GTB Information Disclosure Requirements

Information Templates

for

Schedules 1–10

Company Name	Vector - gas transmission business
Disclosure Date	4 December 2014
Disclosure Year (year ended)	30 June 2014

Templates for Schedules 1–10
Template Version 3.0. Prepared 8 April 2014

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Disclosure Template Guidelines for Information Entry

These templates have been prepared for use by GTBs when making disclosures under subclauses 2.3.1, 2.4.20, and 2.5.1 of the Gas Transmission Information Disclosure Determination 2012. Disclosures must be made available to the public within 6 months after the end of the disclosure year and a copy provided to the Commission within 5 working days of being disclosed to the public.

Version 3.0 templates

These templates correct formula errors contained in previous versions of the templates. A list of the formula corrections can be found in the ID issues register under "Excel Template Issues - v2.X (2013)" in the category column. We have included additional guidance for schedules 2, 4 and 5a indicating where information for certain rows are expected to be sourced from.

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. Under no circumstances should the formulas in a calculated cell be overwritten.

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 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 AH9 to AG32 will change colour if the total assets at year end for each asset class does not equal the corresponding values in column G in Schedule 9a.
Schedule 4 cells P98:P104 and P106 will change colour if the RAB values do not equal the corresponding values in table 4(ii).

Inserting Additional Rows and Columns

The templates for schedules 4, 5b, 5c, 5d, 5e, 6a, 8, 9c, 9d, and 10a may require additional rows to be inserted in

Additional rows in schedules 5c, 6a, 8, 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 rows 86 and 70 of the respective templates 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 77:84, copy, select Excel row 86, insert copied cells. Similarly, for table 5e(ii): Select Excel rows 61:88, copy, select Excel row 70, then insert copied cells.
The template for schedule 8 may require additional columns to be inserted between column E and I. To avoid interfering with the title block entries, these should be inserted to the left of column I. 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 existing columns.

Schedule References

The references labelled 'sch ref' in the leftmost column of each template are consistent with the row references in the Gas Transmission ID Determination 2012 (as issued on 1 October 2012). They provide a common reference between the rows in the determination and the template. Due to page formatting, the row reference sequences contained in the determination schedules are not necessarily contiguous.

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 and 6b
4. Schedule 8
5. Schedule 3
6. Schedule 4
7. Schedule 2
8. Schedule 7
9. Schedules 9a and 9b
10. Schedules 10a and 10b

Changes to disclosure year 2013

Clause 2.12.1 to 2.12.10(9) of the Gas Transmission ID Determination 2012 does not apply for disclosure years 2014 and onwards.
GTBs do not need to complete transitional schedule 5h and this has been excluded from this version of the templates.
All schedules in this workbook must now be completed in full and publicly disclosed with the exception of MDL, who is not required to disclose information in schedule 2(i) relating to CY-2 in the 2014 disclosure year [clause 2.12.10(10)].

Clause 2.12 of the Electricity Distribution ID Determination 2012 does not apply for disclosure years 2014 and onwards.
EDBs do not need to complete transitional schedules 5h and 5i. These schedules have been excluded from this version of the templates.
All schedules in this workbook must now be completed in full and publicly disclosed.

Schedule 2: Report on Return on Investment

The ROI calculations are performed in this template.
All suppliers must complete tables 2(i) Return on Investment and 2(ii) Information Supporting the ROI.
Only suppliers who meet either of the two thresholds set out in subclause 2.3.3 of the Gas Transmission Information Disclosure Determination 2012 need to complete table 2(iii) Information Supporting the Monthly ROI. We expect that most suppliers will generally not meet either threshold. You will need to work out if you met either threshold using your own tools (e.g. Excel) and do not need to disclosure these calculations. If you met either threshold you will need to provide a breakdown of five cash flow items on a month by month basis, as well as your opening revenue related working capital. The definitions for these items are the same as for the rest of the schedules. The values for assets commissioned and asset disposals should relate to the RAB (not the unallocated RAB).
The Excel worksheet uses several calculated cells beyond the rightmost edge of the template to calculate the monthly

The prior year comparison information in the table 2(i) columns labelled CY-1 and CY-2 should be completed by copying the results from the previous year's disclosure.

