

GDB Information Disclosure Requirements Information Templates for Schedules 1–10

Company Name
Disclosure Date
Disclosure Year (year ended)

Vector
13 December 2023
30 June 2023

Templates for Schedules 1–10 excluding 5f–5g
Template Version 4.1. Prepared 21 December 2017

1

CoverSheet

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Schedule Description

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- 3 Report on Regulatory Profit
- 4 Report on Value of the Regulatory Asset Base (Rolled Forward)
- 5a Report on Regulatory Tax Allowance
- 5b Report on Related Party Transactions
- 5c Report on Term Credit Spread Differential Allowance
- 5d Report on Cost Allocations
- 5e Report on Asset Allocations
- 5h Report on Transitional Financial Information
- 6a Report on Capital Expenditure for the Disclosure Year
 6b Report on Operational Expenditure for the Disclosure Year
- 7 Comparison of Forecasts to Actual Expenditure
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- 9a <u>Asset Register</u>
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- 10b Report on Network Integrity and Consumer Service

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Disclosure Template Instructions

These templates have been prepared for use by GDBs when making disclosures under subclauses 2.3.1, 2.4.21, 2.4.22, 2.5.1, and 2.5.2 of the Gas Distribution Information Disclosure Determination 2012.

Company Name and Dates

To prepare the templates for disclosure, the supplier's company name should be entered in cell C8, the date of the last day of the current (disclosure) year should be entered in cell C12, and the date on which the information is disclosed should be entered in cell C10 of the CoverSheet worksheet.

The cell C12 entry (current year) is used to calculate disclosure years in the column headings that show above some of the tables and in labels adjacent to some entry cells. It is also used to calculate the 'For year ended' date in the template title blocks (the title blocks are the light green shaded areas at the top of each template).

The cell C8 entry (company name) is used in the template title blocks.

Dates should be entered in day/month/year order (Example -"1 April 2013").

Data Entry Cells and Calculated Cells

Data entered into this workbook may be entered only into the data entry cells. Data entry cells are the bordered, unshaded areas (white cells) in each template. Under no circumstances should data be entered into the workbook outside a data entry cell.

In some cases, where the information for disclosure is able to be ascertained from disclosures elsewhere in the workbook, such information is disclosed in a calculated cell.

Validation Settings on Data Entry Cells

To maintain a consistency of format and to help guard against errors in data entry, some data entry cells test keyboard entries for validity and accept only a limited range of values. For example, entries may be limited to a list of category names, to values between 0% and 100%, or either a numeric entry or the text entry "N/A". Where this occurs, a validation message will appear when data is being entered. These checks are applied to keyboard entries only and not, for example, to entries made using Excel's copy and paste facility.

Conditional Formatting Settings on Data Entry Cells

Schedule 2 cells G79 and I79:L79 will change colour if the total cashflows do not equal the corresponding values in table 2(ii).

Schedule 4 cells P99:P105 and P107 will change colour if the RAB values do not equal the corresponding values in table 4(ii)

Schedule 9b columns AA to AE (2013 to 2017) contain conditional formatting. The data entry cells for future years are hidden (are changed from white to yellow).

Schedule 9b cells AG10 to AG37 will change colour if the total assets at year end for each asset class does not equal the corresponding values in column I in Schedule 9a.

Schedule 9c cell F22 will change colour if F22 (system length by operating pressure) does not equal F16 (system length by material).

Inserting Additional Rows and Columns

The templates for schedules 4, 5b, 5c, 5d, 5e, 5i, 6a, 8, 9c, 9d, 10a and 10b may require additional rows to be inserted in tables marked 'include additional rows if needed' or similar. Column A schedule references should not be entered in additional rows, and should be deleted from additional rows that are created by copying and pasting rows that have schedule references.

Additional rows in schedules 5c, 6a, 9c and 9d must not be inserted directly above the first row or below the last row of a table. This is to ensure that entries made in the new row are included in the totals.

Schedules 5d and 5e may require new cost or asset category rows to be inserted in allocation change tables 5d(iii) and 5e(ii). Accordingly, cell protection has been removed from row 72 of schedule 5d and row 71 of schedule 5e to allow blocks of rows to be copied. The four steps to add new cost category rows to table 5d(iii) are: Select Excel rows 64:72 of the relevant template, copy, select Excel row 73, then insert copied cells. Similarly, for table 5e(ii): Select Excel rows 63:71 of the relevant template, copy, select Excel row 72, then insert copied cells.

The template for schedule 8 may require additional columns to be inserted between column M and Q. To avoid interfering with the title block entries, these should be inserted to the left of column N. If inserting additional columns, the formulas for standard consumers total, non-standard consumers totals and total for all consumers will need to be copied into the cells of the added columns. The formulas can be found in the equivalent cells of the

Disclosures by Sub-Network

Schedules 8, 9a, 9b, 9c, 9d, 10a and 10b must be completed for the network and for each sub-network. A copy of the schedule worksheet(s) must be made for each subnetwork and named accordingly.

Schedule References

The references labelled 'sch ref' in the leftmost column of each template are consistent with the row references in the Gas Distribution ID Determination 2012 (as issued on 21 December 2017). They provide a common reference between the rows in the determination and the template.

Description of Calculation References

Calculation cell formulas contain links to other cells within the same template or elsewhere in the workbook. Key cell references are described in a column to the right of each template. These descriptions are provided to assist data entry. Cell references refer to the row of the template and not the schedule reference.

Worksheet Completion Sequence

Calculation cells may show an incorrect value until precedent cell entries have been complated. Data entry may be assisted by completing the schedules in the following order:

- 1. Coversheet
- 2. Schedules 5a–5e
- 3. Schedules 6a–6b
- 4. Schedule 8
- 5. Schedule 3
- 6. Schedule 4
- 7. Schedule 2
- 8. Schedule 7
- 9. Schedules 9a-9d
- 10. Schedules 10a and 10b

Company Name Vector
For Year Ended 30 June 2023

	SCHEDULE 1: ANALYTICAL RATIOS							
	This schedule calculates expenditure, revenue and service ratios from the information disclosed. The disclosed ratios may vary for reasons that are company specific and, as a result, must be interpreted with care. The							
	Commerce Commission will publish a summary and analysis of information disclosed in accordance with the ID determination. This will include information disclosed in accordance with this and other schedules, and information disclosed in accordance with this and other schedules, and information disclosed in accordance with this and other schedules, and information disclosed in accordance with this and other schedules, and information disclosed in accordance with this and other schedules, and information disclosed in accordance with this and other schedules, and information disclosed in accordance with this and other schedules, and information disclosed in accordance with this and other schedules, and information disclosed in accordance with this and other schedules, and information disclosed in accordance with this and other schedules, and information disclosed in accordance with this and other schedules, and information disclosed in accordance with the information disclosed in accordance with this and other schedules, and information disclosed in accordance with the information disclos							
	information disclosed under the other requirements of the determination. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.							
	sch ref							
5011								
7	1(i): Expenditure Metrics							
	Ratio of							
		Expenditure per TJ	- "	expenditure to	Expenditure per			
		energy delivered to ICPs	Expenditure per average no. of ICPs	maximum monthly load	supply			
8		(\$/TJ)	(\$/ICP)	(\$ per GJ/month)	(\$/km)			
9	Operational expenditure	1,206	136	12	2,310			
10	Network	469	53	5	898			
11	Non-network	737	83	7	1,412			
12								
13	Expenditure on assets	1,934	218	19	3,707			
14	Network	1,627	184	16	3,118			
15	Non-network	307	35	3	589			
16	1/ii). Dougnus Matuica							
17	1(ii): Revenue Metrics							
		Revenue per TJ						
		energy delivered	Revenue per					
		to ICPs	average no. of ICPs					
18		(\$/TJ)	(\$/ICP)					
19 20	Total line charge revenue Standard consumer line charge revenue	4,308 5,101	486 475					
21	Non-standard consumer line charge revenue	5,101	97,857					
22	Non-standard consumer line charge revenue	362	37,837					
23	1(iii): Service Intensity Measures							
24	,							
25	Demand density	197	Maximum month	ly load (GJ per monti	h) per system length			
26	Volume density	2	Quantity of gas d	elivered per km of sy	stem length (TJ/km)			
27	Connection point density	17	Average number	of ICPs in disclosure y	vear per system length	1		
28	Energy intensity	113	Total GJ delivered	to ICPs per average	number of ICPs in disc	closure year		
29	4/13 0 111 (2 2 2 1							
30	1(iv): Composition of Revenue Requirement	(46)						
31		(\$000)	% of revenue					
32	Operational expenditure	16,175	28.02%					
33 34	Pass-through and recoverable costs excluding financial incentives and wash-ups Total depreciation		4.02% 41.34%					
35		23,862 29,067	41.34% 50.36%					
36	Total revaluations Regulatory tax allowance	3,460	50.36%					
37	Regulatory tax allowance Regulatory profit/(loss) including financial incentives and wash-ups	40,471	70.12%					
38	Total regulatory income	57,719	70.12/6					
39	<i>3,</i> 11							
40	1(v): Reliability							
41								
42	Interruption rate	9.33	Interruptions per	100km of system len	gth			



