**Document No:** A585823

**Report To:** Council

Waitomo District 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.



**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 KEY Primary/forecast inputs Territorial Authority Waitomo District Council Actuals inputs Project Manager Charmaine Ellery Territorial Code WKT-09 07 878 0849 Spend = Cost Funding exceeds spend Phone Cofunding check Oct-21 Quarter 4 Reporting date Upfront funding Too much upfront allocated Lead Engineer Reporting period David Locke Final payments Not all final allocated Email 07 878 0831 3.50 Too much project funding a Phone Not all capex/opex/other allocated Total funding allocated Total Crown funding Total cofunding Capex/Opex Total estimated programme costs 3.50 Cash position One or more projects have a negative cash position Upfront payment Total final payments 0.04 1.71 Milestone payment total Project Inputs 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 Nov-20 Total Forecast Forecast Forecast Forecast Forecast Forecast Forecast Actual TWR Security of supply P2020-001 Project Type WATER - Water security / fencing Start date Dec-20 Capex Dec-21 0.04 End date Opex N/A Total upfront payment 0.00 Check Total final payment 0.07 Total project spend Total project funding 0.08 Check 0.01 Project Spend Spend from Crown funding \$N7'm 0.065146 Spend from cofunding \$NZ'm 0.07 Total project spend \$NZ'm Project Funding \$NZ'm 0.04 Upfront payment portion Crown funding required \$NZ'm 0.04 Cofunding required \$NZ'm \$NZ'm Final payment portion Total project funding 0.08 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 Opening cash position Project spend \$NZ'm (0.01) (0.02) (0.01) (0.00)(0.01)(0.02)Project funding \$NZ'm 0.04 0.02 0.02 Ok Closing 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 Worker hours 460.00 Hours Length (metres) # or % 250.00 300.00 450.00 750.00 1,830.00 N/A # or % N/A # or % TWR Critical spares WTP P2020-002 2 Project Name WATER - Water Treatment Plant upgrades Project Type Start date Mar-22 0.08 End date Opex N/A Total upfront payment 0.00 Total final payment Check Total project spend 0.15 Total project funding 0.15 Check Project Spend 0.15 Spend from Crown funding \$NZ'm Spend from cofunding \$NZ'm 0.15 Total project spend \$NZ'm Project Funding Upfront payment portion \$NZ'm 0.08 0.08 Crown funding required \$NZ'm 0.07 Cofunding required \$NZ'm Final payment portion Total project funding 0.15 Cash position 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 0.06 0.01 Opening cash position 0.08 0.06 \$NZ'm (0.01) (0.06)(0.04)(0.05)0.04 0.04 Project funding \$N7'm 0.08 0.00 0.08 0.08 0.08 0.08 0.08 0.11 0.05 0.09 0.09 0.09 0.06 0.01 0.01 Ok Closing cash position 0.08 0.08 0.09 \$NZ'm 0.08 0.12 0.09 0.06 Worker hours Number of WTP upgrades # # or % Physical works % complete # or % 0.10 0.50 0.30 0.30 1.20 m3/day processing capacity

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3 Project Name Project Type	TWR Additional monitoring ca WATER - Water Treatment Pla		3																				
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End date	Feb-22	Capex Opex	0.05																				
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Physical works % complete	# or %																						
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tal upfront payment tal final payment tal final payment tal project spend tal project funding teck  object Spend Spend from Crown funding Spend from cofunding Total project spend  Diject Funding Upfront payment portion Crown funding required Cofunding required Final payment portion Total project funding  Ish position Opening cash position Project spend	0.38 0.01 0.75 0.75 0.75  \$NZ'm	Opex N/A	0.38 0.38		-		0.05 - - - 0.38 (0.05)	0.01 - - - 0.33 (0.01)	0.01 - - - 0.32 (0.01)	0.02 - - - 0.31 (0.02)	0.04 0.1875 - 0.19 0.29 (0.04)	0.04	0.09 - - - 0.40 (0.09)	0.15 0.1800 	0.15 - - - 0.34 (0.15)	0.06 - - - 0.19 (0.06)	0.06 - - - 0.13 (0.06)	0.08 0.01 0.01 0.07 (0.08)				- - - -	0.
tal upfront payment tal final payment tal final payment tal project spend tal project funding eck  Diect Spend Spend from Crown funding Spend from cofunding Total project spend  Diject Funding Upfront payment portion Crown funding required Cofunding required Final payment portion Total project funding sh position Project spend  Project spend Project funding	0.38 0.01 0.75 0.75 0.75  \$NZ'm	Opex N/A	0.38 0.38	0.38	0.38 - -	0.38	0.05 - - 0.38 (0.05)	0.01	0.01	0.02	0.04 0.1875 0.19 0.29 (0.04) 0.19	0.04	0.09	0.15 0.1800 0.18 0.31 (0.15) 0.18	0.15	0.06	0.06 - - - 0.13 (0.06)	0.08 0.01 0.01 0.07 (0.08) 0.01		-	-	-	0.
tal upfront payment tal final payment tal final payment tal project spend tal project funding eck  Diect Spend Spend from Crown funding Spend from cofunding Total project spend  Diect Funding Upfront payment portion Crown funding required Cofunding required Final payment portion Total project funding  Sh position Project spend  Project funding Project funding	0.38 0.01 0.75 0.75 0.75  \$NZ'm	Opex N/A	0.38 0.38	0.38	0.38	0.38	0.05 - - - 0.38 (0.05)	0.01 - - - 0.33 (0.01)	0.01 - - - 0.32 (0.01)	0.02 - - - 0.31 (0.02)	0.04 0.1875 - 0.19 0.29 (0.04)	0.04	0.09 - - - 0.40 (0.09)	0.15 0.1800 	0.15 - - - 0.34 (0.15)	0.06 - - - 0.19 (0.06)	0.06 - - - 0.13 (0.06)	0.08 0.01 0.01 0.07 (0.08)		-	-	-	0.
tal upfront payment tal final payment tal final payment tal project spend tal project funding eck  Diect Spend Spend from Crown funding Spend from cofunding Total project spend  Diect Funding Upfront payment portion Crown funding required Cofunding required Final payment portion Total project funding sh position Opening cash position Project spend	0.38 0.01 0.75 0.75 0.75  \$NZ'm	Opex N/A	0.38 0.38	0.38	0.38 - -	0.38	0.05 - - 0.38 (0.05)	0.01	0.01	0.02	0.04 0.1875 0.19 0.29 (0.04) 0.19	0.04	0.09	0.15 0.1800 0.18 0.31 (0.15) 0.18	0.15 - - 0.34 (0.15) - 0.19	0.06	0.06 - - - 0.13 (0.06)	0.08 0.01 0.01 0.07 (0.08) 0.01	- - -	- - -	- - -	-	0.
tal upfront payment tal final payment tal final payment tal final payment tal project spend tal project funding eck  Diect Spend Spend from Crown funding Spend from cofunding Total project spend  Diect Funding Upfront payment portion Crown funding required Cofunding required Final payment portion Total project funding  Sh position Opening cash position Project funding Closing cash position	0.38 0.01 0.75 0.75 0.75  \$NZ'm	Opex N/A	0.38 0.38	0.38	0.38 - -	0.38	0.05 0.38 (0.05)	0.01 - - 0.33 (0.01) - 0.32	0.01 - - 0.32 (0.01) - 0.31	0.02	0.04 0.1875 0.19 0.29 (0.04) 0.19 0.44	0.04 - - 0.44 (0.04) - 0.40	0.09 - 0.40 (0.09) - 0.31	0.18 0.1800 0.18 0.31 (0.15) 0.18 0.34	0.15 - - 0.34 (0.15) - 0.19	0.06 - - 0.19 (0.06)	0.06 - 0.13 (0.06) - 0.07	0.08 0.01 0.01 0.07 (0.08) 0.01	- - -	- - -	- - -	-	0.

