced additional monitoring and critical spares project outputs.
Poor contractor performance	Low	Contract templates including specific requirements for 3 Waters reform programme in place. Any procurement exemptions approved by Tender Submission Committee.
Health and Safety procedures not followed	Low	Procurement policy includes Health Safety requirements. Contract/Project Management contract in place to conduct H+S audits on site.

Conditions agreed upon in delivery plan

Condition	Commentary
Consult with other Councils on SCADA	Knowledge base increasing from work with SCADA forum. Baseline document and the upgrade will be discussed with SCADA specialist made available through forum.
Condition [ i.e. consult on water meters]	[Commentary]
[Condition ]	[Commentary]
[Condition]	[Commentary]
[Condition]	[Commentary]

Pre-work commencement status

Roadblock	Status	Commentary
RMA	[Select]	[Commentary]
Building Consent	[Select]	[Commentary]
Other Consents (i.e. CARs, iwi, Heritage)	[Select]	[Commentary]
Design	Underway	Project 10 - Mokau upgrade - hydraulic modelling in progress Project 12 - Reticulation design and planning - design drawings phase 1 completed Projects 13 + 19 Scoping report completed, suppliers to provide quotes Project 4 - Scoping work extended, baseline document in progress
Procurement	RFP issued	Projects 3 + 16 equipment priced, installation to be provided Projects 1 and 22 - phase 2 and 3 sites quoted. Project 14 - equipment ordered due April, alterations scoped Project 5 - prices received
Main Contract	Contract negotiation	Project 6 - Backflow installation tender evaluation delayed due to probity checks Project 23 - Contract Management agreement signed. Project 21 - staff to commence training week of 20 April

Programme costs commentary

Project under spend compared to forecast: Project 20 - delay with securing contractor for project/contract management. Project 21 - Unsuccessful
LTP spend tracking well overall some delay in spending due to internal capacity and scoping of SCADA. Forecasted spend moved further out for water

Reform funding commentary

Request submitted to allocate funding from project 15 to Taituara SOLGM phase 2 Preparation for Water Reform costs
[Commentary]

Scope and Progress commentary

Works in progress - fencing, track repair, asset data collection devices and process in place, manifolds in stock, generator report completed, design and Drafted media release for backflow installation project, final version and individual letters to be confirmed once contract awarded. Late April/early May release
---

Quarter 3 (July 2021) Update

Top 5 Risks and Contractor Claims

Risk Name	Risk Level	Commentary
Completion of programme by 30 June 2022	Medium	Adjustment to Delivery Plan, additional internal staff, awarding of a number of contracts, obtaining supplies has reduced the risk from high to medium as detailed below.
Internal staff capacity	Medium	Treatment Plant and Environmental technicians established in new roles. Network Engineer commenced Network assessments. Programme Delivery Manager commenced role. With the additional staff in and around the Waters team the internal staff capacity has been stabilised.
Contractor and goods availability	Medium	Manifolds supply issue has been addressed with Accuflo. An additional 200 manifolds have been sourced bringing the stock levels up to 600 (50% of required numbers). Contractors have been engaged for Backflow installations, Asset Data collection, Sludge removal, SCADA/compliance analysis
Unforeseen expenditure	Medium	SCADA project has additional expenditure for reporting software and compliance analysis. Due to reduced scope of this project these additions can be covered with existing project budget
Poor contractor performance	Low	Backflow and asset data projects are being project managed by one contractor, this will ensure planning and delivery of both projects is optimised and efficiencies are to be gained by running both simultaneously. Monthly reporting is required to ensure targets are being met through the delivery phase.
Health and Safety procedures not followed	Low	The majority of contractors engaged have SHE qual certification and have proven track record with previous or current contracts with WDC. WDC staff are currently undergoing H+S refresher workshops including specific contractor H+S workshop (covers contract conditions, commencement meetings, risk assessments, site safety plans etc.)