Company Name Vector 30 June 2023 For Year Ended **SCHEDULE 2: REPORT ON RETURN ON INVESTMENT** This schedule requires information on the Return on Investment (ROI) for the GDB relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC. GDBs must calculate their ROI based on a monthly basis if required by clause 2.3.3 of the ID Determination or if they elect to. If a GDB makes this election, information supporting this calculation must GDBs must provide explanatory comment on their ROI in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8. 2(i): Return on Investment CY-2 CY-1 **Current Year CY** 30 Jun 21 30 Jun 22 30 Jun 23 for year ended ROI - comparable to a post tax WACC % 10 Reflecting all revenue earned 11 Excluding revenue earned from financial incentives 8.62 7.019 10.609 12 Excluding revenue earned from financial incentives and wash-ups 7.05% 10.64% 8.62% 13 14 Mid-point estimate of post tax WACC 4.05% 6.09% 3.65% 15 25th percentile estimate 2.94% 3.34% 5.38% 16 75th percentile estimate 17 18 ROI - comparable to a vanilla WACC 19 20 Reflecting all revenue earned 7.27% 10.929 9 24% 21 Excluding revenue earned from financial incentives 10.929 9.249 7.279 22 Excluding revenue earned from financial incentives and wash-ups 10.96 9.24% 23 24 WACC rate used to set regulatory price path 6.41% 6.41% 6.14% 25 Mid-point estimate of vanilla WACC 26 3 90% 4 379 6 70% 27 25th percentile estimate 7.41% 28 75th percentile estimate 4.61% 29 (\$000) 2(ii): Information Supporting the ROI 30 31 Total opening RAB value 483,088 32 33 plus Opening deferred tax (39,311 34 Opening RIV 443,777 35 36 Line charge revenue 37 38 Expenses cash outflow 18,497 39 plus Assets commissioned 13,479 40 less Asset disposals 101 41 Tax payments plus 3,204 Other regulated income 42 less (89 35 169 43 Mid-year net cash flows 44 45 Term credit spread differential allowance 46 47 Total closing RAB value 501,556 48 Adjustment resulting from asset allocation (115) less Lost and found assets adjustment 49 less 50 plus Closing deferred tax (39.566 51 Closing RIV 462,105 52 ROI – comparable to a vanilla WACC 53 9.24% 54 55 Leverage (%) 42% Cost of debt assumption (%) 56 57 Corporate tax rate (%) 58 59 ROI – comparable to a post tax WACC 8.62% 60



	Company Name Vector							
				For Year Ended		30 June 2023		
SCHEDULE 2: REPORT ON RETURN ON INVESTMENT								
This schedule requires information on the Return on Investment (ROI) for the GDB relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC. GDBs must calculate their ROI based on a monthly basis if required by clause 2.3.3 of the ID Determination or if they elect to. If a GDB makes this election, information supporting this calculation must								
	ulate their ROI based on a monthly basis if required provided in 2(iii).	by clause 2.3.3 of the ID D	etermination or if they	elect to. If a GDB mak	es this election, info	rmation supporting	this calculation must	
	Bs must provide explanatory comment on their ROI information is part of audited disclosure information			n) and so is subject to	the assurance reno	art required by section	ın 2 8	
ch rej		511 (d3 de1111ed 111 3eetieli 21	To the 15 determinate	.,,, a.i.a 50 i5 5a5,eec t	the assurance repe	revequired by seems	2.0.	
61	2(iii): Information Supporting the	Monthly ROI						
62								
63 64	Opening RIV						N/A	
65				(\$000)				
cc		Line charge	Expenses cash	Assets commissioned	Asset disposals	Other regulated	Monthly net cash	
66 67	Month 1	revenue	outflow	commissioned		income	outflows -	
68	Month 2						-	
69	Month 3						-	
70	Month 4						-	
71 72	Month 5 Month 6						-	
73	Month 7						-	
74	Month 8						-	
75	Month 9						-	
76 77	Month 10 Month 11						-	
78	Month 12						-	
79	Total	-	-	-	-	-	-	
80								
81 82	Tax Payments						N/A	
83	Term credit spread differential allow	vance					N/A	
84								
85	Closing RIV						N/A	
86 87								
88	Monthly ROI – comparable to a van	illa WACC					N/A	
89								
90	Monthly ROI – comparable to a pos	t tax WACC					N/A	
91 92	2(iv): Year-End ROI Rates for Con	nparison Purposes						
93	z(m). Tear zina Normates for con	.parison r ai poses						
94	Year-end ROI – comparable to a van	illa WACC					8.98%	
95								
96 97	Year-end ROI – comparable to a pos	t tax WACC					8.37%	
98	* these year-end ROI values are compar	able to the ROI reported in	pre 2012 disclosures by	GDBs and do not rep	resent the Commissi	on's current view on	ROI.	
99								
100 101	2(v): Financial Incentives and Wa	sn-Ups						
102	Financial incentives						-	
103								
104	Impact of financial incentives on ROI						-	
105	Input methodology claw-back						ו	
106 107	CPP application recoverable costs					-		
108	Catastrophic event allowance					-	-	
109	Capex wash-up adjustment					-		
110	Other wash-ups					-		
111 112	Wash-up costs						-	
113	Impact of wash-up costs on ROIs						-	



Company Name Vector 30 June 2023 For Year Ended **SCHEDULE 3: REPORT ON REGULATORY PROFIT** This schedule requires information on the calculation of regulatory profit for the GDB for the disclosure year. GDBs must complete all sections and must provide explanatory comment on their regulatory profit in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8. sch ref (\$000) 3(i): Regulatory Profit 8 57,808 9 Line charge revenue 10 Gains / (losses) on asset disposals (89) Other regulated income (other than gains / (losses) on asset disposals) 11 plus 12 57,719 Total regulatory income Expenses 16,175 15 less Operational expenditure 2,322 less Pass-through and recoverable costs excluding financial incentives and wash-ups 17 18 39,222 Operating surplus / (deficit) 19 20 21 less Total depreciation 23,862 22 plus Total revaluations 29,067 23 24 44,427 25 Regulatory profit / (loss) before tax 26 Term credit spread differential allowance 497 27 28 3,460 29 less Regulatory tax allowance 30 Regulatory profit/(loss) including financial incentives and wash-ups 40,471 31 32 3(ii): Pass-through and recoverable costs excluding financial incentives and wash-ups (\$000) 33 Pass through costs 34 35 Rates 1,209 1 040 Commerce Act levies 36 37 Industry Levies 38 CPP specified pass through costs 39 Recoverable costs excluding financial incentives and wash-ups 40 Urgent project allowance 41 Other recoverable costs excluding financial incentives and wash-ups 2,322 42 Pass-through and recoverable costs excluding financial incentives and wash-ups 43 44 45 3(iv): Merger and Acquisition Expenditure 46 47 (\$000) 48 Merger and acquisition expenditure 49 Provide commentary on the benefits of merger and acquisition expenditure to the gas distribution business, including required disclosures in accordance with section 2.7, in Schedule 14 (Mandatory Explanatory Notes) 50 (\$000) 51 3(v): Other Disclosures 52 53 (\$000) 54 Self-insurance allowance



					ompany Name For Year Ended		Vector 30 June 2023	
Th	is schedule	LE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FO requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this disclosure year. T vlandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 o	his informs the R0					of their RAB in
sch re	·							
7 8	4(i):	Regulatory Asset Base Value (Rolled Forward)	for year ended	RAB 30 Jun 19	RAB 30 Jun 20	RAB 30 Jun 21	RAB 30 Jun 22	RAB 30 Jun 23
9 10		Total opening RAB value		(\$000) 406,008	(\$000) 424,028	(\$000) 434,256	(\$000) 451,131	(\$000) 483,088
11 12	less	Total depreciation		11,433	12,159	12,684	13,555	23,862
13 14	nlus	Total revaluations		6,794	6,156	14,499	32,827	29,067
15								
16 17	plus	Assets commissioned		22,067	16,315	15,572	13,519	13,479
18 19	less	Asset disposals		19	48	280	725	101
20 21	plus	Lost and found assets adjustment		-	-	-	-	-
22	plus	Adjustment resulting from asset allocation		611	(36)	(232)	(109)	(115)
23 24 25		Total closing RAB value		424,028	434,256	451,131	483,088	501,556
26	4(ii):	Unallocated Regulatory Asset Base						
27 28					Unallocate (\$000)	ed RAB * (\$000)	(\$000)	(\$000)
29	/	Total opening RAB value				512,728		483,088
32	less	Adjustment to opening RAB value				150		
30 31	less	Total depreciation			[36,128		23,862
32 33	plus	Total revaluations			Г	30,543	Г	29,067
34	plus			Г	50,580		12.470	
35 36		Assets commissioned (other than below) Assets acquired from a regulated supplier			50,580		13,479	
37 38		Assets acquired from a related party Assets commissioned		L		50,580		13,479
39	less				224		404	
40 41		Asset disposals (other than below) Asset disposals to a regulated supplier		_	224		101	
42 43		Asset disposals to a related party Asset disposals		L		224		101
44							-	
45 46	plus	Lost and found assets adjustment			L		L	
47 48	plus	Adjustment resulting from asset allocation					L	(115)
49		Total closing RAB value				557,350		501,556
50 51		unallocated RAB' is the total value of those assets used wholly or partially to provide gas distribution services withou s. The RAB value represents the value of these assets after applying this cost allocation. Neither value includes work			cation of costs to se	vices provided by the	e supplier that are no	ot gas distribution
52	4(iii)	Calculation of Revaluation Rate and Revaluation of Assets						
53 54		CPI ₄					Г	1,231
55		CPI ₄ ⁻⁴						1,161 6.03%
56 57		Revaluation rate (%)					L	
58 59					Unallocate (\$000)	ed RAB * (\$000)	(\$000)	(\$000)
60	lecc	Total opening RAB value			512,728 150		483,088	
61	less less				5,996		989	
62 63		Total opening RAB value subject to revaluation			506,582		482,100	
64 65		Total revaluations			L	30,543	L	29,067
66	4(iv):	Roll Forward of Works Under Construction						
67					Unallocated v	ction	Allocated works un	
68 69	plus	Works under construction—preceding disclosure year Capital expenditure		Г	54,443	11,791	15,021	3,092
70	less	Assets commissioned			50,580		13,479	
71 72	plus	Adjustment resulting from asset allocation Works under construction - current disclosure year				15,654	-	4,634
73 74		Highest rate of capitalised finance applied					Г	4.44%
75								
76	4(v):	Regulatory Depreciation						
77 78					Unallocated RAB * (\$000)	(\$000)	RAB (\$000)	(\$000)
79 80		Depreciation - standard Depreciation - no standard life assets			22,179 13,949		22,179 1,683	
81 82		Depreciation - modified life assets Depreciation - alternative depreciation in accordance with CPP						
83		Depreciation - alternative depreciation in accordance with CPP Total depreciation		L		36,128		23,862
84								
85	4(vi):	Disclosure of Changes to Depreciation Profiles			(\$000 u	nless otherwise spec	cified)	