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 Actual Forecast Forecast

		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	
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	
roject Name roject Type	TWR WTP Piopio Improvements P2 WATER - Water Treatment Plant up																					
art date	Nov-21 Ca																					
d date	Mar-22 Op	ex																				
al upfront payment al final payment	0.03 N/A 0.00 Che		2]																			
tal project spend	0.05																					
tal project funding	0.05																					
eck																						
ject Spend Spend from Crown funding	\$NZ'm														0.01	0.01	0.01	0.02				
Spend from cofunding	\$NZ'm														0.04	0.04	0.04	0.02				
otal project spend	\$NZ'm			-	-	-	-	-	-	-	-	-	-		0.01	0.01	0.01	0.02	-	-	-	
ject Funding	\$NZ'm		_																			
Jpfront payment portion Crown funding required	\$NZ'm \$NZ'm	0.03	<u> </u>						г						1	0.02						
Cofunding required	\$NZ'm															0.02						
Final payment portion	\$NZ'm				- '	- '	- '	- '	- '		-	-	-		-		- '		-	-	-	
otal project funding	\$NZ'm	0.03	-	=	-	-	=	-	-	=	-	-	=	-	-	0.02	=	0.00	=	-	=	
sh position 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	0.03	0.03	0.03	0.02	0.03	0.02	_	_	-	
Project spend	\$NZ'm			-	-	-	-	-	-	-	-	-		-	(0.01)	(0.01)	(0.01)	(0.02)		-	-	
Project funding Closing cash position	\$NZ'm \$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	0.02 0.03	0.02	0.00		<u>-</u>	-	
rker hours	Hours														80.00	80.00	80.00	160.00				
mber of WTP upgrades #	# or %																					
ysical works % complete //day processing capacity	# or % # or %			-						-					0.20	0.20	0.20	0.40				
oject Name	TWR Piopio water supply intake im	provements P2020-008						'		'			'	'		'	'	'				
oject Type	WATER - Water Treatment Plant up																					
art date	Apr-21 Caj		5																			
		X																				
d date	Dec-21 Op																					
d date al upfront payment	Dec-21 Ope 0.03 N/A 0.00 Che		<u> </u>																			
d date al upfront payment al final payment al project spend	0.03 0.00 Che		K																			
l date al upfront payment al final payment al project spend al project funding	0.03 N/A 0.00 Che 0.05 0.05		K																			
date al upfront payment al final payment al frial payment al project spend al project funding ack	0.03 0.00 Che		K																			
d date al upfront payment al final payment al project spend al project funding eck eck	0.03 0.00 0.05 0.05 -		K										0.008		0.043							
d date al upfront payment al final payment al project spend al project funding eck  spend from Crown funding Spend from Counting	0.03 0.00 0.05 0.05 - \$NZ'm \$NZ'm	eck O																				
date al upfront payment al final payment al project spend al project funding ck lect Spend pend from Crown funding pend from cofunding	0.03 0.00 0.05 0.05 -	eck O					-	-			-	-		-		-			-	-		
I date al upfront payment al final payment al project spend al project funding eck  ject Spend spend from Crown funding spend from cofunding cotal project spend	0.03 0.00 0.05 0.05 	ock O			-	-	-	-	-	-		-		-				_	-	-	_	
d date tal upfront payment tal final payment tal project spend tal project funding eck  Diect Spend Spend from Crown funding Spend from cofunding Total project spend	0.03 0.00 0.05 0.05 - \$NZ'm \$NZ'm \$NZ'm	eck O		-	-	-	-	-				-	0.01	-		-	-		-	-	-	
d date al upfront payment al project spend al project funding eck eject Spend Spend from Crown funding Spend from cofunding Fotal project spend Dject Funding Upfront payment portion Crown funding required	0.03 0.00 0.05 0.05 	ock O		-		-	-		-		-	-		-		-	-	-	-	-	-	
d date al upfront payment al final payment al project spend al project funding eck  blect Spend Spend from Crown funding Spend from cofunding Fotal project spend  Diffect Funding  Joffront payment portion Crown funding required Cofunding required Cofunding required Cofunding required Cofunding required Cofunding required	0.03 0.00 0.05 0.05 0.05  \$NZ'm	0.03		-	-	-	-	-	-	-	-	_	0.01		0.04	-	-	-	-	-	-	
d date al upfront payment al final payment al final payment al project spend al project funding eck  spend from Crown funding spend from cofunding fotal project spend  Diect Funding  Upfront payment portion Drown funding required Cofunding required Final payment portion Fotal project funding  Total project funding  Diect Funding  Country  Coun	0.03 0.00 0.05 0.05 0.05  \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm	0.03							-				0.01		0.04		-	-	-	-		
d date tal upfront payment tal final payment tal final payment tal project spend tal project funding eck  Dject Spend Spend from Crown funding Spend from cofunding Total project spend  Dject Funding Upfront payment portion Crown funding required Cofunding required Final payment portion Total project funding Sh position	0.03 0.00 0.05 0.05 0.05  \$NZ'm	0.03		-		- -	- -		-	-		:	0.01		0.00	- -	-			<u>-</u>	- 0.01	
d date tal upfront payment tal final payment tal final payment tal project spend tal project funding teck  Diect Spend Spend from Crown funding Spend from Cofunding Total project spend  Diject Funding Upfront payment portion Crown funding required Cofunding required Final payment portion Total project funding  Upfront payment portion Total project funding Upfront payment portion Total project funding Upfront payment portion Total project funding Upfront payment portion Total project funding Upfront payment portion Total project funding Upfront payment portion Total project funding Upfront payment portion Total project funding	0.03 0.00 0.05 0.05 0.05  \$NZ'm	0.03	0.03						0.03			_	0.01		0.04	0.01		- 0.01		- 0.01	- 0.01	

Hours # or % # or % # or %

Worker hours Number of WTP upgrades # Physical works % complete m3/day processing capacity

30.00

30.00

80.00

50%

160.00

50%

300.00 100% -

			Nov. 20	Dan 20	lan 21	Fab 21	NA== 24	A 24	May 24	l 21	Jul-21	A 21	Cam 21	Oct-21	Nov-21	Dec-21	Jan-22	Fab 22	May 22	A 22	N/a 22	lum 22-	
			Nov-20 Actual	Dec-20 Actual	Jan-21 Actual	Feb-21 Actual	Mar-21 Actual	Apr-21 Actual	May-21 Actual	Jun-21 Actual	Actual	Aug-21 Actual	Sep-21 Actual				Forecast	Feb-22 Forecast	Mar-22 Forecast	Apr-22 Forecast	May-22 Forecast	Jun-22 Forecast	To
Project Name	TWR Maniaiti Benneydale UV in	nstall P2020-0	09																				
oject Type	WATER - Water Treatment Plant	t upgrades																					
art date	Mar-22	Capex Opex	0.03																				
al upfront payment al final payment		N/A Check	Ok																				
tal project spend tal project funding eck	0.03 0.03																						
ject Spend Spend from Crown funding	\$NZ'm																	0.01	0.02				
pend from cofunding	\$NZ'm																						
otal project spend	\$NZ'm		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01	0.02	-	-	-	
ject Funding	\$NZ'm																						
pfront payment portion rown funding required	\$NZ'm \$NZ'm		0.02				1		1	Г							0.01						
Cofunding required	\$NZ'm																0.01						
inal payment portion	\$NZ'm		-	-	-	-	-	-		-	-		-	-	-	-		-	0.00	-	-	-	
Total project funding	\$NZ'm		0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01	-	0.00	-	-	-	
sh position																							
Opening cash position Project spend	\$NZ'm \$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	0.03 (0.01)	0.02 (0.02)		-	-	
Project spend Project funding	\$NZ'm		0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01	(0.01)	0.00	-	-	-	
Closing cash position	\$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	-	-	-	=	
ker hours	Hours																	40.00	80.00				
nber of WTP upgrades #	# or % # or %																	0.33	0.67				
day processing capacity	# or %																	0.33	0.07				
ject Name	TWR Mokau WTP upgrade design	on and install	I P2020-010							'													
ject Type	WATER - Water Treatment Plant																						
t date		Capex Opex	0.22																				
al upfront payment		N/A																					
tal final payment		Check	(0.01)																				
tal project spend	0.21																						
al project funding eck	0.22 0.01																						
ject Spend																							
Spend from Crown funding	\$NZ'm							0.001115		0.10506	-	0.000721	0.003310	0.01	0.06	0.03							
Spend from cofunding	\$NZ'm																						

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																						<u> </u>
Total project spend	\$NZ'm	-	-	=	-		0.00	-	0.11	-	0.00	0.00	0.01	0.06	0.03	-	-	•	-	-	=	-	0.214903
Project Funding	\$NZ'm																						
Upfront payment portion	\$NZ'm	0.108																					0.11
Crown funding required	\$NZ'm						0.054			0.054	1												0.11
Cofunding required	\$NZ'm																						-
Final payment portion	\$NZ'm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total project funding	\$NZ'm	0.11	-	-	-	-	0.05	-	-	0.05	-	-	-	-	-	-	-	-	-	-	-	-	0.215000
Cash position																							
Opening cash position	\$NZ'm	-	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 spend	\$NZ'm	-	-	-	-	-	(0.00)	-	(0.11)	-	(0.00)	(0.00)	(0.01)	(0.06)	(0.03)	-	-	-	-	-	-	-	
Project funding	\$NZ'm	0.11	-	-	-	-	0.05	-	-	0.05	-	-	-	-	-	-	-	-	-	-	-	-	
Closing cash position	\$NZ'm	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	-	-	-	-	-	-	-	-	Ok
Worker hours	Hours						4.00		507.00		3.00	18.00	400.00	600.00	100.00								1,632.00
Number of WTP upgrades #	# or %																						-
Physical works % complete	# or %								0.25				0.25	0.40	0.10								100%
m3/day processing capacity	# or %																						-