Company Name	**Vector - gas transmission business**
For Year Ended	**30 June 2014**

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 under the other requirements of the determination.

sch ref

1(i): Expenditure Metrics

	Total TJ delivered ($/TJ)	Total pipeline length (for supply) ($/km)
Operational expenditure	366	13,423
Network	200	7,328
Non-network	166	6,096
Expenditure on assets	217	7,968
Network	180	6,589
Non-network	38	1,379

1(ii): Service Intensity Measures

Volume density	37	*Total TJ delivered/Total pipeline length*

1(iii): Composition of Revenue Requirement

	($000)	% of revenue
Operational expenditure	29,678	33.48%
Pass-through and recoverable costs	3,107	3.51%
Total depreciation	18,877	21.30%
Total revaluation	8,022	9.05%
Regulatory tax allowance	8,832	9.96%
Regulatory profit/loss	36,068	40.69%
Total regulatory income	88,640	

1(iv): Reliability

	Interruptions per 100 km of pipeline length
Interruption rate	1.4473

Company Name	**Vector - gas transmission business**
For Year Ended	**30 June 2014**

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

This schedule requires information on the Return on Investment (ROI) for the GTB relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC. GTBs 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 GTB makes this election, information supporting this calculation must be provided in 2(iii). GTBs 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.

sch ref		CY-2	CY-1	Current Year CY
	2(i): Return on Investment	**30 Jun 12**	**30 Jun 13**	**30 Jun 14**
	Post tax WACC	**%**	**%**	**%**
	ROI—comparable to a post tax WACC	9.69%	10.12%	6.83%
	Mid-point estimate of post tax WACC	6.89%	6.02%	6.16%
	25th percentile estimate	6.08%	5.21%	5.35%
	75th percentile estimate	7.70%	6.83%	6.97%
	Vanilla WACC			
	ROI—comparable to a vanilla WACC	10.49%	10.82%	7.50%
	Mid-point estimate of vanilla WACC	7.69%	6.72%	6.84%
	25th percentile estimate	6.88%	5.91%	6.03%
	75th percentile estimate	8.50%	7.53%	7.65%

	2(ii): Information Supporting the ROI		**($000)**	
	Total opening RAB value	497,694		
	Opening RIV		497,694	
	Operating surplus / (deficit)	55,855		
less	Regulatory tax allowance	8,832		
less	Assets commissioned	15,553		
plus	Asset disposals	303		
	Notional net cash flows		31,773	
	Total closing RAB value	502,089		
less	Adjustment resulting from asset allocation	(0)		
less	Lost and found assets adjustment	-		
	Closing RIV		502,089	
	ROI—comparable to a vanilla WACC		7.50%	
	Leverage (%)		44%	
	Cost of debt assumption (%)		5.49%	
	Corporate tax rate (%)		28%	
	ROI—comparable to a post tax WACC		6.83%	

Company Name	**Vector - gas transmission business**
For Year Ended	**30 June 2014**

SCHEDULE 2: REPORT ON RETURN ON INVESTMENT

This schedule requires information on the Return on Investment (ROI) for the GTB relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC. GTBs 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 GTB makes this election, information supporting this calculation must be provided in 2(iii). GTBs 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.

sch ref

2(iii): Information Supporting the Monthly ROI

($000)

	Cash flows	Total regulatory income	Expenses	Tax payments	Assets comissioned	Asset disposals	Notional net cash flows
51	Month 1	10,823	2,977		577	-	7,269
52	Month 2	10,666	3,103		507	9	7,065
53	Month 3	10,497	2,938		562	-	6,997
54	Month 4	6,926	3,212		1,802	167	2,079
55	Month 5	5,920	2,694	883	957	-	1,386
56	Month 6	6,199	2,176		229	21	3,815
57	Month 7	6,137	2,387		1,409	-	2,341
58	Month 8	5,650	2,198		220	-	3,232
59	Month 9	6,227	2,460	7,949	1,335	1	(5,516)
60	Month 10	6,071	2,970		2,393	46	754
61	Month 11	6,607	2,641		2,533	42	1,475
62	Month 12	6,917	3,029		3,029	17	876
63	**Total**	88,640	32,785	8,832	15,553	303	31,773