	Company Name Vector										
	For Year Ende								30 June 2023		
TI	SCHEDULE 4: REPORT ON VALUE OF THE REGULATORY ASSET BASE (ROLLED FORWARD) This schedule requires information on the calculation of the Regulatory Asset Base (RAB) value to the end of this disclosure year. This informs the ROI calculation in Schedule 2. GDBs mu Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assuran										ue of their RAB in
50	scredule 14 (Mandatory Explanatory Notes). This information is	part of audited di	isciosure informa	tion (as defined	in section 1.4	or the ID determinat	lon), and so is subje	ct to the assurance r	eport required by se	cuon 2.8.	
sch re	ref										
	Asset or assets with changes to								Depreciation charge for the	Closing RAB value under 'non- standard'	Closing RAB value under 'standard'
86					Re	ason for non-standa	ard depreciation (te	ext entry)	period (RAB)	depreciation	depreciation
87											
88											
89											
90											<u> </u>
91											_
92											_
93 94											+
95	* include additional rows if needed										
95											
	4(vii): Disclosure by Asset Category					(\$000 ur	nless otherwise spe	cified)			
96	4(vii): Disclosure by Asset Category	Intermediate	Medium	Low pressure		(\$000 ur	nless otherwise spe	cified)			
96 97	4(vii): Disclosure by Asset Category	pressure main	pressure main	main				·	Other network	Non-network	Total
96 97 98	4(vii): Disclosure by Asset Category	pressure main pipelines	pressure main pipelines	main pipelines	Service pipe	Stations	Line valve	Special crossings	assets	assets	Total
96 97 98 99	4{vii}: Disclosure by Asset Category Total opening RAB value	pressure main pipelines 50,213	pressure main pipelines 294,814	main pipelines 9,814	Service pipe 97,523	Stations 6,849	Line valve	Special crossings	assets 10,578	assets 4,829	483,088
96 97 98 99 100	4{vii}: Disclosure by Asset Category Total opening RAB value Jess Total depreciation	pressure main pipelines 50,213 2,524	pressure main pipelines 294,814 13,874	main pipelines 9,814 562	Service pipe 97,523 3,534	Stations 6,849 458	Line valve 5,373 228	Special crossings 3,095 242	assets 10,578 756	4,829 1,683	483,088 23,862
96 97 98 99 100 101	4(vii): Disclosure by Asset Category Total opening RAB value Jess Total depreciation plus Total revaluations	pressure main pipelines 50,213 2,524 3,010	pressure main pipelines 294,814 13,874 17,767	main pipelines 9,814	97,523 3,534 5,880	Stations 6,849 458 411	Line valve 5,373 228 326	Special crossings 3,095 242 187	assets 10,578 756 635	4,829 1,683 259	483,088 23,862 29,067
96 97 98 99 100 101 102	4(vii): Disclosure by Asset Category Total opening RAB value Iess Total depreciation plus Total revaluations plus Assets commissioned	pressure main pipelines 50,213 2,524	294,814 13,874 17,767 3,144	main pipelines 9,814 562	Service pipe 97,523 3,534	Stations 6,849 458	Line valve 5,373 228	Special crossings 3,095 242	assets 10,578 756	4,829 1,683	483,088 23,862 29,067 13,479
96 97 98 99 100 101	4(vii): Disclosure by Asset Category Total opening RAB value Jess Total depreciation plus Total revaluations plus Assets commissioned Jess Asset disposals	pressure main pipelines 50,213 2,524 3,010	pressure main pipelines 294,814 13,874 17,767	main pipelines 9,814 562	Service pipe 97,523 3,534 5,880 3,158	Stations 6,849 458 411 736	Line valve 5,373 228 326 447	Special crossings 3,095 242 187	assets 10,578 756 635 915	4,829 1,683 259 3,780	483,088 23,862 29,067
96 97 98 99 100 101 102 103	4(vii): Disclosure by Asset Category Total opening RAB value Jess Total depreciation plus Total revaluations plus Assets commissioned Jess Asset disposals plus Lost and found assets adjustment	pressure main pipelines 50,213 2,524 3,010	294,814 13,874 17,767 3,144	main pipelines 9,814 562	Service pipe 97,523 3,534 5,880 3,158	Stations 6,849 458 411 736	Line valve 5,373 228 326 447	Special crossings 3,095 242 187	assets 10,578 756 635 915	4,829 1,683 259 3,780	483,088 23,862 29,067 13,479
96 97 98 99 100 101 102 103 104	4(vii): Disclosure by Asset Category Total opening RAB value Iess Total depreciation plus Total revaluations plus Assets commissioned Iess Asset disposals plus Lost and found assets adjustment plus Adjustment resulting from asset allocation	pressure main pipelines 50,213 2,524 3,010	294,814 13,874 17,767 3,144	main pipelines 9,814 562	Service pipe 97,523 3,534 5,880 3,158	Stations 6,849 458 411 736	Line valve 5,373 228 326 447	Special crossings 3,095 242 187	assets 10,578 756 635 915	4,829 1,683 259 3,780	483,088 23,862 29,067 13,479 101
96 97 98 99 100 101 102 103 104 105	Total opening RAB value Iess Total depreciation plus Asset commissioned less Asset disposals plus Lost and found assets adjustment plus Adjustment resulting from asset allocation plus Asset category transfers	pressure main pipelines 50,213 2,524 3,010	294,814 13,874 17,767 3,144	main pipelines 9,814 562	Service pipe 97,523 3,534 5,880 3,158	Stations 6,849 458 411 736	Line valve 5,373 228 326 447	Special crossings 3,095 242 187	assets 10,578 756 635 915	4,829 1,683 259 3,780	483,088 23,862 29,067 13,479 101
96 97 98 99 100 101 102 103 104 105 106	Total opening RAB value Iess	pressure main pipelines 50,213 2,524 3,010 457	pressure main pipelines	main pipelines 9,814 562 592	Service pipe 97,523 3,534 5,880 3,158 11	Stations 6,849 458 411 736 38	5,373 228 326 447 0	Special crossings	3ssets 10,578 756 635 915 30 -	358ts 4,829 1,683 259 3,780 12 (115)	483,088 23,862 29,067 13,479 101 - (115)
96 97 98 99 100 101 102 103 104 105 106 107	Total opening RAB value Iess Total depreciation plus Total revaluations plus Assets commissioned Iess Asset disposals plus Lost and found assets adjustment plus Adjustment resulting from asset allocation plus Asset category transfers Total closing RAB value	pressure main pipelines 50,213 2,524 3,010 457	pressure main pipelines	main pipelines 9,814 562 592	Service pipe 97,523 3,534 5,880 3,158 11	Stations 6,849 458 411 736 38	5,373 228 326 447 0	Special crossings	3ssets 10,578 756 635 915 30 -	358ts 4,829 1,683 259 3,780 12 (115)	483,088 23,862 29,067 13,479 101 - (115)
96 97 98 99 100 101 102 103 104 105 106 107 108	Total opening RAB value Iess Total depreciation plus Total revaluations plus Asset commissioned Iess Asset commissioned Iess Asset disposals plus Lost and found assets adjustment plus Adjustment resulting from asset allocation plus Asset category transfers Total closing RAB value Asset Life Weighted average remaining asset life Weighted average remaining asset life Weighted average remaining asset life Total closing RAB value Asset Life Weighted average remaining asset lif	pressure main pipelines 50,213 2,524 3,010 457	pressure main pipelines	main pipelines 9,814 562 592	Service pipe 97,523 3,534 5,880 3,158 11	Stations 6,849 458 411 736 38	5,373 228 326 447 0	Special crossings	3ssets 10,578 756 635 915 30 -	358ts 4,829 1,683 259 3,780 12 (115)	483,088 23,862 29,067 13,479 101 - (115)



Vector Company Name 30 June 2023 For Year Ended SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE This schedule requires information on the calculation of the regulatory tax allowance. This information is used to calculate regulatory profit/loss in Schedule 3 (regulatory profit). GDBs must provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section sch ref 5a(i): Regulatory Tax Allowance (\$000) 44,427 Regulatory profit / (loss) before tax 10 Income not included in regulatory profit / (loss) before tax but taxable 11 Expenditure or loss in regulatory profit / (loss) before tax but not deductible 570 Amortisation of initial differences in asset values 12 2.445 13 Amortisation of revaluations 4,411 7,435 14 15 29,067 16 Total revaluations Income included in regulatory profit / (loss) before tax but not taxable 17 Expenditure or loss deductible but not in regulatory profit / (loss) before tax 417 18 19 10,022 Notional deductible interest 20 39,506 21 12,356 22 Regulatory taxable income 23 Utilised tax losses 24 less 25 12,356 Regulatory net taxable income 26 27 Corporate tax rate (%) 28 Regulatory tax allowance 3.460 29 * Workings to be provided in Schedule 14 30 31 32 5a(ii): Disclosure of Permanent Differences 33 In Schedule 14, Box 5, provide descriptions and workings of items recorded in the asterisked categories in Schedule 5a(i). 5a(iii): Amortisation of Initial Difference in Asset Values (\$000) 34 35 Opening unamortised initial differences in asset values 73,354 36 37 Amortisation of initial differences in asset values less 38 plus Adjustment for unamortised initial differences in assets acquired 39 Adjustment for unamortised initial differences in assets disposed less Closing unamortised initial differences in asset values 70,849 40 41 Opening weighted average remaining useful life of relevant assets (years) 30 42 43 (\$000) 5a(iv): Amortisation of Revaluations 44 45 46 Opening sum of RAB values without revaluations 393,067 47 19,451 48 Adjusted depreciation 49 Total depreciation 23,862 4,411 50 Amortisation of revaluations 51 5a(v): Reconciliation of Tax Losses (\$000) 52 53 54 Opening tax losses 55 plus Current period tax losses 56 less Utilised tax losses 57 Closing tax losses 5a(vi): Calculation of Deferred Tax Balance (\$000) 58 59 60 Opening deferred tax (39,311) 61 5,446 plus 62 Tax effect of adjusted depreciation