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		Nov-20 Actual	Dec-20 Actual	Jan-21 Actual	Feb-21 Actual	Mar-21 Actual	Apr-21 Actual	May-21 Actual	Jun-21 Actual	Jul-21 Actual	Aug-21 Actual	Sep-21 Actual		Nov-21 Forecast	Dec-21 Forecast	Jan-22 Forecast	Feb-22 Forecast	Mar-22 Forecast	Apr-22 Forecast	May-22 Forecast	Jun-22 Forecast	Total
11 Project Name	TWR Mokau WTP backwash treatment																					
Project Type	WATER - Water Treatment Plant upgrad		=7																			
Start date End date Total upfront payment Total final payment Total project spend Total project funding Check	Mar-21   Capex   Opex   Opex   N/A   Check   O.15   O.15	0.1 C																				
Project Spend Spend from Crown funding	\$NZ'm												0.05	0.08	0.03							0.15
Spend from cofunding Total project spend	\$NZ'm \$NZ'm			-	-		-		-	-	-	-	0.05	0.08	0.03	-	-	-	-	-	-	0.15
Project Funding Upfront payment portion	\$NZ'm \$NZ'm	0.0	В												_							0.08
Crown funding required Cofunding required	\$NZ'm \$NZ'm									0.04			0.04									0.07
Final payment portion  Total project funding	\$NZ'm \$NZ'm	0.0	 8 -	-	-	-	-	-	-	0.04	-	-	0.04	-	0.00	-	-	-	-	-	-	0.00 0.15
Cash position Opening cash position Project spend	\$NZ'm \$NZ'm		- 0.08		0.08	0.08	0.08	0.08	0.08	0.08	0.12	0.12	0.12 (0.05)	0.11 (0.08)	0.03 (0.03)	0.01	0.01	0.01	0.01	0.01	0.01	
Project funding  Closing cash position	\$NZ'm \$NZ'm	0.0 <b>0.0</b>		0.08	0.08	0.08	0.08	0.08	0.08	0.04 <b>0.12</b>	0.12	0.12	0.04 <b>0.11</b>	0.03	0.00 <b>0.01</b>	0.01	0.01	0.01	0.01	0.01	0.01	Ok
Worker hours Number of WTP upgrades #	Hours # or %												100.00	300.00	100.00							500.00
Physical works % complete m3/day processing capacity	# or % # or %												0.25	0.50	0.25							1.00
12 Project Name Project Type	TWR Water and wastewater planning a PRGRM - Programme management	nd design P2020-012																				
Start date End date	Mar-21 N/A Dec-21 N/A	0.1	0																			
End date Total upfront payment Total final payment Total project spend Total project funding Check  Project Spend Spend from Crown funding	Dec-21 N/A Other/F Check 0.10 0.10	eform			0.0139610	0.0101210	0.0094670	0.0101070	0.0118650	-			-	0.02	0.02							0.10
End date Total upfront payment Total final payment Total project spend Total project funding Check Project Spend	Dec-21	eform C		-	0.0139610	0.0101210	0.0094670	0.0101070	0.0118650	-	-	-	-	0.02	0.02	-	-	-		-		0.10 - 0.10
End date Total upfront payment Total final payment Total project spend Total project funding Check  Project Spend Spend from Crown funding Spend from cofunding Total project spend  Project Funding Upfront payment portion	Dec-21	eform C		-			0.01	0.01			-	<u>-</u>	-					·				0.10
End date Total upfront payment Total final payment Total project spend Total project funding Check  Project Spend Spend from Crown funding Spend from cofunding Total project spend  Project Funding Upfront payment portion Crown funding required Cofunding required	Dec-21	0.0		-	0.01	0.01	0.01	0.01	0.01		-	-	-	0.02	0.02						-	0.10 0.05 0.05
End date Total upfront payment Total final payment Total project spend Total project funding Check  Project Spend Spend from Crown funding Spend from cofunding Total project spend  Project Funding Upfront payment portion Crown funding required	Dec-21	0.0		_	0.01	0.01	0.01	0.01	0.01		-	-	-		0.02	-	-	-		-	-	0.10
End date Total upfront payment Total final payment Total project spend Total project funding Check  Project Spend Spend from Crown funding Spend from cofunding Total project spend  Project Funding Upfront payment portion Crown funding required Cofunding required Final payment portion	Dec-21	0.0 0.0		0.05	0.01	0.01	0.01	0.01	0.01	0.05		-	- 0.05	0.02	0.02	-	0.01	- 0.01				0.10 0.05 0.05 -
End date Total upfront payment Total final payment Total project spend Total project funding Check  Project Spend Spend from Crown funding Spend from cofunding Total project spend  Project Funding Upfront payment portion Crown funding required Cofunding required Final payment portion Total project funding  Cash position Opening cash position	Dec-21	0.0 0.0	5 5 - 0.05 5	0.05	0.01 - - 0.05 (0.01)	0.01	0.01 0.05 0.05	0.01	0.01	0.05	0.05	- 0.05	0.05	0.02	0.02 0.00 0.00 0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.10 0.05 0.05 -
End date Total upfront payment Total final payment Total project spend Total project funding Check  Project Spend Spend from Crown funding Spend from cofunding Total project spend  Project Funding Upfront payment portion Crown funding required Cofunding required Final payment portion Total project funding  Cash position Opening cash position Project spend Project funding	Dec-21	0.0 0.0	5 5 - 0.05 5	0.05	0.01 - - 0.05 (0.01)	0.01	0.01 0.05 0.05 0.03 (0.01) 0.05	0.01 - - 0.07 (0.01) - 0.06 62.25	0.01 - 0.06 (0.01) - 0.05	0.05	0.05 - - 0.05	0.05	0.05	0.02 - - 0.05 (0.02)	0.02 0.00 0.00 0.03 (0.02) 0.00	0.01	0.01 - -	0.01 - -	0.01	0.01 - -	0.01 - -	0.05 0.05 0.05 0.00 0.10