		Opening / closing RAB	Adjustment resulting from asset allocation	Opening / closing lost and found assets adjustment	Revenue related working capital	Total
66	Monthly ROI - opening RIV	497,694			10,243	507,937
68	Monthly ROI - closing RIV	502,089	(0)	-	6,917	509,006
69	Monthly ROI - closing RIV less term credit spread differential allowance					508,906
70	**Monthly ROI—comparable to a vanilla WACC**					6.75%
72	**Monthly ROI—comparable to a post-tax WACC**					6.07%

2(iv): Year-end ROI rates for comparison purposes

76	**Year-end ROI—comparable to a vanilla WACC**	7.14%
78	**Year-end ROI—comparable to a post-tax WACC**	6.46%

79 ** these year-end ROI values are comparable to the ROI reported in pre 2012 disclosures by GTBs and do not represent the Commission's current view on ROI.*

Company Name	**Vector - gas transmission business**
For Year Ended	**30 June 2014**

SCHEDULE 3: REPORT ON REGULATORY PROFIT

This schedule requires information on the calculation of regulatory profit for the GTB for the disclosure year. GTBs 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				
7	**3(i): Regulatory Profit**			**($000)**
8		**Income**		
9		Line charge revenue		88,322
10	*plus*	Gains / (losses) on asset disposals		(219)
11	*plus*	Other regulated income (other than gains / (losses) on asset disposals)		537
12				
13		**Total regulatory income**		88,640
14		**Expenses**		
15	*less*	Operational expenditure		29,678
16				
17	*less*	Pass-through and recoverable costs		3,107
18				
19		**Operating surplus / (deficit)**		55,855
20				
21	*less*	Total depreciation		18,877
22				
23	*plus*	Total revaluations		8,022
24				
25		**Regulatory profit / (loss) before tax & term credit spread differential allowance**		45,000
26				
27	*less*	Term credit spread differential allowance		101
28				
29		**Regulatory profit / (loss) before tax**		44,900
30				
31	*less*	Regulatory tax allowance		8,832
32				
33		**Regulatory profit / (loss)**		36,068
34				

41	**3(ii): Pass-through and Recoverable Costs**			**($000)**
42		**Pass-through costs**		
43		Rates	848	
44		Commerce Act levies	446	
45		Other specified pass-through costs	15	
46		**Recoverable costs**		
47		Net recoverable costs allowed under incremental rolling incentive scheme	-	
48		Balancing gas costs	1,798	
49		Input Methodology claw-back	-	
50		Recoverable customised price-quality path costs	-	
51		**Pass-through and recoverable costs**		3,107
52				

53	**3(iii): Incremental Rolling Incentive Scheme**			**($000)**	
54				**CY-1**	**CY**
55				**30 Jun 13**	**30 Jun 14**
56		Allowed controllable opex		-	-
57		Actual controllable opex		-	-
58					
59		Incremental change in year			-
60					
61				**Previous years' incremental change**	**Previous years' incremental change adjusted for inflation**
62		CY-5	30 Jun 09	-	-
63		CY-4	30 Jun 10	-	-
64		CY-3	30 Jun 11	-	-
65		CY-2	30 Jun 12	-	-
66		CY-1	30 Jun 13	-	-
67		**Net incremental rolling incentive scheme**			-
68					
69		**Net recoverable costs allowed under incremental rolling incentive scheme**			-

70	**3(iv): Merger and Acquisition Costs**	
71	Merger and acquisition expenses	-
72	Provide commentary on the benefits of merger and acquisition expenditure to the gas transmission business, including required disclosures in accordance with section 2.7, in Schedule 14 (Mandatory Explanatory Notes)	
73	**3(v): Other Disclosures**	
74	Self-insurance allowance	-

Company Name: Vector - gas transmission business
For Year Ended: 30 June 2014

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. GTBs must provide explanatory comment on the value of their RAB 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