Company Name Vector 30 June 2023 For Year Ended **SCHEDULE 5a: REPORT ON REGULATORY TAX ALLOWANCE** This schedule requires information on the calculation of the regulatory tax allowance. This information is used to calculate regulatory profit/loss in Schedule 3 (regulatory profit). GDBs must provide explanatory commentary on the information disclosed in this schedule, in Schedule 14 (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section sch ref 5,486 64 less Tax effect of tax depreciation 65 483 66 plus Tax effect of other temporary differences* 67 685 Tax effect of amortisation of initial differences in asset values 68 less 69 70 plus Deferred tax balance relating to assets acquired in the disclosure year 71 72 less Deferred tax balance relating to assets disposed in the disclosure year 73 74 Deferred tax cost allocation adjustment plus 75 (39,566) 76 Closing deferred tax 77 5a(vii): Disclosure of Temporary Differences 78 In Schedule 14, Box 6, provide descriptions and workings of items recorded in the asterisked category in Schedule 5a(vi) (Tax effect of other temporary 79 80 5a(viii): Regulatory Tax Asset Base Roll-Forward 81 82 (\$000) 171,411 83 Opening sum of regulatory tax asset values 84 less Tax depreciation 19,593 85 plus Regulatory tax asset value of assets commissioned 14,490 86 less Regulatory tax asset value of asset disposals 78 87 plus Lost and found assets adjustment 88 Adjustments resulting from asset allocation (112) 89 Other adjustments to the RAB tax value plus 90 Closing sum of regulatory tax asset values 166,118



			Company Name	Vector	
			For Year Ended	30 June 2023	
SC	CHEDULE !	5b: REPORT ON RELATED PAR	TY TRANSACTIONS		
	•	ides information on the valuation of related par	•		h de 20
Inis	s information is	part of audited disclosure information (as defin	ned in clause 1.4 of the ID determinati	ion), and so is subject to the assurance report required I	by clause 2.8.
sch rej	f				
]					
7	5b(i): Su	mmary—Related Party Transaction	ons	(\$000)	(\$000)
8	1	otal regulatory income			2,506
9					
10	ı	Market value of asset disposals			
11 12		Service interruptions, incidents and emergen	rior		1
13		Routine and corrective maintenance and insp			
14		Asset replacement and renewal (opex)			.]
15		Network opex			-
16		Business support			<u>-</u>
17		System operations and network support		542	
18	,	Operational expenditure			542
19 20		Consumer connection System growth			1
21		Asset replacement and renewal (capex)			
22		Asset relocations			
23		Quality of supply			-
24		Legislative and regulatory			<u>:</u>
25		Other reliability, safety and environment Expenditure on non-network assets			1
26 27		Expenditure on assets			
28		Cost of financing			_
29		Value of capital contributions			_
30		Value of vested assets			_
31		Capital expenditure			-
32 33	'	Total expenditure			542
34	(Other related party transactions			_
35	5b(iii): T	otal Opex and Capex Related Par	ty Transactions		
					Total value of
			Nature of opex or capex		transactions
36	_	Name of related party	service provided		(\$000)
37	_	/ector Communications Limited	System operations and network supp		78
38	<u>\</u>	/ector Technology Solutions Limited	System operations and network supp	port	464
39 40					†
51	_				
52	_	Total value of related party transactions			542
53	•	include additional rows if needed			
54					
		n accordance with clause 2.3.8 of the ID determ party transactions in the disclosure year and the		onnection between Vector and the related parties with very is disclosed below.	vhich it has had related
	•	L) Vector Communications Limited:		•	
	-	Relationship: a wholly owned subsidiary of	Vector limited		
		Principal activities: network communication	ns services		
		• OPEX: \$78k			
	2	2) Vector Technology Solutions Limited			
		 Relationship: a wholly owned subsidiary of Principal activities: digital and technology s 			
		Opex: \$464k	ici vices		
	3	 Relationship: a wholly owned subsidiary of 	Vector Limited		
		Principal activities: gas distribution services			
		• Income: \$2,506k			



Company Name

For Year Ended

Vector

30 June 2023

Book value at

SCHEDULE 5c: REPORT ON TERM CREDIT SPREAD DIFFERENTIAL ALLOWANCE

This schedule is only to be completed if, as at the date of the most recently published financial statements, the weighted average original tenor of the debt portfolio (both qualifying debt and non-qualifying debt) is greater than five years. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.

	sch r	ef
	7	
ı		

5c(i): Qualifying Debt (may be Commission only)

						BOOK Value at		
			Original tenor (in		Book value at	date of financial	Term Credit	Debt issue cost
Issuing party	Issue date	Pricing date	years)	Coupon rate (%)	issue date (NZD)	statements (NZD)	Spread Difference	readjustment
[]VCI	13-Jan-20	20-Dec-19	5	BKBM + []VCI			i	
[]VCI	1-Jul-21	28-Jun-21	5	BKBM + []VCI			i	
[]VCI	1-Jul-21	28-Jun-21	5	BKBM + []VCI			ł l	
[]VCI	30-Jul-21	29-Jul-21	3	BKBM + []VCI			i	
[]VCI	30-Jul-21	29-Jul-21	3	BKBM + []VCI			i	
[]VCI	30-Jul-21	29-Jul-21	3	BKBM + []VCI			i	
[]VCI	16-Sep-22	29-Jul-21	3	BKBM + []VCI			i	
Subtotal of bank facilities- variable rate					-	(565)	[]VCI	[]VCI
Capital bonds – fixed rate	15-Jun-22	14-Jun-22	5	6.23	307,205	305,730	[]vcɪ	[]vcɪ
Wholesale Bonds- fixed rate Mar17	14-Mar-17	3-Mar-17	7	4.996	100,000		[]VCI	[]VCI
Wholesale Bonds- fixed rate Jun18	25-Jun-18	21-Jun-18	5.7	4.996	140,000		[]VCI	[]VCI
Wholesale Bonds- fixed rate Oct20	6-Oct-20	1-Oct-20	6	1.575	170,000		[]VCI	[]VCI
Subtotal of wholesale bonds- variable rate					410,000	410,443	[]vci	[]vci
Senior notes - 2020 USPP 12yr	12-Mar-20	4-Mar-20	12	[]VCI	573,888		[]VCI	[]VCI
Senior notes - 2020 USPP 15 yr	12-Mar-20	4-Mar-20	15	[]VCI	223,179		[]VCI	[]VCI
Senior notes - 2017 USPP 10yr	25-Oct-17	28-Sep-17	10	[]VCI	277,200		[]VCI	[]VCI
Senior notes - 2017 USPP 12yr	25-Oct-17	28-Sep-17	12	[]VCI	138,600		[]VCI	[]VCI
Subtotal of senior notes - USD fixed rate					1,212,867	1,083,645	[]vcɪ	[]VCI
Unsubordinated bond May 19	27-May-19	16-May-19	6	3.45	250,000		[]VCI	[]VCI
Unsubordinated bond Nov 21	26-Nov-21	18-Nov-21	6	3.69	225,000		[]VCI	[]VCI
Unsubordinated bond					475,000	469,649	[]vci	[]vci
* include additional rows if needed						2,268,902	[]VCI	[]VCI

5c(ii): Attribution of Term Credit Spread Differential

Gross term credit spread differential

Total book value of interest bearing debt Leverage Average opening and closing RAB values

Attribution Rate (%)

Term credit spread differential allowance

5,450

9%

2,268,902 42%



					Company Name For Year Ended		Vector 30 June 2023	
Th	CHEDULE 5d: REPORT ON COST ALLOC. is schedule provides information on the allocation of operatio is information is part of audited disclosure information (as def	nal costs. GDBs must provide explanator				etes), including on the	e impact of any recla	assifications.
sch re	f							
7 8	5d(i): Operating Cost Allocations				Value alloca	tad (\$000c)		
8					Value alloca	Non-gas		
9				Arm's length deduction	Gas distribution services	distribution services	Total	OVABAA allocation increase (\$000s)
10	Service interruptions, incidents and emer	rgencies						
11 12	Directly attributable Not directly attributable				2,543			
13	Total attributable to regulated service				2,543			
14	Routine and corrective maintenance and	inspection						
15 16	Directly attributable Not directly attributable				3,747			
17	Total attributable to regulated service				3,747			<u> </u>
18	Asset replacement and renewal							
19 20	Directly attributable Not directly attributable				-	-		_
21	Total attributable to regulated service				-			
22 23	System operations and network support Directly attributable				2,325			
24	Not directly attributable				1,037	8,402	9,439	_
25	Total attributable to regulated service				3,362			
26 27	Business support Directly attributable				326			
28	Not directly attributable				6,197	62,784	68,981	-
29 30	Total attributable to regulated service				6,523			
31	Operating costs directly attributable				8,941			
32	Operating costs not directly attributable Operational expenditure				7,234	71,186	78,420	-
33 34	Operational expenditure				16,175			
35	5d(ii): Other Cost Allocations				Value alloca	ted (\$000s) Non-gas		
				Arm's length	Gas distribution	distribution		OVABAA allocation
36 37	Pass through and recoverable costs Pass through costs			deduction	services	services	Total	increase (\$000s)
38	Directly attributable				2,322			
39	Not directly attributable				-	-		-
40 41	Total attributable to regulated service Recoverable costs				2,322			
42	Directly attributable							
43	Not directly attributable				-	-	-	-
44	Total attributable to regulated service							
45	5d(iii): Changes in Cost Allocations* †					***		
46 47	Change in cost allocation 1					(\$0 CY-1	Current Year (CY)	
48	Cost category				Original allocation]
49 50	Original allocator or line items New allocator or line items				New allocation Difference			
51								1
52 53	Rationale for change							
54								1
55	Characia and allocation 2					(\$0		
56 57	Change in cost allocation 2 Cost category				Original allocation	CY-1	Current Year (CY)]
58	Original allocator or line items				New allocation			
59 60	New allocator or line items				Difference	-		J
								1
61	Rationale for change							
	Rationale for change							J
61 62 63 64						(\$0		
61 62 63 64 65	Change in cost allocation 3				Original allocation	(\$0 CY-1	00) Current Year (CY)]
61 62 63 64 65 66 67	Change in cost allocation 3 Cost category Original allocator or line items				Original allocation New allocation			
61 62 63 64 65 66 67 68	Change in cost allocation 3 Cost category				-			
61 62 63 64 65 66 67 68 69 70	Change in cost allocation 3 Cost category Original allocator or line items				New allocation			
61 62 63 64 65 66 67 68 69 70 71	Change in cost allocation 3 Cost category Original allocator or line items New allocator or line items				New allocation			
61 62 63 64 65 66 67 68 69 70	Change in cost allocation 3 Cost category Original allocator or line items New allocator or line items	cost allocator change that has occurred	in the disclosure year. A moveme	nt in an allocator met	New allocation Difference	CY-1	Current Year (CY)	