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			Nov-20 Actual	Dec-20 Actual	Jan-21 Actual	Feb-21 Actual	Mar-21 Actual	Apr-21 Actual	May-21 Actual	Jun-21 Actual	Jul-21 Actual	Aug-21 Actual	Sep-21 Actual	Oct-21 Forecast	Nov-21 Forecast	Dec-21 Forecast	Jan-22 Forecast	Feb-22 Forecast	Mar-22 Forecast	Apr-22 Forecast	May-22 Forecast	Jun-22 Forecast	Total
13 Project Name	TWR Back-up Power supplies WTPs I	P2020-013																					
Project Type	WATER - Water Treatment Plant upgr																						
Start date End date Total upfront payment Total final payment Total project spend Total project funding Check	Feb-21 Capes Feb-22 Opex 0.17 N/A 0.00 Check 0.33 0.34 0.01		(0.01)																				
Project Spend Spend from Crown funding	\$NZ'm \$NZ'm	F							0.004983						0.084000	0.049000		0.056000		0.112000	0.028000		0.333983
Spend from cofunding Total project spend	\$NZ'm \$NZ'm		-	-	-	-	-	-	0.00	-	-	-	-	-	0.08	0.05	-	0.06	-	0.11	0.03	-	0.33
Project Funding Upfront payment portion Crown funding required	\$NZ'm \$NZ'm \$NZ'm		0.17	Г			ı		1	Г				0.08			0.08						0.17 0.17
Cofunding required Final payment portion	\$NZ'm \$NZ'm				_			_	-		_		_		-			0.00		_		_	0.00
Total project funding	\$NZ'm		0.17	-	-	-	-	-	-	-	-	-	-	0.08	-	-	0.08	0.00	-	-	-	-	0.34
Cash position Opening cash position Project spend	\$NZ'm \$NZ'm		-	0.17	0.17	0.17	0.17	0.17	0.17 (0.00)	0.17	0.17	0.17	0.17	0.17	0.25 (0.08)	0.17 (0.05)	0.12	0.20 (0.06)	0.15	0.15 (0.11)	0.04 (0.03)	0.01	
Project funding  Closing cash position	\$NZ'm \$NZ'm		0.17 <b>0.17</b>	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.08 <b>0.25</b>	0.17	0.12	0.08 <b>0.20</b>	0.00 <b>0.15</b>	0.15	0.04	0.01	0.01	Ok
Worker hours Number of WTP upgrades #	Hours # or %	F							20.00											400.00	200.00		620.00 4.00
Nullibel of Wir upgrades #	# UI /0																						
Physical works % complete m3/day processing capacity	# or % # or %	F																		3.00	1.00		-
Physical works % complete m3/day processing capacity 14 Project Name	# or %  TWR Te Kuiti WWTP Sludge press lift																			3.00	1.00		-
Physical works % complete m3/day processing capacity  14 Project Name Project Type	# or %  TWR Te Kuiti WWTP Sludge press lift WASTE - Wastewater Treatment Plant	t upgrades																		3.00	1.00		-
Physical works % complete m3/day processing capacity 14 Project Name	# or %  TWR Te Kuiti WWTP Sludge press lift	t upgrades																		3.00	1.00		-
Physical works % complete m3/day processing capacity  14 Project Name Project Type  Start date End date Total upfront payment Total final payment Total project spend Total project funding Check  Project Spend	# or %  TWR Te Kuiti WWTP Sludge press lift WASTE - Wastewater Treatment Plant  Mar-21	t upgrades	0.02												0.0000	0.00500	0.00500			3.00	1.00		-
Physical works % complete m3/day processing capacity  14 Project Name Project Type  Start date End date Total upfront payment Total final payment Total project spend Total project funding Check  Project Spend Spend from Crown funding Spend from cofunding	# or %  TWR Te Kuiti WWTP Sludge press lift WASTE - Wastewater Treatment Plant  Mar-21	t upgrades	0.02												0.00800	0.00500	0.00500			3.00	1.00		0.01800
Physical works % complete m3/day processing capacity  14 Project Name Project Type  Start date End date Total upfront payment Total final payment Total project spend Total project funding Check  Project Spend Spend from Crown funding	TWR Te Kuiti WWTP Sludge press lift WASTE - Wastewater Treatment Plant  Mar-21 Feb-22 0,001 0,00 0,00 0,02 0,02 - \$NZ'm	t upgrades	0.02					-		-					0.00800	0.00500	0.00500	-		-	-		-
Physical works % complete m3/day processing capacity  14 Project Name Project Type  Start date End date Total upfront payment Total project spend Total project spend Total project funding Check  Project Spend Spend From Crown funding Spend from Crown funding Total project spend  Project Funding Upfront payment portion Crown funding required	# or %  TWR Te Kuiti WWTP Sludge press lift WASTE - Wastewater Treatment Plant  Mar-21 Feb-22	t upgrades	0.02	-	-	-	-	-	-	-	-			0.01	0.01			-	-	-	-		0.01800 - 0.02
Physical works % complete m3/day processing capacity  14 Project Name Project Type  Start date End date Total upfront payment Total final payment Total project spend Total project funding Check  Project Spend Spend from Crown funding Spend from cofunding Total project spend  Project Funding Upfront payment portion Crown funding required Cofunding required Final payment portion	# or %  TWR Te Kuiti WWTP Sludge press lift WASTE - Wastewater Treatment Plant  Mar-21	t upgrades	0.02		-	-	-	-	-	-	-			-	0.01			0.00		-	-		0.01800 - 0.02
Physical works % complete m3/day processing capacity  14 Project Name Project Type  Start date End date Total upfront payment Total project spend Total project funding Check  Project Spend Spend Grown funding Spend from Crown funding Spend from cofunding Total project spend  Project Funding Upfront payment portion Crown funding required Cofunding required Final payment portion Total project funding	# or %  TWR Te Kuiti WWTP Sludge press lift WASTE - Wastewater Treatment Plant  Mar-21	t upgrades	0.02	-	-	-	-	-		-			-	-	0.01	0.01	0.01	I	-	-	-	· ·	0.01800 - 0.02
Physical works % complete m3/day processing capacity  14 Project Name Project Type  Start date End date Total upfront payment Total final payment Total project spend Total project funding Check  Project Spend Spend from Crown funding Spend from cofunding Total project spend  Project Funding Upfront payment portion Crown funding required Cofunding required Final payment portion Total project funding  Cash position Opening cash position Project spend	# or %  TWR Te Kuiti WWTP Sludge press lift WASTE - Wastewater Treatment Plant  Mar-21	t upgrades	0.02 (0.00)	-										0.01	0.01	0.01	0.01	0.00 0.00		-	-	0.01	0.01800 - 0.02
Physical works % complete m3/day processing capacity  14 Project Name Project Type  Start date End date Total upfront payment Total final payment Total project spend Total project funding Check  Project Spend Spend from Crown funding Spend from cofunding Total project spend  Project Funding Upfront payment portion Crown funding required Cofunding required Final payment portion Total project funding  Cash position Opening cash position	# or %  TWR Te Kuiti WWTP Sludge press lift WASTE - Wastewater Treatment Plant  Mar-21	t upgrades	0.02	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	0.00 <b>0.00</b>	0.01				0.01800 - 0.02
Physical works % complete m3/day processing capacity  14 Project Name Project Type  Start date End date Total upfront payment Total project spend Total project spend Total project funding Check  Project Spend Spend Grown funding Spend from Crown funding Spend from cofunding Total project spend  Project Funding Upfront payment portion Crown funding required Cofunding required Final payment portion Total project funding  Cash position Opening cash position Project spend Project funding Closing cash position  Worker hours	# or %  TWR Te Kuiti WWTP Sludge press lift WASTE - Wastewater Treatment Plant  Mar-21 Feb-22 Opex 0.01 N/A 0.00 Check 0.02 0.02  \$NZ'm	t upgrades	0.02 (0.00)	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	0.00 0.00 0.01 - 0.00	0.01 - -	0.01	0.01	-	0.01800 - 0.02 0.01 0.01 0.01 0.00
Physical works % complete m3/day processing capacity  14 Project Name Project Type  Start date End date Total upfront payment Total final payment Total project spend Total project funding Check  Project Spend Spend from Crown funding Spend from cofunding Total project spend  Project Funding Upfront payment portion Crown funding required Cofunding required Final payment portion Total project funding  Cash position Opening cash position Project spend Project funding Closing cash position	# or %  TWR Te Kuiti WWTP Sludge press lift WASTE - Wastewater Treatment Plant  Mar-21	t upgrades	0.02 (0.00)	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) - 0.01	0.00 0.00 0.01 - 0.00	0.01 - -	0.01	0.01	-	0.01800 - 0.02 0.01 0.01 0.01 - 0.00 0.02