Conditions agreed upon in delivery plan

Condition	Commentary
Consult with other Councils on SCADA	SCADA project to reduce in scope to include reporting software and cloud data storage. Consultant engaged to cover gap analysis for compliance going forward.
Condition [ i.e. consult on water meters]	Media release to reinforce message that manifold (with backflow preventers) installations do not include water meters.
[Condition ]	[Commentary]
[Condition]	[Commentary]
[Condition]	[Commentary]

Pre-work commencement status

Roadblock	Status	Commentary
RMA	In Preparation	Consent could be required to remedy bank erosion at PioPio water intake. Request for evaluation logged with WRC, site visit may or may not be required.
Building Consent	[Select]	[Commentary]
Other Consents (i.e. CARs, iwi, Heritage)	[Select]	[Commentary]
Design	Completed	Mokau WTP installation designs completed. SCADA baseline report completed. Contractor engaged to assess compliance and monitoring requirements
Procurement	RFP closed	Back-up Generator prices received, evaluation (external) of suppliers completed. Equipment ordered for critical spares, pump renewals, lifting equipment, and additional monitoring WTP and WWTP
Main Contract	Construction started	Significant contracts underway: Asset data collection, Mokau WTP upgrade, Project and Contract Management Significant contracts commencing in July: Backflow installations and Sludge removal

Programme costs commentary

Spend is still tracking behind forecast due to the later than expected commencement of some larger projects (backflow, asset data, sludge removal, LTP overall is slightly below budget, there are outstanding invoices for June that will be processed with the end of the FY and will be updated in the next

Reform funding commentary

Request to increase the budget for the back-up generator project due to higher than budgeted prices received. Additional \$180,000  
[Commentary]

Scope and Progress commentary

Fencing project 3 sites completed, 2 remaining sites prepared. Equipment ordered for additional monitoring and critical spares for WTP and WWTP. SCADA Media release on the backflow installations and the asset data collection to inform the public on the purpose of these projects and the contractors involved.

Quarter 4 (October 2021) Update

Top 5 Risks and Contractor Claims

Risk Name	Risk Level	Commentary
Completion of programme by 30 June 2022	Medium	Good progress on main contracts, backflow installation and asset data collection. Confirmation of ETA for Generators. Shipping delays, supply chain issues and contractor availability and further lockdowns mean this risk remains medium
Internal staff capacity	Medium	Currently one position vacant in waters team, training of new staff on-going. Infrastructure GM role covered by experienced external contractor familiar with role. Vacancies in Programme Delivery team - External contractor engaged to assist with project management
Contractor and goods availability	Medium	Specialist contractors delayed by Auckland lockdown for Mokau WTP upgrade. Supply issues for example with stainless tanks for Mokau WTP upgrade, chain-link fencing for Te Kuiti site security of supply. SCADA contractor has filled vacancy. External project management has been secured. Availability of generators confirmed. Continued lockdowns and supply chain issues keep this risk at medium.
Unforeseen expenditure	Medium	Mokau install and design works increased cost including peer reviews, additional safety requirements and increased installation costs, pipework etc. Additional monitoring equipment required to WTP to ensure compliance; Traffic management costs are higher than expected due to increased requirements for sites on State Highways. Final pricing for generators and installation has increased since initially quoted. Increases in pricing especially steel and pipes are likely, keeping this risk at medium.
Poor contractor performance	Low	Complaint on backflow installation rectified by contractor - no further issues. Monthly reports are being delivered on time and give good oversight of progress on the backflow installation and asset data contracts.
Health and Safety procedures not followed	Low	Audits of sub-contractors undertaken for backflow installations, no corrective actions. At Level 2 WDC will also conduct onsite audits of the main contracts. Training has been undertaken for Asset data collection staff for Traffic management and manhole lifting.