		Company Name		Vector 30 June 2023
S	CHEDULE 5e: REPORT ON ASSET ALLOC	For Year Ended ATIONS		30 Julie 2023
in :		ues. This information supports the calculation of the RAB value in Schedule 4. impact of any changes in asset allocations. This information is part of audited d by section 2.8.		
sch re	5e(i): Regulated Service Asset Values			
	Se(1). Regulated Service Asset Values		Value allocated	
8			(\$000s) Gas distribution	
9 10	Main pipe		services	
11	Directly attributable		362,841	
12	Not directly attributable		252.044	
13 14	Total attributable to regulated service Service pipe		362,841	
15	Directly attributable		103,015	
16	Not directly attributable		102.015	
17 18	Total attributable to regulated service Stations		103,015	
19	Directly attributable		7,500	
20	Not directly attributable		7.500	
21 22	Total attributable to regulated service Line valve		7,500	
23	Directly attributable		5,917	
24	Not directly attributable		-	
25 26	Total attributable to regulated service Special crossings		5,917	
27	Directly attributable		3,884	
28	Not directly attributable		2.004	
29 30	Total attributable to regulated service Other network assets		3,884	
31	Directly attributable		11,341	
32	Not directly attributable		-	
33 34	Total attributable to regulated service Non-network assets	· ·	11,341	
35	Directly attributable		1,285	
36	Not directly attributable		5,773	
37 38	Total attributable to regulated service		7,058	
39	Regulated service asset value directly attributable		495,783	
40 41	Regulated service asset value not directly attribut Total closing RAB value	able	5,773 501,556	
42	Total closing the value		301,330	
43	5e(ii): Changes in Asset Allocations* †			
44				(4000)
45 46	Change in asset value allocation 1			(\$000) CY-1 Current Year (CY)
47	Asset category		Original allocation	CI-1 Current rear (Cr)
48	Original allocator or line items		New allocation Difference	
49 50	New allocator or line items		Difference	-
51	Rationale for change			
52 53				
54				(\$000)
55 56	Change in asset value allocation 2 Asset category		Original allocation	CY-1 Current Year (CY)
57	Original allocator or line items		New allocation	
58	New allocator or line items		Difference	
59 60	Rationale for change			
61				
62 63				(\$000)
64	Change in asset value allocation 3			CY-1 Current Year (CY)
65 66	Asset category Original allocator or line items		Original allocation New allocation	
67	New allocator or line items		Difference	
68				
69 70	Rationale for change			
71				
72 73	component. + include additional rows if needed			
13	- metade additional rows ij fleeded			



	Company Name	Vector	
	For Year Ended	30 June 202	23
9	SCHEDULE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR		
Т	This schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of wi	hich capital contribution	s are received, but
е	excluding assets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and mus		
	GDBs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory notes to templates).		
Т	This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assi	urance report required b	y section 2.8.
sch i	ref		
	C-(1) Face of Physics Accepts	(6000)	(6000)
7	1, 1, 1	(\$000)	(\$000)
8			14,978
9			803
10	2 Asset replacement and renewal		4,589
11	1 Asset relocations		1,225
12	Reliability, safety and environment:		1
13	Quality of supply	-	
14	4 Legislative and regulatory	-	
15	Other reliability, safety and environment	236	
16	Total reliability, safety and environment		236
17	7 Expenditure on network assets		21,831
18	8 Expenditure on non-network assets		4,122
19			
20	Expenditure on assets		25,953
21	1 plus Cost of financing		(41)
22	2 less Value of capital contributions		10,891
23	· · · · · · · · · · · · · · · · · · ·		-
24			
25	Capital expenditure		15,021
26	6a(ii): Subcomponents of Expenditure on Assets (where known)		(\$000)
27			_
2,	Research and development		
28	6a(iii): Consumer Connection		
		(\$000)	(\$000)
29	,, ,		(3000)
30		3,823	
31	1	10,468	
32		687	
33	3		
34			
35	* include additional rows if needed		
36			14,978
37			
38		8,755	
39			6,223
40			
41			Asset
41	6a(iv): System Growth and Asset Replacement and Renewal	Surtan Savet	Replacement and
41	6a(iv): System Growth and Asset Replacement and Renewal	System Growth	Replacement and Renewal
41 42 43	6a(iv): System Growth and Asset Replacement and Renewal	System Growth (\$000)	Replacement and
41 42 43 44	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure		Replacement and Renewal (\$000)
41 42 43 44 45	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe		Replacement and Renewal
41 42 43 44 45 46	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe	(\$000)	Replacement and Renewal (\$000)
41 42 43 44 45 46 47	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations		Replacement and Renewal (\$000)
41 42 43 44 45 46 47 48	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve	(\$000)	Replacement and Renewal (\$000)
41 42 43 44 45 46 47 48 49	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings	(\$000)	Replacement and Renewal (\$000) 908 - 573 - 702
41 42 43 44 45 46 47 48	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings	(\$000)	Replacement and Renewal (\$000)
41 42 43 44 45 46 47 48 49	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total	(\$000)	Replacement and Renewal (\$000) 908 - 573 - 702
41 42 43 44 45 46 47 48 49	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure	(\$000)	Replacement and Renewal (\$000) 908 - 573 - 702
41 42 43 44 45 46 47 48 49 50	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe	209	Replacement and Renewal (\$000) 908
41 42 43 44 45 46 47 48 49 50 51 52	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe	209	Replacement and Renewal (\$000) 908
41 42 43 44 45 46 47 48 49 50 51 52 53	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Service pipe Stations	209	Replacement and Renewal (\$000) 908
41 42 43 44 45 46 47 48 49 50 51 52 53 54	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Service pipe Stations Line valve Line valve Line valve	209	Replacement and Renewal (\$000) 908
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Line valve Special crossings Service pipe Stations Line valve Special crossings	209	Replacement and Renewal (\$000) 908
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Service pipe Service pipe Service pipe Service pipe Service pipe Stations Line valve Special crossings Medium pressure - Special crossings	(\$000) 209 209 209 594	Replacement and Renewal (\$000) 908
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure - total Low pressure	(\$000) 209 209 209 594	Replacement and Renewal (\$000) 908
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Line valve Special crossings Line valve Special crossings Medium pressure - total Low pressure Main pipe Low pressure - Main pipe Medium pressure - total Low pressure Main pipe	(\$000) 209 209 209 594	Replacement and Renewal (\$000) 908
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Line valve Special crossings Line valve Special crossings Medium pressure - total Low pressure - total Low pressure - Main pipe Service pipe Service pipe Service pipe	(\$000) 209 209 209 594	Replacement and Renewal (\$000) 908
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure Main pipe Service pipe Main pipe Service pipe Stations Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Service pipe Line valve	(\$000) 209 209 209 594	Replacement and Renewal (\$000) 908
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure - total Low pressure - Main pipe Service pipe Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings	(\$000) 209 209 209 594	Replacement and Renewal (\$000) 908
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure - total Low pressure - Main pipe Service pipe Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings	(\$000) 209 209 209 594	Replacement and Renewal (\$000) 908
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Low pressure - total	(\$000) 209 209 209 594	Replacement and Renewal (\$000) 908
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Low pressure - total Other network assets	(\$000) 209 209 209 594	Replacement and Renewal (\$000) 908
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Low pressure Main pipe Service pipe Line valve Special crossings Low pressure - total Other network assets Monitoring and control systems	(\$000) 209 209 209 594	Replacement and Renewal (\$000) 908
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 55 66 61 62 63 64 65 66	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Line valve Special crossings Low pressure - total Other network assets Monitoring and control systems Cathodic protection systems	(\$000) 209 209 209 594	Replacement and Renewal (\$000) 908
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 65 77 62 63 64 65 66 66 67	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure Main pipe Service pipe Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Low pressure - total Other network assets Monitoring and control systems Cathodic protection systems Cother assets (other than above)	(\$000) 209 209 209 594	Replacement and Renewal (\$000) 908
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 67 66 67 68	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Low pressure - total Other nessure - total	(\$000) 209 209 209 594	Replacement and Renewal (\$000) 908
411 422 433 444 455 466 477 488 499 500 511 522 533 544 555 566 577 588 599 600 611 622 633 644 656 666 667 668 669 669 669 669 669 669 669 669 669	fall (iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure - total Low pressure - total Low pressure - total Low pressure - total Continuation pipe Service pipe Line valve Special crossings Medium pressure - total Continuation pipe Line valve Special crossings Low pressure - total Other network assets Monitoring and control systems Cathodic protection systems Other assets (other than above) Other network assets - total	(\$000)	Replacement and Renewal (\$000) 908
411 422 433 444 455 466 477 488 499 500 511 522 533 554 555 566 577 588 699 70	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure Main pipe Service pipe Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Low pressure - total Other network assets Monitoring and control systems Cathodic protection systems Other assets (other than above) Other network assets - total	(\$000)	Replacement and Renewal (\$000) 908
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 69 70 71 60 60 60 60 60 60 60 60 60 60	6a(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure-total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure-total Low pressure Main pipe Service pipe Line valve Special crossings Medium pressure-total Low pressure Monitoring and control systems Cathodic protection systems Other network assets - total System growth and asset replacement and renewal expenditure less Capital contributions funding system growth and asset replacement and renewal	(\$000) (\$000) 209 209 594 594	Replacement and Renewal (\$000) 908
411 422 433 444 455 466 477 488 499 500 511 522 533 554 555 566 577 588 699 70	Ga(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Medium pressure - total Low pressure Monitoring and control systems Cathodic protection systems Other network assets Other network assets - total System growth and asset replacement and renewal expenditure less Capital contributions funding system growth and asset replacement and renewal	(\$000)	Replacement and Renewal (\$000) 908
411 422 433 444 455 500 511 522 533 544 555 566 577 588 599 600 611 622 633 644 655 666 677 677 717 727	Ga(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Low pressure - total System growth and asset replacement and renewal expenditure System growth and asset replacement and renewal espenditure System growth and asset replacement and renewal espenditure System growth and asset replacement and renewal espenditure	(\$000) (\$000) 209 209 594 594	Replacement and Renewal (\$000) 908
411 422 433 444 455 50 511 522 533 544 555 566 577 588 599 600 611 626 636 646 657 668 669 700 711 722 733	Ga(iv): System Growth and Asset Replacement and Renewal Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Low pressure - total System growth and asset replacement and renewal expenditure System growth and asset replacement and renewal less capital contributions Ga(v): Asset Relocations	(\$000)	Replacement and Renewal (\$000) 908
411 422 433 444 455 466 477 488 499 500 511 522 533 544 555 566 661 627 636 666 677 671 672 673 674 677 677 677 677 677 677 677 677 677	Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Low pressure - total Other network assets Monitoring and control systems Cathodic protection systems Other assets (other than above) Other network assets - total System growth and asset replacement and renewal expenditure Less Capital contributions funding system growth and asset replacement and renewal System growth and asset replacement and renewal less capital contributions Ga(v): Asset Relocations Project or programme*	(\$000)	Replacement and Renewal (\$000) 908
411 422 433 444 455 50 511 522 533 544 555 566 577 588 599 600 611 626 636 646 657 668 669 700 711 722 733	Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Low pressure - total Other network assets Monitoring and control systems Cathodic protection systems Other assets (other than above) Other network assets - total System growth and asset replacement and renewal expenditure Less Capital contributions funding system growth and asset replacement and renewal System growth and asset replacement and renewal less capital contributions Ga(v): Asset Relocations Project or programme*	(\$000)	Replacement and Renewal (\$000) 908
411 422 433 444 455 466 477 488 499 500 511 522 533 545 555 566 677 688 699 700 771 772 773 774 775 776	Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Medium pressure - total Compressure Main pipe Service pipe Line valve Special crossings Low pressure - total Other network assets Monitoring and control systems Cathodic protection systems Other assets (other than above) Other network assets - total System growth and asset replacement and renewal expenditure Capital contributions funding system growth and asset replacement and renewal System growth and asset replacement and renewal less capital contributions Ga(v): Asset Relocations Project or programme*	(\$000)	Replacement and Renewal (\$000) 908
411 422 433 444 455 466 477 488 499 500 511 525 533 544 555 566 661 626 637 646 656 667 677 688 699 700 711 722 733 744 755 756 756 757 757 757 757 757 757 757	Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Medium pressure - total Compressure Main pipe Service pipe Line valve Special crossings Low pressure - total Other network assets Monitoring and control systems Cathodic protection systems Other assets (other than above) Other network assets - total System growth and asset replacement and renewal expenditure Capital contributions funding system growth and asset replacement and renewal System growth and asset replacement and renewal less capital contributions Ga(v): Asset Relocations Project or programme*	(\$000)	Replacement and Renewal (\$000) 908
411 422 433 444 455 466 477 488 499 500 511 522 533 545 555 566 677 688 699 700 771 772 773 774 775 776	Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Low pressure - total Other network assets Monitoring and control systems Cathodic protection systems Other assets (other than above) Other network assets - total System growth and asset replacement and renewal expenditure Less Capital contributions funding system growth and asset replacement and renewal System growth and asset replacement and renewal less capital contributions Fooject or programme*	(\$000)	Replacement and Renewal (\$000) 908
411 422 433 444 455 566 577 588 599 600 611 622 63 646 656 666 677 717 727 737 747 757 767 777	Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Medium pressure Main pipe Service pipe Line valve Special crossings Low pressure - total Other network assets Monitoring and control systems Cathodic protection systems Cathodic protection systems Other assets (other than above) Other network assets - total System growth and asset replacement and renewal expenditure Less Less System growth and asset replacement and renewal less capital contributions 6a(v): Asset Relocations Project or programme*	(\$000)	Replacement and Renewal (\$000) 908
411 422 433 444 455 466 477 488 499 500 511 522 533 555 566 577 588 599 601 612 626 636 646 646 647 647 647 777 747 777 778	Intermediate pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Intermediate pressure - total Medium pressure Main pipe Service pipe Stations Line valve Special crossings Medium pressure - total Low pressure Main pipe Service pipe Line valve Special crossings Low pressure - total Other network assets Monitoring and control systems Cathodic protection systems Other assets (other than above) Other network assets - total System growth and asset replacement and renewal expenditure less Capital contributions funding system growth and asset replacement and renewal System growth and asset replacement and renewal expenditure Ress Ga(V): Asset Relocations Project or programme*	(\$000)	Replacement and Renewal (\$000) 908