ro				

			Nov-20 Actual	Dec-20 Actual	Jan-21 Actual	Feb-21 Actual	Mar-21 Actual	Apr-21 Actual	May-21 Actual	Jun-21 Actual	Jul-21 Actual	Aug-21 Actual	Sep-21 Actual	Oct-21 Forecast		Dec-21 Forecast	Jan-22 Forecast	Feb-22 Forecast	Mar-22 Forecast		May-22 Forecast	Jun-22 Forecast	Total
15 Project Name Project Type	TWR Te Kuiti WWTP Sludge por WASTE - Sludge removal from p																						
Start date		Capex																					
End date Total upfront payment	0.04	Opex [ N/A	0.085																				
Total final payment Total project spend	0.00	Check	Ok																				
Total project funding Check	0.09																						
Project Spend																							
Spend from Crown funding	\$NZ'm	[										0.0019	0.0076	0.0085	0.0085	0.0080	0.0079	0.0085	0.0085	0.0085	0.0085	0.0085	0.0850
Spend from cofunding  Total project spend	\$NZ'm \$NZ'm		-	-	-	-	-		-	-	-	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.084959
Project Funding Upfront payment portion	\$NZ'm \$NZ'm	Γ	0.0425																				0.04
Crown funding required Cofunding required	\$NZ'm \$NZ'm	ı												0.0213			0.0213						0.04
Final payment portion	\$NZ'm	L	-	-	-	- '	- '		-	-	-	-	-	-		-	-	-	-		-	-	
Total project funding	\$NZ'm		0.04	-	-	-	-	-	-	-	-	-	-	0.02	-	-	0.02	-	-	-	-	-	0.085000
Cash position Opening cash position	\$NZ'm		-	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.02	0.03	0.02	0.01	-	(0.01)	
Project spend Project funding	\$NZ'm \$NZ'm		0.04	-	-	-	-	-	-	-	-	(0.00)	(0.01)	(0.01) 0.02	(0.01)	(0.01)	(0.01) 0.02	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	
Closing cash position	\$NZ'm		0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.04	0.03	0.02	0.03	0.02	0.01	-	(0.01)	(0.02)	Warning
Worker hours	Hours	[										30.00	70.00	60.00	60.00	60.00	50.00	60.00	60.00	60.00	60.00	60.00	630.00
Number of ponds desludged # Volume of sludge removed (mage)	<b>3)</b> # or %	-												3,000.00	6,000.00	6,000.00	5,000.00	6,000.00	6,000.00	6,000.00	6,000.00	1.00 6,000.00	1.00 50,000.00
N/A	# or %																						-
16 Project Name Project Type	TWR Additional monitoring cap WASTE - Wastewater Treatment		<b>.</b>																				
Start date	Apr-21	Capex	0.05																				
End date Total upfront payment	Oct-21	Opex N/A																					
Total final payment	0.00	Check [	Ok																				
Total project spend Total project funding	0.05 0.05																						
Check	-																						
Project Spend																							
Spena from Crown funding	\$NZ'm	ı												0.03	0.03								0.05
Spend from Crown funding Spend from cofunding Total project spend	\$NZ'm \$NZ'm \$NZ'm	[												0.03	0.03								0.05
			-	-	-	-	-				-	-		0.03	0.03	-	-	-	-	-	-		
Spend from cofunding Total project spend  Project Funding	\$NZ'm \$NZ'm \$NZ'm			-	-	-											-	-	-				0.05
Spend from cofunding  Total project spend	\$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm	[	0.03	-	-	-	-	-		-	0.01	-	-			-	-				-		
Spend from cofunding  Total project spend  Project Funding  Upfront payment portion Crown funding required Cofunding required	\$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm	]	0.03	-	-	-	-	-	-	-		-	-	0.03		-	-	-	-		-		0.05 0.03 0.03
Spend from cofunding  Total project spend  Project Funding Upfront payment portion Crown funding required	\$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm	]		-	-	-	-	-	-	-	0.01	-	-	0.03	0.03	-	-	-	-	-	-		0.05
Spend from cofunding Total project spend  Project Funding Upfront payment portion Crown funding required Cofunding required Final payment portion Total project funding Cash position	\$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm	]	0.03	-	-	-	-	-	-	-	0.01	-	-	0.03 0.01 0.00 0.01	0.03	-	-	-	-	-	-		0.05 0.03 0.03 0.03
Spend from cofunding  Total project spend  Project Funding  Upfront payment portion Crown funding required Cofunding required Final payment portion Total project funding  Cash position Opening cash position Project spend	\$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm		0.03								0.01			0.03 0.01 0.00 0.01 0.04 (0.03)	0.03		0.01					0.01	0.05 0.03 0.03 0.03
Spend from cofunding  Total project spend  Project Funding Upfront payment portion Crown funding required Cofunding required Final payment portion Total project funding  Cash position Opening cash position	\$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm	[	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.01	0.04	0.04	0.01 0.00 0.01	0.03	0.01	0.01	0.01	0.01	0.01	0.01		0.05 0.03 0.03 0.03
Spend from cofunding  Total project spend  Project Funding  Upfront payment portion Crown funding required Cofunding required Final payment portion  Total project funding  Cash position Opening cash position Project spend Project funding	\$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm	]	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.01 0.03 - 0.01	0.04	0.04	0.03 0.01 0.00 0.01 0.04 (0.03) 0.01	0.03	0.01 - -	0.01 - -	0.01 - -	0.01 - -	- 0.01 - -	0.01 - -	- -	0.03 0.03 0.03 - 0.00 0.05
Spend from cofunding  Total project spend  Project Funding  Upfront payment portion Crown funding required Cofunding required Final payment portion  Total project funding  Cash position Opening cash position Project spend Project funding  Closing cash position	\$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm \$NZ'm	]	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.01 0.03 - 0.01 0.04	0.04	0.04 - - 0.04	0.03 0.01 0.00 0.01 0.04 (0.03) 0.01 0.03	0.03	0.01 - -	0.01 - -	0.01 - -	0.01 - -	- 0.01 - -	0.01 - -	- -	0.05 0.03 0.03 0.00 0.00 0.05

Total project spend   \$NZ'm																								
Mary	Project Inputs																							
Proper   P																								
Program   Prog				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	2 Jun-22	Total
Point Page   Point				Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	t Forecast	10001							
Point Page   Point																								
Point Page   Point																								
Control   Cont																								
First two proposes   100   1	Project Type	WASTE - Wastewater T	reatment Plant upgra	ides																				
Total price of price	Start date	Mar-21	Capex	0.20																				
Total project personal SID Onco. (D.)  Core service																								
Find pages agends   1.0   1.				04																				
Test proper former   COP   C			Crieck	UK																				
Proof Series																								
Section Content Section   1972    19																								
Section Content Section   1972    19	D : 40 .																							
Section Contacting   1972		\$N7'm												0.03	0.10	0.07								0.20
Total project speed   30/25														0.03	0.10	0.07								-
State   Stat				-	- '	-	-			-	-	-	-	0.03	0.10	0.07		-	-	-	-			0.20
State   Stat																								
State   Stat	Project Funding	\$N7'm																						
Control funding signated   50779				0.10																				0.10
Project program   100					Г						[				0.10	]								0.10
Cash proseled funding   SPCP																								-
Case						-			-					-							-		<u></u>	0.20
Copering cash position   SACTIFF	rotal project funding	⊅INZ III		0.10	-	-	-	-	-	-	-	-	-	-	0.10	-	-	-	-	-	-			0.20
Project spend   SP/Zm	Cash position																							
Project Linding				-	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10					-	-	-	-			
Coloring cash position   St/Crim   Color   Color   Coloring cash position   St/Crim   Color   Color   Coloring cash position   St/Crim   Coloring cash position   Coloring cash position   St/Crim   Coloring cash					-	-	-	-	-	-	-	-	-	(0.03)				-	-	-	-			
Monte hours   Monte					0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.07									<del></del>	Ok
Number WMTP upgrades # Physical works 'complete for 'S	Glosning Cash position	ψ14Z 111		0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.01	0.07	_	- -	_	- -	_	_			OR .
Physical works is complete midding processing capacity																								-
18 Project Name																								-
18 Project Name   TWR Pump station renewals (Wastewater) P2020-018																	-		-	-				-
Project Type	morday processing capacity	# OI 70											I											
Start date				2020-018																				
End date	Project Type	WASTE - Pump station	upgrades																					
End date	Start date	Jul-21	Canex	0.10																				
Total froid payment				97.0																				
Total project spend 0.10 Total project funding 0.10 Check																								
Total project funding   0.10   Check			Check	0.00																				
Project Spend   SNZm																								
Project Spend from Crown funding   SAZ m																								
Spend from Crown funding   SNZ'm																								
Spend from cofunding   SNZm																								
Project Funding   SNZ'm																0.050000	0.050400		-	-				
Project Funding   SNZ'm   Upfront payment portion   SNZ'm   O.05   O.0				-	-	-	-	_	-	-	-	-	-	-	-	0.05	0.05		-		-			
Upfront payment portion   SNZ'm   0.05   0																								
Upfront payment portion   SNZ'm   0.05   0	Product Foundless	CA171																						
Crown funding required \$NZ'm  Final payment portion \$NZ'm  Outsilion SNZ'm  Outsilion SNZ'm	Unfront payment portion			0.05																				0.05
Cofunding required \$NZ'm	Crown funding required			0.00	Г						1				0.05	1								0.05
Total project funding         \$NZ'm         0.05         -         -         -         -         0.10           Cash position         Opening cash position         \$NZ'm         -         0.05	Cofunding required	\$NZ'm																						-
Cash position       Opening cash position     \$NZ'm     -     0.05     0.05     0.05     0.05     0.05     0.05     0.05     0.05     0.05     0.05     0.05     0.05     0.05     0.05     -																								0.00
Opening cash position       \$NZ'm       -       0.05       0.05       0.05       0.05       0.05       0.05       0.05       0.05       0.05       0.05       0.05       0.05       0.05       -       <	Total project funding	\$NZ'm		0.05	-	-	-	-	-	-	-	-	-	-	0.05	-	0.00	-	-	-	-		-	0.10
Opening cash position       \$NZ'm       -       0.05       0.05       0.05       0.05       0.05       0.05       0.05       0.05       0.05       0.05       0.05       0.05       0.05       -       <	Cash position																							
Project funding \$ <i>NZ'm</i> 0.05 0.05 - 0.00	Opening cash position			-	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05				-	-	-			
						-	-	-	-	-	-		-						-	-	-			
Citosing Cash position   STAZIII   0.05   0.										0.05									-	-	-		<u>-</u>	Or
	Closing Cash position	ψ1∜∠ 111		0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.03	0.05	0.10	0.05	-	-	-	-	-			OK .