Conditions agreed upon in delivery plan

Condition	Commentary
Consult with other Councils on SCADA	[Commentary]
Condition [ i.e. consult on water meters]	Letter drop to residents to notify and explain backflow installations and asset data collection have been undertaken to keep public informed of activities being undertaken on or near their properties.
[Condition ]	[Commentary]
[Condition]	[Commentary]
[Condition]	[Commentary]

Pre-work commencement status

Roadblock	Status	Commentary
RMA	[Select]	Piopio embankment work resolved with WRC, concrete to stay in situ, erosion control permitted activity of current consent. Work to commence in November
Building Consent	[Select]	[Commentary]
Other Consents (i.e. CARs, iwi, Heritage)	[Select]	[Commentary]
Design	Underway	New project management contractor Nueflow to review projects - Piopio WTP improvements design being reviewed. Pump Station renewals, site 1 reviewed and to commence, site 2 currently under review.
Procurement	N/A	Order placed for back-up generators, production dates confirmed, shipping could delay arrival. Arrival of equipment for critical spares and additional monitoring, some equipment still due to arrive.
Main Contract	Construction started	Backflow installations well underway with 20% installed and numbers on track. Asset data collection water points complete, wastewater to commenced. Sludge being dewatered yet to be transported to landfill

Programme costs commentary

Spend continues to track behind forecast with lockdown interruptions to onsite works at Mokau. Sludge dewatering has been impacted by level 3
LTP spend was impacted by contractor availability most significantly water supply pipe renewals and SCADA upgrades. Both of these have unspent budget

Reform funding commentary

Request to increase funding for Mokau design and installation (P2020-010) due to increased costs of installation and additional construction for site safety
[Commentary]

Scope and Progress commentary

Physical works well underway on main contracts commenced for backflow installation and Asset data collection. Mokau upgrade installation underway,
Media release will be prepared for completion of Mokau WTP upgrade combining LTP spend and TWR funds to complete this project

Quarter 5 (January 2022) Update

Top 5 Risks and Contractor Claims

Risk Name	Risk Level	Commentary
Completion of programme by 30 June 2022	[Select risk]	[Commentary]
Internal staff capacity	[Select risk]	[Commentary]
Contractor and goods availability	[Select risk]	[Commentary]
Unforeseen expenditure	[Select risk]	[Commentary]
Poor contractor performance	[Select risk]	[Commentary]
Health and Safety procedures not followed	[Select risk]	[Commentary]

Conditions agreed upon in delivery plan

Condition	Commentary
Consult with other Councils on SCADA	[Commentary]
Condition [ i.e. consult on water meters]	[Commentary]
[Condition ]	[Commentary]
[Condition]	[Commentary]
[Condition]	[Commentary]

Pre-work commencement status

Roadblock	Status	Commentary
RMA	[Select]	[Commentary]
Building Consent	[Select]	[Commentary]
Other Consents (i.e. CARs, iwi, Heritage)	[Select]	[Commentary]
Design	[Select]	[Commentary]
Procurement	[Select]	[Commentary]
Main Contract	[Select]	[Commentary]

Programme costs commentary

[Commentary on spend to date how its tracking to plan and explanations for under/over spend]
[Commentary on spend to date how its tracking to plan and explanations for under/over spend]

Reform funding commentary

[Commentary]
[Commentary]

Scope and Progress commentary commentary

[Commentary on progress during period, i.e. consents gained, work done etc... Progress towards scope and any major changes to scope]
[Any major media announcements or upcoming opportunities for media announcements, with estimated timing i.e. commencement of major works or

Quarter 6 (April 2022) Update

Top 5 Risks and Contractor Claims

Risk Name	Risk Level	Commentary
Completion of programme by 30 June 2022	[Select risk]	[Commentary]
Internal staff capacity	[Select risk]	[Commentary]
Contractor and goods availability	[Select risk]	[Commentary]
Unforeseen expenditure	[Select risk]	[Commentary]
Poor contractor performance	[Select risk]	[Commentary]
Health and Safety procedures not followed	[Select risk]	[Commentary]