4(i): Regulatory Asset Base Roll Forward

	for year ended	RAB 30 Jun 10 ($000)	RAB 30 Jun 11 ($000)	RAB 30 Jun 12 ($000)	RAB 30 Jun 13 ($000)	RAB 30 Jun 14 ($000)
Total opening RAB value		487,595	488,299	498,231	500,090	497,694
less Total depreciation		21,497	16,828	17,759	19,464	18,877
plus Total revaluation		8,008	15,648	4,724	3,417	8,022
plus Assets commissioned		14,510	11,521	15,545	14,218	15,553
less Asset disposals		317	450	600	501	303
plus Lost and found assets adjustment		-	-	-	-	-
plus Adjustment resulting from asset allocation		-	41	(51)	(66)	(0)
Total closing RAB value		488,299	498,231	500,090	497,694	502,089

4(ii): Unallocated Regulatory Asset Base

	Unallocated RAB * ($000)	($000)	RAB ($000)	($000)
Total opening RAB value		521,620		497,694
less				
Total depreciation		26,403		18,877
plus				
Total revaluation		8,382		8,022
plus				
Assets commissioned (other than below)	23,537		15,553	
Assets acquired from a regulated supplier	-		-	
Assets acquired from a related party	-		-	
Assets commissioned		23,537		15,553
less				
Asset disposals (other than below)	310		303	
Asset disposals to a regulated supplier	-		-	
Asset disposals to a related party				
Asset disposals		310		303
plus Lost and found assets adjustment		-		-
plus Adjustment resulting from asset allocation				(0)
Total closing RAB value		526,826		502,089

** The 'unallocated RAB' is the total value of those assets used wholly or partially to provide gas transmission services without any allowance being made for the allocation of costs to non-regulated services. The RAB value represents the value of these assets after applying this cost allocation. Neither value includes works under construction.*

4(iii): Calculation of Revaluation Rate and Revaluation of Assets

CPI_4	1,195
CPI_{4-4}	1,176
Revaluation rate (%)	1.62%

	Unallocated RAB * ($000)	($000)	RAB ($000)	($000)
Total opening RAB value	521,620		497,694	
less Opening RAB value of fully depreciated, disposed and lost assets	2,821		1,162	
Total opening RAB value subject to revaluation	518,799		496,532	
Total revaluation		8,382		8,022

4(iv): Roll Forward of Works Under Construction

	Unallocated works under construction	Allocated works under construction
Works under construction—preceding disclosure year	10,369	8,953
plus Capital expenditure	24,669	16,063
less Assets commissioned	23,537	15,553
plus Adjustment resulting from asset allocation		(480)
Works under construction - current disclosure year	11,501	8,983
Highest rate of capitalised finance applied		6.97%

4(v): Regulatory Depreciation

	Unallocated RAB * ($000)	($000)	RAB ($000)	($000)
Depreciation - standard	15,428		15,428	
Depreciation - no standard life assets	10,975		3,449	
Depreciation - modified life assets				
Depreciation - alternative depreciation in accordance with CPP				
Total depreciation		26,403		18,877

4(vi): Disclosure of Changes to Depreciation Profiles

($000 unless otherwise specified)

Asset or assets with changes to depreciation	Reason for non-standard depreciation (text entry)	Depreciation charge for the period (RAB)	Closing RAB value under 'non-standard' depreciation	Closing RAB value under 'standard' depreciation

Company Name **Vector - gas transmission business**

For Year Ended **30 June 2014**

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. GTBs must provide explanatory comment on the value of their RAB 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

102					
103					
104					
105					
106					

107 ** include additional rows if needed*

108 4(vii): Disclosure by Asset Category

($000 unless otherwise specified)

			Pipes	Stations	Compressors	Main-line valves	Other network assets	Special crossings	Non-network assets	Total	
109											
110		**Total opening RAB value**	339,681	49,048	33,987	-	65,625	-	9,353	497,694	
111	*less*	Total depreciation	10,438	2,270	1,870	-	850	-	3,449	18,877	
112	*plus*	Total revaluation	5,477	791	556	-	1,062	-	136	8,022	
113	*plus*	Assets commissioned	262	10,187	2,420	90	23	120	2,451	15,553	
114	*less*	Asset disposals	-	176	-	-	-	-	127	303	
115	*plus*	Lost and found assets adjustment	-	-	-	-	-	-	-	-	
116	*plus*	Adjustment resulting from asset allocation	-	-	-	-	-	-	-	-	
117	*plus*	Asset category transfers	(55,231)	(2,216)	399	2,284	(11,082)	54,555	11,291	-	
118		**Total closing RAB value**	279,751	55,364	35,492	2,374	54,778	54,675	19,655	502,089	
119											
120		**Asset Life**									
121		Weighted average remaining asset life	36	28	25	15	-	34	19		(years)
122		Weighted average expected total asset life	80	35	35	35	1	80	25		(years)