Worker hours Number of PS upgrades # Physical works % complete N/A

Hours # or % # or % # or %

80.00

80.00 1.00

160.00 2.00 -

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19 Project Name Project Type	TWR Backup power supp																						
Start date	Feb-21 May-22	Capex	0.24																				
End date Total upfront payment	0.12	Opex N/A																					
Total final payment	0.00	Check	(0.00)																				
Total project spend Total project funding	0.24 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																						-
Total project spend	\$NZ'm		-	-	-	-	-	-	0.00	-	-	-	-	-	0.06	0.03	-	0.04	-	0.08	0.02	-	0.24
Project Funding	\$NZ'm																						
Upfront payment portion Crown funding required	\$NZ'm \$NZ'm		0.12	г										0.06			0.06						0.12 0.12
Cofunding required	\$NZ'm													0.00			0.00						0.12
Final payment portion  Total project funding	\$NZ'm \$NZ'm		0.12	-	-	-	-	-	-	-	-	-	-	0.06	-	-	0.06	-	-	-	0.00		0.00
Cash position																							
Opening cash position	\$NZ'm		-	0.12	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 spend Project funding	\$NZ'm \$NZ'm		0.12	-	-	-	-	-	(0.00)	-	-	-	-	0.06	(0.06)	(0.03)	0.06	(0.04)	-	(0.08)	(0.02) 0.00	-	
Closing cash position	\$NZ'm		0.12	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	0.01	Ok
Worker hours	Hours								20.00											300.00	100.00		420.00
Number WWTP upgrades #	# or %																			2.00	1.00		3.00
Physical works % complete	# or % # or % # or %																			2.00	1.00		3.00
Physical works % complete m3/day processing capacity	# or % # or %	ct Management P20	20-20																	2.00	1.00		3.00
Physical works % complete	# or %		20-20																	2.00	1.00		3.00
Physical works % complete m3/day processing capacity  20 Project Name Project Type  Start date	# or % # or %  TWR Project and Contrac  PRGRM - Programme ma	nagement N/A	20-20																	2.00	1.00		3.00
Physical works % complete m3/day processing capacity  20 Project Name Project Type  Start date End date	# or % # or %  TWR Project and Contract PRGRM - Programme ma  Dec-20 Mar-22	N/A N/A																		2.00	1.00		3.00
Physical works % complete m3/day processing capacity  20 Project Name Project Type  Start date End date Total upfront payment Total final payment	# or % # or %  TWR Project and Contract PRGRM - Programme ma  Dec-20 Mar-22 0.18 0.00	nagement N/A																		2.00	1.00		3.00
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Physical works % complete m3/day processing capacity  20 Project Name Project Type  Start date End date Total upfront payment Total final payment	# or % # or %  TWR Project and Contract PRGRM - Programme ma  Dec-20 Mar-22 0.18 0.00	N/A N/A N/A Other/Reform	m 0.35																	2.00	1.00		3.00
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Physical works % complete m3/day processing capacity  20 Project Name Project Type  Start date End date Total upfront payment Total final payment Total project spend Total project funding Check  Project Spend Spend from Crown funding	# or % # or % # or %  TWR Project and Contrac PRGRM - Programme ma  Dec-20 Mar-22 0.18 0.00 0.35 0.35 - \$NZ'm	N/A N/A N/A Other/Reform	m 0.35	0.0050	-	0.0041	0.0040			0.0342		0.0108	0.0089	0.0400	0.0400	0.0400	0.0250	0.0250	0.0250			0.0230	-
Physical works % complete m3/day processing capacity  20 Project Name Project Type  Start date End date Total upfront payment Total final payment Total project spend Total project funding Check  Project Spend Spend from Crown funding Spend from cofunding	# or % # or % # or %  TWR Project and Contrac PRGRM - Programme ma  Dec-20 Mar-22 0.18 0.00 0.35 0.35 -  \$NZ'm \$NZ'm	N/A N/A N/A Other/Reform	m 0.35 Ok						-											0.0250	0.0400		0.35
Physical works % complete m3/day processing capacity  20 Project Name Project Type  Start date End date Total upfront payment Total final payment Total project spend Total project funding Check  Project Spend Spend from Crown funding Spend from cofunding Total project spend  Project Funding Upfront payment portion	# or % # or % # or %  TWR Project and Contrac PRGRM - Programme ma  Dec-20 Mar-22 0.18 0.00 0.35 0.35 -  \$NZ'm \$NZ'm \$NZ'm \$NZ'm	N/A N/A N/A Other/Reform	m 0.35 Ok						-	0.03							0.03			0.0250	0.0400		0.35 - 0.35
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Physical works % complete m3/day processing capacity  20 Project Name Project Type  Start date End date Total upfront payment Total final payment Total project spend Total project funding Check  Project Spend Spend from Crown funding Spend from cofunding Total project spend  Project Funding Upfront payment portion Crown funding required Cofunding required Final payment portion	# or % # or % # or %  TWR Project and Contrac PRGRM - Programme ma  Dec-20 Mar-22 0.18 0.00 0.35 0.35  \$NZ'm	N/A N/A N/A Other/Reform	0.35 Ok	0.00	-	0.00	0.00		-	0.03	0.08750	0.01	0.01	0.04	0.04	0.04	0.03	0.03	0.003	0.0250	0.0400	0.02	0.35 - 0.35 0.18 0.17 -
Physical works % complete m3/day processing capacity  20 Project Name Project Type  Start date End date Total upfront payment Total final payment Total project spend Total project funding Check  Project Spend Spend From Crown funding Spend from Crown funding Total project spend  Project Funding Upfront payment portion Crown funding required Cofunding required Final payment portion Total project funding	# or % # or % # or % # or %  TWR Project and Contrac PRGRM - Programme ma  Dec-20 Mar-22 0.18 0.00 0.35 0.35  \$NZ'm	N/A N/A N/A Other/Reform	m 0.35 Ok	0.00	-	0.00	0.00		-	0.03		0.01	0.01	0.04	0.04	0.04	0.03	0.03	0.03	0.0250	0.0400	0.02	0.35 - 0.35 0.18 0.17
Physical works % complete m3/day processing capacity  20 Project Name Project Type  Start date End date Total upfront payment Total final payment Total project spend Total project funding Check  Project Spend Spend from Crown funding Spend from Crown funding Total project spend  Project Funding Upfront payment portion Crown funding required Cofunding required Final payment portion Total project funding  Cash position	# or % # or % # or % # or %  TWR Project and Contrac PRGRM - Programme ma  Dec-20 Mar-22 0.18 0.00 0.35 0.35 -  \$NZ'm	N/A N/A N/A Other/Reform	0.35 Ok	0.00	-	0.00	0.00	- -	-	0.03	0.08750	0.01	0.01	0.04	0.04	0.04	0.03	0.03	0.03 0.003499 0.00	0.0250	0.0400	0.02	0.35 - 0.35 0.18 0.17 -
Physical works % complete m3/day processing capacity  20 Project Name Project Type  Start date End date Total upfront payment Total final payment Total project spend Total project funding Check  Project Spend Spend From Crown funding Spend from Crown funding Total project spend  Project Funding Upfront payment portion Crown funding required Cofunding required Final payment portion Total project funding	# or % # or % # or %  TWR Project and Contrac PRGRM - Programme ma  Dec-20 Mar-22 0.18 0.00 0.35 0.35  \$NZ'm	N/A N/A N/A Other/Reform	0.35 Ok	0.00	0.18	0.00	0.00			0.03	0.08750	0.01	0.01	0.04	0.04	0.04	0.03	0.03	0.003	0.0250	0.0400	0.02	0.35 - 0.35 0.18 0.17 -
Physical works % complete m3/day processing capacity  20 Project Name Project Type  Start date End date Total upfront payment Total final payment Total project spend Total project funding Check  Project Spend Spend from Crown funding Spend from cofunding Total project spend  Project Funding Upfront payment portion Crown funding required Cofunding required Final payment portion Total project funding  Cash position Opening cash position Project spend Project funding	# or % # or % # or % # or %  TWR Project and Contrac PRGRM - Programme ma  Dec-20 Mar-22 0.18 0.00 0.35 0.35 0.35   \$NZ'm	N/A N/A N/A Other/Reform	0.35 Ok  0.17500  0.18	0.00 0.18 (0.00)	0.18	0.00	0.00	0.18	0.18 - -	0.03 - - - 0.18 (0.03)	0.08750 - 0.09 0.15 - 0.09	0.01	0.01	0.04	0.04 - - 0.18 (0.04)	0.04	0.03 0.08400 0.08 0.10 (0.03) 0.08	0.03	0.03 0.003499 0.00 0.14 (0.03) 0.00	0.0250 0.03	0.0400 0.04	0.02	0.35 0.35 0.18 0.17 0.00 0.349999
Physical works % complete m3/day processing capacity  20 Project Name Project Type  Start date End date Total upfront payment Total final payment Total project spend Total project funding Check  Project Spend Spend from Crown funding Spend from Cofunding Total project spend  Project Funding Upfront payment portion Crown funding required Cofunding required Final payment portion Total project funding  Cash position Opening cash position Project spend Project funding Closing cash position	# or % # or % # or % # or %  TWR Project and Contrac PRGRM - Programme ma  Dec-20 Mar-22 0.18 0.00 0.35 0.35  \$NZ'm	N/A N/A N/A Other/Reform	0.35 Ok	0.00 - 0.18 (0.00) - 0.18	0.18	0.00 - - 0.18 (0.00) - 0.18	0.00 - - 0.18 (0.00) -	0.18	0.18	0.03 - - - 0.18 (0.03) - 0.15	0.08750 - 0.09 -	0.01 - - 0.24 (0.01) - 0.23	0.01 	0.04 - - - 0.22 (0.04) - - 0.18	0.04 - - 0.18 (0.04) - 0.14	0.04 	0.08400 0.08400 0.08 0.10 (0.03) 0.08 0.16	0.03 - - 0.16 (0.03) - 0.14	0.003 0.003499 0.00 0.14 (0.03) 0.00 0.12	0.0250 0.03	0.0400 0.04	0.02 - - 0.06 (0.02) - 0.04	0.35 - 0.35 0.18 0.17 - 0.00 0.349999
Physical works % complete m3/day processing capacity  20 Project Name Project Type  Start date End date Total upfront payment Total final payment Total project spend Total project funding Check  Project Spend Spend from Crown funding Spend from cofunding Total project spend  Project Funding Upfront payment portion Crown funding required Cofunding required Final payment portion Total project funding  Cash position Opening cash position Project spend Project funding	# or % # or % # or % # or %  TWR Project and Contrac PRGRM - Programme ma  Dec-20 Mar-22 0.18 0.00 0.35 0.35 0.35   \$NZ'm	N/A N/A N/A Other/Reform	0.35 Ok  0.17500  0.18	0.00 0.18 (0.00)	0.18	0.00 - - 0.18 (0.00) - 0.18	0.00	0.18	0.18 - -	0.03 - - - 0.18 (0.03)	0.08750 - 0.09 0.15 - 0.09	0.01	0.01	0.04	0.04 - - 0.18 (0.04)	0.04	0.03 0.08400 0.08 0.10 (0.03) 0.08	0.03	0.03 0.003499 0.00 0.14 (0.03) 0.00	0.0250 0.03	0.0400 0.04	0.02	0.35 - 0.35 0.18 0.17 - 0.00 0.349999
Physical works % complete m3/day processing capacity  20 Project Name Project Type  Start date End date Total upfront payment Total project spend Total project funding Check  Project Spend Spend From Crown funding Spend from Crown funding Total project spend  Project Spend From Cofunding Total project spend  Project Funding Upfront payment portion Crown funding required Cofunding required Final payment portion Total project funding  Cash position Project spend  Project spend Project spend  Closing cash position  Worker hours	# or % # or % # or % # or %  TWR Project and Contrac PRGRM - Programme ma  Dec-20 Mar-22 0.18 0.00 0.35 0.35  \$NZ'm	N/A N/A N/A Other/Reform	0.35 Ok  0.17500  0.18	0.00 - 0.18 (0.00) - 0.18	0.18	0.00 - - 0.18 (0.00) - 0.18	0.00 - - 0.18 (0.00) -	0.18	0.18 - -	0.03 	0.08750 - 0.09 0.15 - 0.09	0.01 - - 0.24 (0.01) - 0.23	0.01 	0.04 - - - 0.22 (0.04) - 0.18	0.04 	0.04 	0.03 0.08400 	0.03 	0.003499 0.000 0.14 (0.03) 0.00 0.12	0.0250 0.03 0.12 (0.03) - 0.10 70.00	0.0400 0.04 0.04	0.02 - 0.06 (0.02) - 0.04 60.00	0.35 - 0.35 - 0.35 - 0.17 - 0.00 0.349999