Conditions agreed upon in delivery plan

Condition	Commentary
Consult with other Councils on SCADA	[Commentary]
Condition [ i.e. consult on water meters]	[Commentary]
[Condition ]	[Commentary]
[Condition]	[Commentary]
[Condition]	[Commentary]

Pre-work commencement status

Roadblock	Status	Commentary
RMA	[Select]	[Commentary]
Building Consent	[Select]	[Commentary]
Other Consents (i.e. CARs, iwi, Heritage)	[Select]	[Commentary]
Design	[Select]	[Commentary]
Procurement	[Select]	[Commentary]
Main Contract	[Select]	[Commentary]

Programme costs commentary

[Commentary on spend to date how its tracking to plan and explanations for under/over spend]
[Commentary on spend to date how its tracking to plan and explanations for under/over spend]

Reform funding commentary

[Commentary]
[Commentary]

Scope and Progress commentary commentary

[Commentary on progress during period, i.e. consents gained, work done etc... Progress towards scope and any major changes to scope]
[Any major media announcements or upcoming opportunities for media announcements, with estimated timing i.e. commencement of major works or

**Final (June 2022) Update**

**Top 5 Risks and Contractor Claims**

<b>Risk Name</b>	<b>Risk Level</b>	<b>Commentary</b>
Completion of programme by 30 June 2022	[Select risk]	[Commentary]
Internal staff capacity	[Select risk]	[Commentary]
Contractor and goods availability	[Select risk]	[Commentary]
Unforeseen expenditure	[Select risk]	[Commentary]
Poor contractor performance	[Select risk]	[Commentary]
Health and Safety procedures not followed	[Select risk]	[Commentary]

**Conditions agreed upon in delivery plan**

<b>Condition</b>	<b>Commentary</b>
Consult with other Councils on SCADA	[Commentary]
Condition [ i.e. consult on water meters]	[Commentary]
[Condition ]	[Commentary]
[Condition]	[Commentary]
[Condition]	[Commentary]

**Pre-work commencement status**

<b>Roadblock</b>	<b>Status</b>	<b>Commentary</b>
RMA	[Select]	[Commentary]
Building Consent	[Select]	[Commentary]
Other Consents (i.e. CARs, iwi, Heritage)	[Select]	[Commentary]
Design	[Select]	[Commentary]
Procurement	[Select]	[Commentary]
Main Contract	[Select]	[Commentary]

**Programme costs commentary**

[Commentary on spend to date how its tracking to plan and explanations for under/over spend]
[Commentary on spend to date how its tracking to plan and explanations for under/over spend]

**Reform funding commentary**

[Commentary]
[Commentary]

**Scope and Progress commentary commentary**

[Commentary on progress during period, i.e. consents gained, work done etc... Progress towards scope and any major changes to scope]
[Any major media announcements or upcoming opportunities for media announcements, with estimated timing i.e. commencement of major works or