Company Name	**Vector - gas transmission business**
For Year Ended	**30 June 2014**

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).
GTBs 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 2.8.

sch ref					
7	**5a(i): Regulatory Tax Allowance**				**($000)**
8		**Regulatory profit / (loss) before tax**			44,900
9					
10	*plus*	Total depreciation	18,877		
11	*less*	Tax depreciation	12,969		
12		**Permanent differences:**			
13	*plus*	Income not included in regulatory profit / (loss) before tax but taxable	-	*	
14		Expenditure or loss in regulatory profit / (loss) before tax but not deductible	38	*	
15					
16	*less*	Income included in regulatory profit / (loss) before tax but not taxable	8,022	*	
18		Expenditure or loss deductible but not in regulatory profit / (loss) before tax	-	*	
19					(7,984)
20		**Temporary differences:**			
21	*plus*	Income not included in regulatory profit / (loss) before tax but taxable	72	*	
22		Expenditure or loss in regulatory profit / (loss) before tax but not deductible	475	*	
23					
24	*less*	Income included in regulatory profit / (loss) before tax but not taxable	25	*	
25		Expenditure or loss deductible but not in regulatory profit / (loss) before tax	-	*	
26					522
27	*less*	Notional deductible interest			11,803
28					
29		Regulatory taxable income			31,543
30	*less*	Utilised tax losses			
31		Regulatory net taxable income			31,543
32					
33		Corporate tax rate (%)	28%		
34		**Regulatory tax allowance**			8,832
35					
36	* Workings to be provided in Schedule 14				
37					
38					
39	**5a(ii): Disclosure of Permanent and Temporary Differences**				
40		In Schedule 14, Box 5 and Box 6, provide descriptions and workings of items recorded in the asterisked categories in Schedule 5a(i).			
41					
42	**5a(iii): Reconciliation of Tax Losses**				**($000)**
43					
44		**Opening tax losses**	-		
45	*plus*	Current period tax losses	-		
46	*less*	Utilised tax losses	-		
47		**Closing tax losses**			-
48	**5a(iv): Regulatory Tax Asset Base Roll-Forward**				
49			**($000)**		
50		**Opening sum of regulatory tax asset values**	112,309		
51	*less*	Tax depreciation	12,969		
52	*plus*	Regulatory tax asset value of assets commissioned	16,837		
53	*less*	Regulatory tax asset value of asset disposals	12		
54	*plus*	Lost and found assets adjustment	-		
55	*plus*	Other adjustments to the RAB tax value	(421)		
56		**Closing sum of regulatory tax asset values**			115,744

Company Name	**Vector - gas transmission business**
For Year Ended	**30 June 2014**

SCHEDULE 5b: REPORT ON RELATED PARTY TRANSACTIONS

This schedule provides information on the valuation of related party transactions, in accordance with section 2.3.6 and 2.3.7 of the ID 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

5b(i): Summary—Related Party Transactions

	($000)
Total regulatory income	21,657
Operational expenditure	(23,830)
Capital expenditure	
Market value of asset disposals	
Other related party transactions	

5b(ii): Entities Involved in Related Party Transactions

Name of related party	Related party relationship
Vector Gas Limited (gas wholesale)	A fully owned unregulated business unit of Vector Gas Limited.
Vector Communications Limited	A fully owned subsidiary of Vector Limited.
Vector Limited	Vector Gas Limited is part of the Vector Group of which Vector Limited is the parent entity.