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 Actual Forecast Forecast

Cash position
Opening cash position
Project spend
Project funding
Closing cash position

Worker hours Length (metres) N/A N/A \$NZ'm \$NZ'm \$NZ'm \$NZ'm

Hours # or % # or % # or %

			Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	
oject Name oject Type	TWR Asset data collection		/undate/maintenan	100																			
oject Type	OTTIER - Asset data and	Old improvements	/upuate/maintenam	ice																			
art date	Apr-21	Capex																					
d date	Jan-22	Opex	0.11																				
al upfront payment	0.06	N/A																					
al final payment	0.00	Check	0.00																				
al project spend	0.11																						
al project funding	0.11																						
eck																							
ject Spend Spend from Crown funding	\$NZ'm									0.0070940		0 0333380	0.0133070	0.0300000	0.0200000	0.0100000	0.0040000			1			
Spend from cofunding	\$NZ'm									0.0070940		0.0223300	0.0133970	0.0300000	0.0200000	0.0100000	0.0040000				-		
otal project spend	\$NZ'm		-	-	-	-	-		-	0.01	-	0.02	0.01	0.03	0.02	0.01	0.00	-	-	-			
ject Funding Jpfront payment portion	\$NZ'm \$NZ'm		0.06	7																			
optront payment portion Crown funding required	\$NZ'm		0.06	J			г				0.03	1		0.03				1					
Cofunding required	\$NZ'm										0.03			0.03					1	1			
Final payment portion	\$NZ'm		_									_			_	-	0.00	_	_	_			
otal project funding	\$NZ'm		0.06		-	-	-	-	-	-	0.03	-	-		-	-	0.00		-	-		-	
h position																							
pening cash position	\$NZ'm		-	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.08	0.06	0.05	0.05	0.03	0.02	0.02	0.02	0.02	0.02	0.02	
Project spend	\$NZ'm		-	-	-	-	-	-	-	(0.01)	-	(0.02)	(0.01)	) (0.03)	(0.02)	(0.01)			-			-	
Project funding	\$NZ'm		0.06	-	-	-	-	-	-	` -	0.03	` -	` -			` -	0.00		-	-	-	-	
losing cash position	\$NZ'm		0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.08	0.06	0.05	0.05	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
rker hours	Hours									40.00		360.00	220.00	320.00	320.00	160.00	80.00						
complete	# or %									0.03	-	0.24	0.15	0.21	0.21	0.11	0.04						
A.	# or %																						
l	# or %																						
ject Name	TWR Track access repair		P2020-022 - Not fu	ınded																			
ject Type	WATER - Water security			-																			
rt date	Feb-21	Capex		-																			
d date	Jul-21	Opex																					
al upfront payment al final payment		<b>N/A</b> Check	Ok	1																			
	-	Crieck	UK	_																			
al project spend al project funding	-																						
eck	-																						
viect Spend Spend from Crown funding	\$NZ'm										-												
Spend from cofunding	\$NZ'm																						
otal project spend	\$NZ'm		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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Cofunding required	\$NZ'm																						
oorarranig roquirou																							
Final payment portion	\$NZ'm		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

Ok

Project Innuts

		Actual	Forecast																			
					-																	
23 Project Name	Undefined Project re-scoping Backup Generato	rs																				
Project Type	WATER - Pump station upgrades																					
Start date	Jul-21 Capex																					
End date	Jan-22 Opex																					
Total upfront payment	N/A																					
Total upfront payment	- Check																					
Total final payment  Total project spend	- Crieck																					
Total project spend Total project funding																						
Check																						
Спеск																						
Project Spend																						
Spend from Crown funding	\$NZ'm																					-
Spend from cofunding	\$NZ'm																					_
Total project spend	\$NZ'm	-	- '	-	-	-	-	-	-							-	-			-		-
Project Funding	\$NZ'm																					
Upfront payment portion	\$NZ'm	-	_			_																-
Crown funding required	\$NZ'm																					-
Cofunding required	\$NZ'm																					=
Final payment portion	\$NZ'm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total project funding	\$NZ'm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cook position																						
Cash position	\$NZ'm																					
Opening cash position		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Project spend	\$NZ'm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Project funding	\$NZ'm	-	-	-	-	-		-	-		-	-		-		-	-	-	-			
Closing cash position	\$NZ'm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	=	Ok
Worker hours	Hours																					
Number of PS upgrades #	# or %																					-
Physical works % complete	# or %																					_
N/A	# or %																					-
1975	II VI 70																					