Three Waters Stimulus Funding - LTP information collection

LTP information				Actual LTP Spend																					
		FY19/20 Actual	FY20/21 Plan	FY21/22 Plan	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	
<b>Water Supply</b>																									
Potable water mains / pipes upgraded / renewed or new	\$NZ'm	0.02	0.18	0.32	0.0796	0.0000	0.0000	0.0000	0.0000	-0.0015	0.0017	0.0060	0.0000	0.00	0.00										
Water pipe inspections	\$NZ'm	0.00	0.00	0.00																					
Leak detection	\$NZ'm	0.00	0.00	0.00																					
Water Treatment Plant upgrades	\$NZ'm	0.12	0.43	0.09	0.05	0.03	0.00	0.17	0.03	0.00	0.00	0.10	0.00	0.00	0.02										
Pump station upgrades	\$NZ'm	0.00	0.00	0.00																					
Bore upgrades	\$NZ'm	0.00	0.00	0.00																					
New water source added	\$NZ'm	0.00	0.00	0.00																					
Raw water storage	\$NZ'm	0.00	0.00	0.00																					
Treated water storage (refurbished or new)	\$NZ'm	0.00	0.00	0.00																					
Boundary backflow preventors	\$NZ'm	0.08	0.06	0.06	0.05	0.03	0.00	0.00	0.03	0.00	0.02	-0.02	0.00	0.00	0.00										
Water meters installed	\$NZ'm	0.00	0.00	0.00																					
Water filling station	\$NZ'm	0.00	0.00	0.00																					
Water security / fencing	\$NZ'm	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00										
Other	\$NZ'm	0.00	0.00	0.00																					
<b>Total Water Supply</b>		<b>0.22</b>	<b>0.68</b>	<b>0.46</b>	<b>0.19</b>	<b>0.06</b>	<b>0.00</b>	<b>0.17</b>	<b>0.06</b>	<b>0.01</b>	<b>0.03</b>	<b>0.0821</b>	<b>-</b>	<b>0.00</b>	<b>0.02</b>	<b>-</b>									
<b>Wastewater</b>																									
Wastewater pipes upgraded / renewed or new	\$NZ'm	0.00	0.00	0.00																					
Wastewater pipe inspections	\$NZ'm	0.00	0.00	0.00																					
Sludge removal from ponds #	\$NZ'm	0.01	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00										
Pump station upgrades	\$NZ'm	0.04	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00										
Wastewater Treatment Plant upgrades	\$NZ'm	0.04	0.04	0.01	0.00940	0.00000	0.00000	0.01283	0.00185	-0.00201	0.00405	0.00646	0.00	0.00	0.01										
Other	\$NZ'm																								
<b>Total Wastewater</b>		<b>0.09</b>	<b>0.10</b>	<b>0.08</b>	<b>0.02</b>	<b>0.00</b>	<b>-</b>	<b>0.02</b>	<b>0.01</b>	<b>-</b>	<b>0.00</b>	<b>0.01</b>	<b>-</b>	<b>0.00</b>	<b>0.01</b>	<b>-</b>									
<b>Storm</b>																									
Stormwater pipe inspections	\$NZ'm	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00													
Stormwater pipes upgraded / renewed or new	\$NZ'm	0.03	0.13	0.13	0.01	0.00	0.00	0.01	0.04	0.00	0.001	0.00	0.00	0.00	0.00										
Stormwater treatment	\$NZ'm	0.00	0.00	0.00																					
Other	\$NZ'm																								
<b>Total Storm</b>		<b>0.03</b>	<b>0.13</b>	<b>0.13</b>	<b>0.01</b>	<b>0.00</b>	<b>-</b>	<b>0.01</b>	<b>0.04</b>	<b>-</b>	<b>0.00</b>	<b>0.00</b>	<b>-</b>	<b>-</b>	<b>0.001</b>	<b>-</b>									
<b>Other</b>																									
Asset data and GIS improvements/update/maintenance	\$NZ'm	0.00	0.00	0.02									0.00	0.00	0.00										
SCADA upgrades or new	\$NZ'm	0.01	0.07	0.05	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00										
Hydraulic modelling of network	\$NZ'm																								
Strategy Study or Report	\$NZ'm																								
Co-ordination initiatives undertaken	\$NZ'm																								
Preparation for Reform	\$NZ'm																								
Programme management	\$NZ'm																								
<b>Total Other</b>		<b>0.01</b>	<b>0.07</b>	<b>0.06</b>	<b>-</b>	<b>0.03</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total</b>	<b>\$NZ'm</b>	<b>0.35</b>	<b>0.982</b>	<b>0.72</b>	<b>0.21</b>	<b>0.09</b>	<b>0.00</b>	<b>0.20</b>	<b>0.11</b>	<b>0.00</b>	<b>0.03</b>	<b>0.09</b>	<b>-</b>	<b>0.00</b>	<b>0.03</b>	<b>-</b>									
											<b>0.738</b>	<b>75.2%</b>													