		Company Name	Vector
		For Year Ended	30 June 2023
S	CHEDULE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE		
	is schedule requires a breakdown of capital expenditure on assets incurred in the disclosure ye		which capital contributions are received, but
	cluding assets that are vested assets. Information on expenditure on assets must be provided on OBs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explana		nust exclude finance costs.
	is information is part of audited disclosure information (as defined in section 1.4 of the ID dete		ssurance report required by section 2.8.
sch re			1 225
82 83	Asset relocations expenditure less Capital contributions funding asset relocations		1,100
84	Asset relocations less capital contributions		125
	Cale 1). Our library Committee		·
85 86	6a(vi): Quality of Supply Project or programme*		(\$000) (\$000)
87	Project of programme		(3000)
88			
89			<u> </u>
90 91			
92	* include additional rows if needed		
93	All other projects or programmes - quality of supply		-
94	Quality of supply expenditure		
95 96	less Capital contributions funding quality of supply Quality of supply less capital contributions		-
97	See of the september of the second se		
	Columbia Locialative and Deputet		
98	6a(vii): Legislative and Regulatory		(6000) (6000)
99 100	Project or programme*		(\$000) (\$000)
101			
102			
103			
104 105	* include additional rows if needed		
106	All other projects or programmes - legislative and regulatory		-
107	Legislative and regulatory expenditure		-
108 109	less Capital contributions funding legislative and regulatory Legislative and regulatory less capital contributions		
110	Legislative and regulatory less capital contributions		
111	6a(viii): Other Reliability, Safety and Environment		
112 113	Project or programme*		(\$000) (\$000)
114			
115			
116			
117 118	* include additional rows if needed		
119	All other projects or programmes - other reliability, safety and environment		236
120	Other reliability, safety and environment expenditure		236
121 122	less Capital contributions funding other reliability, safety and environment Other reliability, safety and environment less capital contributions		236
122	Other renability, safety and environment less capital contributions		230
123	6a(ix): Non-Network Assets		
124	Routine expenditure		(6000)
125 126	Project or programme*		(\$000) (\$000)
127			
128			
129			
130 131	* include additional rows if needed		
132	All other projects or programmes - routine expenditure		2,894
133	Routine expenditure		2,894
134	Atypical expenditure		
135	Project or programme*		(\$000) (\$000)
136			
137 138			
138			
140			
141	* include additional rows if needed		
142	All other projects or programmes - atypical expenditure		1,228
143 144	Atypical expenditure		1,228
145	Expenditure on non-network assets		4,122



Company Name Vector 30 June 2023 For Year Ended SCHEDULE 6b: REPORT ON OPERATIONAL EXPENDITURE FOR THE DISCLOSURE YEAR This schedule requires a breakdown of operational expenditure incurred in the current disclosure year. GDBs must provide explanatory comment on their operational expenditure in Schedule 14 (Explanatory notes to templates). This includes explanatory comment on any atypical operational expenditure and assets replaced or renewed as part of asset replacement and renewal operational expenditure, and additional information on insurance. This information is part of audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8. sch ref (\$000) 6b(i): Operational Expenditure (\$000) Service interruptions, incidents and emergencies 8 Routine and corrective maintenance and inspection 3,747 10 Asset replacement and renewal Network opex 11 6,290 12 System operations and network support 3,362 13 Business support 14 9,885 Non-network opex 15 16 Operational expenditure 16,175 6b(ii): Subcomponents of Operational Expenditure (where known) 17 18 418 19 Insurance



Company Name Vector 30 June 2023 For Year Ended **SCHEDULE 7: COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE** This schedule compares actual revenue and expenditure to the previous forecasts that were made for the disclosure year. Accordingly, this schedule requires

the forecast revenue and expenditure information from previous disclosures to be inserted.

GDBs must provide explanatory comment on the variance between actual and target revenue and forecast expenditure in Schedule 14 (Mandatory Explanatory Notes). This information is part of the audited disclosure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8. For the purpose of this audit, target revenue and forecast expenditures only need to be verified back to previous disclosures.

sch re				
8	7(i): Revenue	Target (\$000) 1	Actual (\$000)	% variance
9	Line charge revenue	58,700	57,808	(2%)
			· · ·	· · ·
10	7(ii): Expenditure on Assets	Forecast (\$000) ²	Actual (\$000)	% variance
11	Consumer connection	14,096	14,978	6%
12	System growth	1,350	803	(41%)
13	Asset replacement and renewal	3,715	4,589	24%
14	Asset relocations	3,427	1,225	(64%)
15	Reliability, safety and environment:		<u> </u>	
16	Quality of supply	316	-	(100%)
17	Legislative and regulatory	-	-	-
18	Other reliability, safety and environment	556	236	(58%)
19	Total reliability, safety and environment	872	236	(73%)
	Expenditure on network assets	23,460	21,831	(7%)
21	Expenditure on non-network assets	5,535	4,122	(26%)
22	Expenditure on assets	28,995	25,953	(10%)
23	7(iii): Operational Expenditure			
24	Service interruptions, incidents and emergencies	2,377	2,543	7%
25	Routine and corrective maintenance and inspection	3,676	3,747	2%
26	Asset replacement and renewal	-	-	-
27	Network opex	6,053	6,290	4%
28	System operations and network support	3,760	3,362	(11%)
29	Business support	5,615	6,523	16%
30	Non-network opex	9,375	9,885	5%
31	Operational expenditure	15,428	16,175	5%
32	7(iv): Subcomponents of Expenditure on Assets (where known)			
33	Research and development	N/A	-	-
34	7(v): Subcomponents of Operational Expenditure (where known)		
35	Research and development	-	-	-
36	Insurance	354	418	18%
37	1 From the nominal dollar target revenue for the pricing year disclosed under clause 2.4.3(3,	of this determination	n	



2 From the CY+1 nominal dollar expenditure forecasts disclosed in accordance with clause 2.6.6 for the forecast period starting at the beginning of the

disclosure year (the second to last disclosure of Schedules 11a and 11b)