** include additional rows if needed*

5b(iii): Related Party Transactions

Name of related party	Related party transaction Type	Description of transaction	Value of transaction ($000)	Basis for determining value
Vector Gas Limited (gas wholesale)	Sales	Sale of transmission services	21,657	Clause 2.3.8(2)(a) - price received by the GTB as more than 50% of the GTB's sales are to third parties who receive substantially the same terms, including price, as the related party.
Vector Gas Limited (gas wholesale)	Opex	Purchase of mechanical services	(1,310)	Clause 2.3.7(2)(a) - directly attributable cost incurred in providing the maintenance service to the GTB.
Vector Gas Limited (gas wholesale)	Opex	Purchase of gas	(5,213)	Clause 2.3.7(2)(e) - price paid by the GTB to the related party following a competitive tender process.
Vector Communications Limited	Opex	Purchase of telecommunications services	(30)	Clause 2.3.7(2)(c) - price paid by the GTB as more than 50% of the related party's sales are to third parties who receive substantially the same terms and conditions as the GTB.
Vector Limited	Opex	Purchase of gas contracting services	(17,277)	Clause 2.3.7(2)(b) - directly attributable cost incurred by the related party, determined in accordance with the cost allocation process set out in the IM determination, plus a mark-up which does not exceed 17.2%.
	[Select one]			
	[Select one]			
	[Select one]			
	[Select one]			
	[Select one]			
	[Select one]			
	[Select one]			
	[Select one]			
	[Select one]			
	[Select one]			

** include additional rows if needed*

Company Name	**Vector - gas transmission business**
For Year Ended	**30 June 2014**

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 ref

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

Issuing party	Issue date	Pricing date	Original tenor (in years)	Coupon rate (%)	Book value at issue date (NZD)	Book value at date of financial statements (NZD)	Term Credit Spread Difference	Cost of executing an interest rate swap	Debt issue cost readjustment
Senior bonds – fixed coupon	27-May-09	27-May-09	5.4	7.8	**150,000**	**150,408**	[]VCI	[]VCI	[]VCI
Capital bonds – fixed coupon	15-Jun-12	14-Jun-12	5.0	7	**262,651**	**262,316**	[]VCI	[]VCI	[]VCI
Floating rate notes	4-Apr-07	4-Apr-07	10	BKBM+ []VCI	200,000		[]VCI	[]VCI	[]VCI
	26-Oct-05	26-Oct-05	10	BKBM + []VCI	250,000		[]VCI	[]VCI	[]VCI
	26-Oct-05	26-Oct-05	12	BKBM + []VCI	400,000		[]VCI	[]VCI	[]VCI
	26-Oct-05	26-Oct-05	15	BKBM + []VCI	350,000		[]VCI	[]VCI	[]VCI
Subtotal of floating rate notes					**1,200,000**	**1,154,414**			
Medium term notes – GBP fixed rate	11-Apr-08	8-Apr-08	10.8	7.625	**285,614**	**222,154**	[]VCI	[]VCI	[]VCI
Senior notes - USD fixed rate	16-Sep-04	19-Jul-04	12	5.51	98,875		[]VCI	[]VCI	[]VCI
Senior notes - USD fixed rate	16-Sep-04	19-Jul-04	15	5.75	296,623		[]VCI	[]VCI	[]VCI
Senior notes - USD fixed rate	20-Dec-10	22-Sep-10	12	[]VCI	250,516		[]VCI	[]VCI	[]VCI
Subtotal of senior notes - USD fixed					**646,014**	**551,361**			
Bank loans	3-Feb-12	3-Feb-12	3	BKBM + []VCI					
	3-Feb-12	3-Feb-12	3	BKBM + []VCI					
	17-Dec-13	17-Dec-13	3	BKBM + []VCI					
Subtotal of bank loans						**99,797**			
Working capital and other loans	17-Dec-13	17-Dec-13	3	BKBM + []VCI					

		17-Dec-13	17-Dec-13	3	BKBM + []VCI					
		17-Dec-13	17-Dec-13	3	BKBM + []VCI					
	Subtotal of working capital and other						**28,538**			
16	** include additional rows if needed*						2,468,988	[]VCI	[]VCI	[]VCI

17

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

19	**Gross term credit spread differential**			1,106
20				
21	Total book value of interest bearing debt		2,420,430	
22	Leverage		44%	
23	Average opening and closing RAB values		499,892	
24	**Attribution Rate (%)**			9%
25				
26	**Term credit spread differential allowance**			101

Company Name	**Vector - gas transmission business**
For Year Ended	**30 June 2014**

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

This schedule provides information on the allocation of operational costs. GTBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any reclassifications.