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

## Pre-work / Long term commentary

Question #			Ini	tial Update	
	Top 5 Risks and	d 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		Engaging consultants Recruitment of roles
3	2	Contractor and goods availability	High		Discussion with contractors early during scoping and planning to check availability
4	3	Unforeseen expenditure	Medium		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	0.47	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	Curently 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 - Intial 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

	Programme costs
8	Commentary on Government Funded programme
	Commentary on LTP programme

Reform funding
Reform Funding Activities
RFI funding (\$60k)

Scope and Progress commentary

Commentary

Media Announcements

Document Classification: KPMG Confidentia

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 contactor 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	Pre-work commencement status		
Roadblock	Status	Commentary	
RMA	In Preparation	Project 8 (Piopio Water Supply Improvements) - checking allowed activites 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 everenend on westewater numb renewals due to increased complexity of the renewal

Reform funding commentary
N/A
N/A

Scope and Progress commentary 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	

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 contrator recruitment for Project/Contract mangagement, 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 critcal 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 - hydralic 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 dealyed 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 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 installtion project, final version and individual letters to be confirmed once contract awarded. Late April/early May release

Quarter 3 (July 2021) Upda	te
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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 stablaised.	
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 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.		

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 contrator availablity 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 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

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]		

Quarter 5 (January 2022) Update

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]
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Reform funding commentary
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[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	U	pdate

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]	
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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]
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Reform funding commentary
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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												
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											
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Scope and Progress commentary commentary

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tal Wastewater		0.09	0.10	0.08	•	0.02	0.02 0.00	0.02 0.00 -	0.02 0.00 - 0.02	0.02 0.00 - 0.02 0.01 -	0.02 0.00 - 0.02 0.01 - 0.00	0.02 0.00 - 0.02 0.01 - 0.00 0.00	0.02 0.00 - 0.02 0.01 - 0.00 0.00 0.01	0.02 0.00 - 0.02 0.01 - 0.00 0.00 0.01 -	0.02 0.00 - 0.02 0.01 - 0.00 0.00 0.01 - 0.00	0.02 0.00 - 0.02 0.01 - 0.00 0.00 0.01 - 0.00 0.01	0.02 0.00 - 0.02 0.01 - 0.00 0.00 0.01 - 0.00 0.01 -	0.02 0.00 - 0.02 0.01 - 0.00 0.00 - 0.00 0.01	0.02 0.00 - 0.02 0.01 - 0.00 0.00 0.01 - 0.00 0.01	0.02 0.00 - 0.02 0.01 - 0.00 0.00 0.01 - 0.00 0.01	0.02 0.00 - 0.02 0.01 - 0.00 0.00 0.01 - 0.00 0.01	0.02 0.00 - 0.02 0.01 - 0.00 0.00 - 0.00 0.01 - 0.00 0.01	0.02 0.00 - 0.02 0.01 - 0.00 0.00 0.01 - 0.00 0.01	0.02 0.00 - 0.02 0.01 - 0.00 0.00 0.01 - 0.00 0.01
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	SNZ'm	0.00		0.00		0.00	0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00
	SNZ'm	0.03	0.13	0.13																				
	SNZ'm	0.00	0.00	0.00																				
	SNZ'm	0.03	0.13	0.12		0.01	0.01 0.00	0.01	0.01 0.00 - 0.01	0.01 0.00 0.01 0.04	0.01 0.00 - 0.01 0.04 - 0.00	0.01 0.00 - 0.01 0.04 - 0.00 0.00	0.01 0.00 0.01 0.04 0.00 0.00	0.01 0.00 0.01 0.04 0.00 0.00	0.01 0.00 0.01 0.04 0.00 0.00	0.01 0.00 - 0.01 0.04 - 0.00 0.00 0.001	0.01 0.00 0.01 0.04 0.00 0.00	0.01 0.00 0.01 0.04 0.00 0.00	0.01 0.00 0.01 0.04 0.00 0.00	0.01 0.00 0.01 0.04 0.00 0.00	0.01 0.00 0.01 0.04 0.00 0.00	0.01 0.00 0.01 0.04 0.00 0.00	0.01 0.00 0.01 0.04 0.00 0.00	0.01 0.00 0.01 0.04 0.00 0.00
tal Storm		0.03	0.13	0.13		0.01	0.01 0.00	0.01 0.00 -	0.01 0.00 - 0.01	0.01 0.00 - 0.01 0.04 -	0.01 0.00 - 0.01 0.04 - 0.00	0.01 0.00 - 0.01 0.04 - 0.00 0.00	0.01 0.00 - 0.01 0.04 - 0.00 0.00 -	0.01 0.00 - 0.01 0.04 - 0.00 0.00	0.01 0.00 - 0.01 0.04 - 0.00 0.00	0.01 0.00 - 0.01 0.04 - 0.00 0.00 0.001	0.01 0.00 - 0.01 0.04 - 0.00 0.00 0.001 -	0.01 0.00 - 0.01 0.04 - 0.00 0.00 0.001	0.01 0.00 - 0.01 0.04 - 0.00 0.00 0.001	0.01 0.00 - 0.01 0.04 - 0.00 0.00 0.001	0.01 0.00 - 0.01 0.04 - 0.00 0.00 0.001	0.01 0.00 - 0.01 0.04 - 0.00 0.00 0.001	0.01 0.00 - 0.01 0.04 - 0.00 0.00 0.001	0.01 0.00 - 0.01 0.04 - 0.00 0.00 0.001
her																								
	SNZ'm	0.00	0.00	0.02										0.00	0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
	SNZ'm	0.01	0.07	0.05		0.00	0.00 0.03	0.00 0.03 0.00	0.00 0.03 0.00 0.00	0.00 0.03 0.00 0.00 0.00	0.00 0.03 0.00 0.00 0.00 0.00	0.00 0.03 0.00 0.00 0.00 0.00 0.00	0.00 0.03 0.00 0.00 0.00 0.00 0.00 0.00											
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tal Other		0.01	0.07	0.06		-	- 0.03	- 0.03 -	- 0.03	- 0.03	- 0.03	- 0.03	- 0.03	- 0.03	- 0.03	- 0.03	- 0.03	- 0.03	- 0.03	- 0.03	- 0.03	- 0.03	- 0.03	- 0.03
tal	SNZ'm	0.35	0.982	0.72		0.21	0.21 0.09	0.21 0.09 0.00	0.21 0.09 0.00 0.20	0.21 0.09 0.00 0.20 0.11	0.21 0.09 0.00 0.20 0.11 0.00	0.21 0.09 0.00 0.20 0.11 0.00 0.03	0.21 0.09 0.00 0.20 0.11 0.00 0.03 0.09	0.21 0.09 0.00 0.20 0.11 0.00 0.03 0.09 -	0.21 0.09 0.00 0.20 0.11 0.00 0.03 0.09 - 0.00	0.21 0.09 0.00 0.20 0.11 0.00 0.03 0.09 - 0.00 0.03	0.21 0.09 0.00 0.20 0.11 0.00 0.03 0.09 - 0.00 0.03 -	0.21 0.09 0.00 0.20 0.11 0.00 0.03 0.09 - 0.00 0.03	0.21 0.09 0.00 0.20 0.11 0.00 0.03 0.09 - 0.00 0.03	0.21 0.09 0.00 0.20 0.11 0.00 0.03 0.09 - 0.00 0.03	0.21 0.09 0.00 0.20 0.11 0.00 0.03 0.09 - 0.00 0.03	0.21 0.09 0.00 0.20 0.11 0.00 0.03 0.09 - 0.00 0.03	0.21 0.09 0.00 0.20 0.11 0.00 0.03 0.09 - 0.00 0.03	0.21 0.09 0.00 0.20 0.11 0.00 0.03 0.09 - 0.00 0.03
												0.738	0.738 75.2%	0.738 75.2%	0.738 75.2%	0.738 75.2%	0.738 75.2%	0.738 75.2%	0.738 75.2%	0.738 75.2%	0.738 75.2%	0.738 75.2%	0.738 75.2%	0.738 75.2%