							Company Name For Year Ended	31	Vector June 2023	
								31	Julie 2023	
NULE OF DEDOCT ON DU	I ED OLIANITITIES AND LINE S	HADOE DEVENUES				Network / Sub-	Network Name			
	LED QUANTITIES AND LINE C									
	associated line charge revenues for the disclos	ure year for each consumer group or	r price category code used I	by the GDB in its pricing sche	dules. Information is also req	quired on the number of	f ICPs that are included	in each consumer group or pr	rice	
code, and the energy delivered to thes	e ICPs.									
	_									
i): Billed quantities by pric	e component									
						Billed quantities by	price component			Add extr for ad
										billed q
					Price component	Fixed	Variable			by
										compo
										nece
					Unit charging					
					basis (eg, days,	Days	kWh			
Consumer group name or price category code	Consumer type or types (eg, residential, commercial, etc.)	Standard or non-standard consumer group (specify)	Average no. of ICPs in disclosure year	Quantity of gas delivered (TJ)	GJ, etc.)					
category code	commercial, every		arserosure year	Sentered (17)						
GAOR	Residential	Standard	112,662	2,387		41,107,926	662,976,553			
GA01	Commercial	Standard	2,228	237		813,703	65,715,280			
GA02	Commercial	Standard	2,800	897		1,022,527	249,213,851			
GA03	Commercial	Standard	1,024	2,012		373,404	558,757,318			
GA04	Commercial	Standard	158	1,929		57,815	535,834,073			
GA05 Non-standard	Commercial Commercial	Standard	26 14	3,603 2,354		9,490 5,110	1,000,830,515 653,796,370		_	
Non-standard	Commercial	Non-standard	14	2,354		5,110	653,/96,370			
Add extra rows for additional consume	r groups or price category codes as necessary									
		Standard consumer totals	118,898	11,064 2.354		43,384,865	3,073,327,590	-		
		Non-standard consumer totals Total for all consumers	118,912	2,354 13,418		5,110 43,389,975	653,796,370 3,727,123,960	-		
		rotal for all consumers	110,912	13,416		45,569,975	3,727,123,900	-		
ii): Line charge revenues (\$	(000) by price component									
,	, .,,					Line charge revenue	s (\$000) by price compo	onent	,	Add ext
										for addi
					Price component	Fixed	Variable			charge by
										comp
				Notional revenue	Rate (eg, \$ per					nec
Consumer group name or price	Consumer type or types (eg, residential,	Standard or non-standard	Total line charge revenue in disclosure	foregone from posted	day, \$ per GJ,	\$/Day	\$/kWh			
category code	commercial, etc.)	consumer group (specify)	year	discounts (if applicable)	etc.)					
GAOR	Residential	Standard	\$34,614			\$25,542	\$9,072			
GA01	Commercial	Standard	\$1,597			\$675	\$922			
GA02 GA03	Commercial	Standard Standard	\$4,488			\$1,526 \$2,460	\$2,962 \$5,061		_	
GA03	Commercial Commercial	Standard Standard	\$7,521 \$4,470			\$2,460	\$3,264		 	
GA05	Commercial	Standard	\$3,748			\$2,446	\$1,302			
Non-standard	Commercial	Non-standard	\$1,370			\$1,158	\$212			
•			-							
	1		-							
			-							
Add extra rows for additional consume	r groups or price category codes as necessary									
Add extra rows for additional consume	r groups or price category codes as necessary	Standard consumer totals	\$56,438 \$1,370	-		\$33,855 \$1.158	\$22,583	-	-	
Add extra rows for additional consume	r groups or price category codes as necessary	Standard consumer totals Non-standard consumer totals Total for all consumers	\$56,438 \$1,370 \$57,808	-		\$33,855 \$1,158 \$35,013	\$22,583 \$212 \$22,795	-		

Company Name Vector
For Year Ended 30 June 2023
Network / Sub-network Name

SCHEDULE 9a: ASSET REGISTER

This schedule requires a summary of the quantity of assets that make up the network, by asset category and asset class.

sch ref

Operating Proceure	Asset Category	Assat Class	Heite	Items at start of	Items at end of	Net change	Data accuracy (1–4)
				year (quantity)	year (quantity)	Net change	N/A
	* * * * * * * * * * * * * * * * * * * *			220	220	0	4
				239	239	0	N/A
	* *			-		-	· · · · · · · · · · · · · · · · · · ·
	* *	• • •		-	-	- (0)	N/A 3
				5	5	(0)	
				-		-	N/A
							4
			-				3
	Special crossings	•	No.			_	4
Medium Pressure	Main pipe	MP PE main pipe	km	4,172	4,203	31	4
Medium Pressure	Main pipe	MP steel main pipe	km	210	209	(1)	4
Medium Pressure	Main pipe	MP other main pipe	km	0	-	(0)	4
Medium Pressure	Service pipe	MP PE service pipe	km	2,303	2,318	15	4
Medium Pressure	Service pipe	MP steel service pipe	km	23	23	(0)	3
Medium Pressure	Service pipe	MP other service pipe	km	3	3	(0)	4
Medium Pressure	Stations	Medium pressure DRS	No.	100	90	(10)	3
Medium Pressure	Line valve	MP line valves	No.	2,853	2,889	36	3
Medium Pressure	Special crossings	MP special crossings	No.	71	102	31	3
Low Pressure	Main pipe	LP PE main pipe	km	0	-	(0)	4
Low Pressure	Main pipe	LP steel main pipe	km			-	N/A
Low Pressure	Main pipe	LP other main pipe	km			-	N/A
Low Pressure	Service pipe	LP PE service pipe	km	1	1	0	4
Low Pressure	Service pipe	LP steel service pipe	km	1	-	(1)	3
Low Pressure	Service pipe	LP other service pipe	km	-	-	_	N/A
Low Pressure	Line valve	LP line valves	No.	2	3	1	4
Low Pressure	Special crossings	LP special crossings	No.	-	-	-	N/A
All	Monitoring and control systems	Remote terminal units	No.	80	80	-	3
All	Cathodic protection systems	Cathodic protection	No.	21	21	-	4
	Medium Pressure Low Pressure	Intermediate Pressure Intervalve Intermediate Pressure Intervalve	Intermediate Pressure Intermediate	Intermediate Pressure Main pipe IP PE main pipe km Intermediate Pressure Main pipe IP steel main pipe km Intermediate Pressure Main pipe IP other main pipe km Intermediate Pressure Service pipe IP other main pipe km Intermediate Pressure Service pipe IP E service pipe km Intermediate Pressure Service pipe IP steel service pipe km Intermediate Pressure Service pipe IP other service pipe km Intermediate Pressure Service pipe IP other service pipe km Intermediate Pressure Stations Intermediate pressure DRS No. Intermediate Pressure Line valve IP line valves No. Intermediate Pressure Special crossings IP crossings No. Medium Pressure Main pipe MP PE main pipe km Medium Pressure Main pipe MP steel main pipe km Medium Pressure Main pipe MP other main pipe km Medium Pressure Service pipe MP PE service pipe km Medium Pressure Service pipe MP other service pipe km Medium Pressure Service pipe MP other service pipe km Medium Pressure Service pipe MP other service pipe km Medium Pressure Service pipe MP other service pipe km Medium Pressure Service pipe MP other service pipe km Medium Pressure Service pipe MP other service pipe km Medium Pressure Service pipe MP pt service pipe km Medium Pressure Service pipe LP pt main pipe km Low Pressure Main pipe LP PE main pipe km Low Pressure Main pipe LP Steel main pipe km Low Pressure Service pipe LP PE service pipe km Low Pressure Service pipe LP pt steel main pipe km Low Pressure Service pipe LP pt steel service pipe km Low Pressure Service pipe LP pt steel pipe km Low Pressure Service pipe LP pt other main pipe km Low Pressure Service pipe LP pt steel pipe km Low Pressure Service pipe LP pt steel pipe km Low Pressure Service pipe LP pt pt pt pt pt km Low Pressure Service pipe LP pt pt pt pt pt km Low Pressure Service pipe LP pt pt pt pt pt pt pt pt pt km Low Pressure Service pipe LP pt	Departing Pressure	Operating Pressure	Operating Pressure Asset Category Asset Class Units year (quantity) vear (quantity) Net change Intermediate Pressure Main pipe IP Steel main pipe km 239 239 0.0 Intermediate Pressure Main pipe IP Steel main pipe km 239 239 0.0 Intermediate Pressure Service pipe IP PE Service pipe km Intermediate Pressure Service pipe IP PE Service pipe km Intermediate Pressure Service pipe IP other service pipe km Intermediate Pressure Service pipe IP other service pipe km Intermediate Pressure Service pipe IP other service pipe km Intermediate Pressure Stations Intermediate pressure DRS No.