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

5d(i): Operating Cost Allocations

		Value allocated ($000s)				
		Arm's length deduction	Gas transmission services	Non-gas transmission services	Total	OVABAA allocation increase ($000s)
	Service interruptions, incidents and emergencies					
	Directly attributable		480			
	Not directly attributable	-	-	-	-	-
	Total attributable to regulated service		480			
	Land management and associated activity					
	Directly attributable		138			
	Not directly attributable	-	-	-	-	-
	Total attributable to regulated service		138			
	Routine and corrective maintenance and inspection					
	Directly attributable		11,808			
	Not directly attributable	-	-	-	-	-
	Total attributable to regulated service		11,808			
	Compressor fuel					
	Directly attributable		3,775			
	Not directly attributable	-	-	-	-	-
	Total attributable to regulated service		3,775			
	Asset replacement and renewal					
	Directly attributable		-			
	Not directly attributable	-	-	-	-	-
	Total attributable to regulated service		-			
	System operations					
	Directly attributable		393			
	Not directly attributable	-	-	-	-	-
	Total attributable to regulated service		393			
	Business support					
	Directly attributable		-			
	Not directly attributable	-	722	4,593	5,315	-
	Total attributable to regulated service		722			
	Network support					
	Directly attributable		12,362			
	Not directly attributable	-	-	-	-	-
	Total attributable to regulated service		12,362			
	Operating costs directly attributable		28,956			
	Operating costs not directly attributable	-	722	4,593	5,315	-
	Operating expenditure		29,678			

Company Name	**Vector - gas transmission business**
For Year Ended	**30 June 2014**

SCHEDULE 5d: REPORT ON COST ALLOCATIONS

This schedule provides information on the allocation of operational costs. GTBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any reclassifications.

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

5d(ii): Other Cost Allocations

54	**Pass through and recoverable costs**					
55	**Pass through costs**					
56	Directly attributable		1,309			
57	Not directly attributable	-	-	-	-	-
58	**Total attributable to regulated service**		1,309			
59	**Recoverable costs**					
60	Directly attributable		1,798			
61	Not directly attributable	-	-	-	-	-
62	**Total attributable to regulated service**		1,798			

64 **NOTES TO THE REPORT**

5d(iii): Changes in Cost Allocations* †

($000)

			CY-1	Current Year (CY)
67	**Change in cost allocation 1**		**30 Jun 13**	**30 Jun 14**
68	Cost category	Original allocation		
69	Original allocator or line items	New allocation		
70	New allocator or line items	Difference	-	-
72	Rationale for change			

			CY-1	Current Year (CY)
76	**Change in cost allocation 2**		**30 Jun 13**	**30 Jun 14**
77	Cost category	Original allocation		
78	Original allocator or line items	New allocation		
79	New allocator or line items	Difference	-	-
81	Rationale for change			

			CY-1	Current Year (CY)
84	**Change in cost allocation 3**		**30 Jun 13**	**30 Jun 14**
85	Cost category	Original allocation		
86	Original allocator or line items	New allocation		
87	New allocator or line items	Difference	-	-
89	Rationale for change			

** a change in cost allocation must be completed for each allocator or component change that has occurred in the disclosure year. A movement in an allocator metric is not a change in allocator or component.*

† include additional rows if needed

Company Name	**Vector - gas transmission business**
For Year Ended	**30 June 2014**

SCHEDULE 5e: REPORT ON ASSET ALLOCATIONS

This schedule requires information on the allocation of asset values. This information supports the calculation of the RAB value in Schedule 4. GTBs must provide explanatory comment on their cost allocation in Schedule 14 (Mandatory Explanatory Notes), including on the impact of any changes in asset allocations. 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