																						Сотра	ny Name					١	/ector				
																						For Ye	ar Ended					30.	lune 2023				
																					Netv	vork / Sub-netwo											
	CHEDULE 9b: ASSET	ACE DROEILE																				,										_	
TI	his schedule requires a summary o	f the age profile (based on year of in	nstallation) of the assets that m	ake up the net	work, by ass	set category a	and asset cla	iss.																									
ch ref																																	
اه		Disclosure Year (year ended)	30 June 2023							Norma			and but	installation date																			
0		Disclosure real (year ended)	30 Julie 2023							Num	bei oi assets i	it disclosure year	eliu by	ilistaliation date																			
																															Items at end		
					1970		1980			1995																				No. with age			Data accuracy
40	Operating Pressure Intermediate Pressure	Asset Category Main pipe	Asset Class IP PE main pipe	Units pre-19	70 -1974	4 -1979	-1984	1989	-1994	-1999 200	0 2001	2002 20	03	2004 2005	2006	2007 2008	2009	2010	2011	2012	2013	2014 2015	2016 2017	2018	2019 2020	2021	2022	2023	2024 2025	unknown	(quantity)	efault dates	(1-4) N/A
10	Intermediate Pressure	Main pipe	IP steel main pipe		46 1	4	27	46	15	60	10 0	-	_		_			-		1	1	8 1	0 1		0 0	-	-	-			239	+	N/A 4
42	Intermediate Pressure	Main pipe	IP other main pipe	km	40 1	4	21	40	13	- 00	10 0	-		0 0		. ,	, .	۰		-	-	0 1			0 0	-					239		N/A
12	Intermediate Pressure	Service pipe	IP Other main pipe IP PE service pipe	km	*	-	-	-	-				-	-				-	-		-	-				-	-	-					N/A
14	Intermediate Pressure	Service pipe	IP steel service pipe	km	0	0 0		- 1	- 1	1	0 0	0	0	0 0	-	0			0	0	0	0 0	0 0	-	0 0		0	0		0	-		3
15	Intermediate Pressure	Service pipe	IP other service pipe	km	-			-	-	-		-	-					-		-	-							-					N/A
16	Intermediate Pressure	Stations	Intermediate pressure	No.	5	1 6	5	2	4	50	1 1	-		1 -		- 2			1	2	2	3 2	-		- 2	-	1	-		-	91		4
17	Intermediate Pressure	Line valve	IP line valves	No.	40 2	26 14	50	146	98	82	16 8	4	5	4 6	6	5 6 (. 4	10	6	9	8	27 23	8 8	4	5 5	6	5	1		4	650		3
18	Intermediate Pressure	Special crossings	IP crossings	No.	3		1	6	-	5	1 -	-	-			- 1	-	1	-	1	-	-	-			-	1	-		-	20		4
19	Medium Pressure	Main pipe	MP PE main pipe	km	15	4 18	53	221	524	1,496 1	53 63	113	121	101 101	110	88 4	33	57	59	71	96	90 89	103 99	71	58 51	56	32	10		2	4,203		4
20	Medium Pressure	Main pipe	MP steel main pipe	km	11 2	23 17	86	63	4	3	0 0	0	0	0 0	0	0 0	0	0	0	0	0	0 0	0 0	0	0 0	0	0	0		0	209		4
21	Medium Pressure	Main pipe	MP other main pipe	km		-		0	-	0	0 0	-	-	-		-	-				-	-	-			0	0	-		-	0		4
22	Medium Pressure	Service pipe	MP PE service pipe	km	4	1 2	6	74	331	652	82 55	65	85	83 77	65	72 4	31	54	61	53	56	46 44	42 42	38	41 36	36	26	10		1	2,318		4
23	Medium Pressure	Service pipe	MP steel service pipe	km	2	1 2	5	5	3	3	0 0	0	0	0 0	0	0 0	0	0	0	0	0	0 0	0 0	0	0 0	0	0	0		0	23		3
24	Medium Pressure	Service pipe	MP other service pipe	km	0	0 0	0	2	0	0	0 -	_	0	0 -	0	0 0) .		-	0	-	-	0			0	0	0			3		4
25	Medium Pressure	Stations	Medium pressure DRS		-	- 1	4	17	32	17	1 1	-	-	2 5	1	-		-	-	-	-	2	- 1			-	4	2		-	90		3
26	Medium Pressure	Line valve	MP line valves	No.	38 8	85	550	586	397	230	42 33	37	21	16 39	37	7 29 2	30	15	33	28	49	49 55	47 41	37	41 40	42	47	23		63	2,889		3
27	Medium Pressure	Special crossings	MP special crossings	No.	-	1 3	7	9	38	17	1 .	1	-	- 3	3	3 2	- 2	2	1	1	1	1	-	-		-	-	-		9	102		3
28	Low Pressure	Main pipe	LP PE main pipe	km	-	0 -		0	-	-		-	-	-				-	-		-	- 0	-			-	-	-			0		4
29	Low Pressure	Main pipe	LP steel main pipe	km	-		-	-	-	-	-	-	-				-	-	-	-	-	-	-	-		-	-	-		-			N/A
30	Low Pressure	Main pipe	LP other main pipe	km	-		-	-	-	-			_					-	-	-	-	-				-	-	-		-		-	N/A 4
31	Low Pressure	Service pipe Service pipe	LP PE service pipe LP steel service pipe	km	-			0	0	0								-	-	-	-	-		-		0	-	0			1	+	3
22	Low Pressure	Service pipe Service pipe	LP steel service pipe LP other service pipe	km	1	1 1					- 0		-1-	- 0		1 1		-		-				1	1 1		1				0	+	N/A
24	Low Pressure	Line valve	LP line valves	No	1-	1 -		-	-	-	1 -		_	-			1	-	2	-	-			1		-	-	- 1		-	2	+	N/A 4
25	Low Pressure	Special crossings	LP line valves LP special crossings	No.	1-	1 -					1 -			- 1 - 1		1 1	1	-		-						-	-	- 1			- 3	+	N/A
26	All	Monitoring and control syste		No.	1-	1 - 1				22	1 1		-1	1 1	-	10			1			2 2	1								90	+	3
27	ΔII	Cathodic protection systems		No.	1	1 2	-	4	2		2 1		-1-	1 .			. 1		-			1 .	1 1	1 -			1			-	21		4
-	741	currouse protection systems	currout protection	140.	-			- 4	- 4								-	_					-	1									

		Company Name		Vector			
		For Year Ended	30 June 2023				
	Notw	ork / Sub-network Name					
ccı		ork / Sub-network Nume					
	HEDULE 9c: REPORT ON PIPELINE DATA						
his s	schedule requires a summary of the key characteristics of the pipeline network	ζ.					
ref							
ľ							
	Note that the forest the first of the first of						
3	Network Information (end of year)						
	System length by material (defined by GDB)	Length (km)	%				
	Unknown	0	0.00%				
	Steel	476	6.80%				
	PE PE	6,522	93.15%				
	Other	3	0.05%				
			-				
			-				
	System length	7,001	100.00%				
1							
			Weighted average		Gas conveyed for Persons not		
		System length	pipe diameter	Number of ICPs	involved in the		
	By operating pressure:	(km) (at year end)	(mm)	(at year end)	GDB (TJ)		
	Intermediate pressure	244	164	178	2,46		
	Medium pressure	6,756	38	119,170	8,51		
		1	42	283			
!	Low pressure	1	72	203	4		

	Г			
	Company Name		Vector	
	For Year Ended		30 June 2023	
	Network / Sub-network Name			
SC	CHEDULE 9d: REPORT ON DEMAND			<u> </u>
This	s schedule requires a summary of the key measures of network demand for the disclosure ye	ear (number of new	connections	
incl	luding, maximum monthly loads and total gas conveyed)			
sch re	ef			
8				
9	9d(i): Consumer Connections			
10	Number of ICPs connected in year by consumer type			
11				
42	6 4 5 11 600		Number of	
12 13	Consumer types defined by GDB Residential		connections (ICPs)	
14	Commerical		2,636	
15	Commencar		33	
16				
17				
18		Total	2,691	
19	9d(ii): Gas Delivered	_		
20	Juliiji. Gus Delivereu			
21	Number of ICPs at year end	119,631	connections	
22	Maximum daily load	52,710	(GJ per day)	
23	Maximum monthly load	1,379,266	(GJ per month)	
24	Number of directly billed ICPs	-	(at year end)	
25	Total gas conveyed	13,588,251	(GJ per annum)	
26	Average daily delivery	37,228	(GJ per day)	
27	Load factor	92 100/		
28	Loau rattor	82.10%		

	Company Name		Vector	
	For Year Ended		30 June 2023	
	Network / Sub-network Name			
SC	HEDULE 10a: REPORT ON NETWORK RELIABILITY AND INTERRUPTIONS			
This	schedule requires a summary of the key measures of network reliability (interruptions, SAIDI, SAIFI and CAIDI) for the disclosure year as must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory Notes to Template losure information (as defined in section 1.4 of the ID determination), and so is subject to the assurance report required by section 2.8.	s). The SAIDI and SA	IFI information is pa	t of audited
ch ref				
8	10a(i): Interruptions			
9	Interruptions by class	Actual		
10	Class A (planned interruptions by GTB)	-		
11	Class B (planned interruptions on the network)	501		
12	Class C (unplanned interruptions on the network)	21		
13	Class D (unplanned interruptions by GTB)	-		
14	Class I (unplanned interruptions caused by third party damage)	131		
15	Total	653		
16	Number of unplanned outage events (interruptions that affect more than 5 ICPs)	Actual		
17	Vector network	4		
18				
19				
20				
21				
22	Number of unplanned outage events caused by third party damage (interruptions that affect more than 5 ICPs)	Actual		
23	Vector network	2		
24				
25 26				
27				
27				
28	10a(ii): Reliability			
29	Overall reliability	SAIDI	SAIFI	CAIDI
30	Based on the total number of interruptions	781	6.75	116
31	Class I (unplanned interruptions caused by third party damage)	193	1.53	126
32	Class B (planned interruptions on the network)	SAIDI	SAIFI	CAIDI
33	Vector network	418	4.86	86
34	- COLOT HEATON	410	4.80	-
35				-
36				_
37				-
38	Class C (unplanned interruptions on the network)	SAIDI	SAIFI	CAIDI
39	Vector network	170	0.35	480
40				-
41				-
42				-
43				-



		C N		Mantau	
		Company Name		Vector 30 June 2023	
		For Year Ended		30 Julie 2023	
		b-network Name			
	HEDULE 10b: REPORT ON NETWORK INTEGRITY AND CONSUMER S				
This:	schedule requires a summary of the key measures of network Integrity (gas escapes, response time to emerge	ncies etc) for the disc	losure year.		
h ref					
8	10b(i): System Condition and Integrity				
	Number of confirmed public reported gas escapes per system length				
9	(escapes/1000 km)	Actual			
10	Vector Network	17.71			
11					
2					
!3 !4					
4					
	Number of leaks detected by routine survey per system length				
.5	(leaks/1000 km)	Actual			
6	Vector network	4.29			
7					
8					
19					
20					
	Number of third party damage events per system length				
21	(events/1000 km) Vector network	Actual			
22	vector network	36.14			
24					
25					
26					
27	Number of poor pressure events due to network causes	Actual			
28	Vector network	7.00			
29 30					
31					
32					
13					
	Number of telephone calls to emergency numbers answered within 30 seconds per total number of calls	Actual			
14	Note: This entry may be excluded for sub-networks.	Actual			
15	Vector network	78.85%			
16		70.0376			
7					
8		ļ			
9					
	Donald and the second of the s				
0	Product control—safety of distribution gas	Actual			
1	Number of non-compliant odour tests				
	401/11)				
12	10b(ii): Consumer Service	Dronostics of	Droportion of		
		Proportion of emergencies	Proportion of emergencies	Average call	
		responded to	responded to	response time	Number of
3	Response time to emergencies (RTE)	within 1 hour (%)	within 3 hours (%)	(hours)	emergencies
14	Vector network	97.70%	100.00%	0.65	87
15		 			
16 17					
18					
19	Number of complaints	Actual			
50	Number of complaints per average total consumer numbers	0.0008			