5e(i): Regulated Service Asset Values

	Value allocated ($000s)
	Gas transmission services
Pipes	
Directly attributable	279,751
Not directly attributable	-
Total attributable to regulated service	279,751
Stations	
Directly attributable	55,364
Not directly attributable	-
Total attributable to regulated service	55,364
Compressors	
Directly attributable	35,492
Not directly attributable	-
Total attributable to regulated service	35,492
Main-line valves	
Directly attributable	2,374
Not directly attributable	-
Total attributable to regulated service	2,374
Other network assets	
Directly attributable	54,778
Not directly attributable	-
Total attributable to regulated service	54,778
Special crossings	
Directly attributable	54,675
Not directly attributable	-
Total attributable to regulated service	54,675
Non-network assets	
Directly attributable	15,826
Not directly attributable	3,829
Total attributable to regulated service	19,655
Regulated service asset value directly attributable	498,260
Regulated service asset value not directly attributable	3,829
Total closing RAB value	502,089

5e(ii): Changes in Asset Allocations* †

($000)

Change in asset value allocation 1

			CY-1 30 Jun 13	Current Year (CY) 30 Jun 14
Asset category		Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	-	-
Rationale for change				

Change in asset value allocation 2

			CY-1 30 Jun 13	Current Year (CY) 30 Jun 14
Asset category		Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	-	-
Rationale for change				

Change in asset value allocation 3

			CY-1 30 Jun 13	Current Year (CY) 30 Jun 14
Asset category		Original allocation		
Original allocator or line items		New allocation		
New allocator or line items		Difference	-	-
Rationale for change				

** a change in asset allocation must be completed for each allocator or component change that has occurred in the disclosure year. A movement in an allocator metric is not a change in allocator or component.*
† include additional rows if needed

Company Name	**Vector - gas transmission business**
For Year Ended	**30 June 2014**

SCHEDULE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR

This schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of which capital contributions are received, but excluding assets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs.
GTBs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory notes to templates).
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			($000)	($000)
7	**6a(i): Expenditure on Assets**			
8		Consumer connection		907
9		System growth		2,186
10		Asset replacement and renewal		9,258
11		Asset relocations		2,218
12		Reliability, safety and environment:		
13		Quality of supply	-	
14		Legislative and regulatory	-	
15		Other reliability, safety and environment	-	
16		**Total reliability, safety and environment**		-
17		**Expenditure on network assets**		14,569
18		Non-network assets		3,049
19				
20		**Expenditure on assets**		17,618
21	*plus*	Cost of financing		434
22	*less*	Value of capital contributions		1,989
23	*plus*	Value of vested assets		-
24				
25		**Capital expenditure**		16,063
26	**6a(ii): Subcomponents of Expenditure on Assets(where known)**			
27		Research and development		-
28	**6a(iii): Consumer Connection**			
29		*Consumer types defined by GTB**	($000)	($000)
30		New connections/load increase	907	
31		[GTB consumer type]		
32		[GTB consumer type]		
33		[GTB consumer type]		
34		[GTB consumer type]		
35		** include additional rows if needed*		
36		**Consumer connection expenditure**		907
37				
38	*less*	Capital contributions funding consumer connection expenditure	19	
39		**Consumer connection less capital contributions**		888
40	**6a(iv): System Growth and Asset Replacement and Renewal**			
41			System Growth ($000)	Asset Replacement and Renewal ($000)
43		Pipes	-	1,604
44		Compressor stations	-	3,733
45		Other stations	1,027	2,089
46		SCADA and communications	-	51
47		Special crossings	-	74
48		*Components of stations (where known)*		
49		Main-line valves	-	247
50		Heating system	568	573
51		Odorisation plants	-	182
52		Coalescers	180	2
53		Metering system	228	388
54		Cathodic protection	183	240
55		Chromatographs	-	75
56		**System growth and asset replacement and renewal expenditure**	2,186	9,258
57	*less*	Capital contributions funding system growth and asset replacement and renewal	-	1
58		**System growth and asset replacement and renewal less capital contributions**	2,186	9,257
59				

Company Name	**Vector - gas transmission business**
For Year Ended	**30 June 2014**

SCHEDULE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR

This schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of which capital contributions are received, but excluding assets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs.
GTBs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory notes to templates).
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

6a(v): Asset Relocations

		($000)	($000)
	*Project or programme**		
	MacKays - Peka Peka Relocation	1,711	
	[Description of material project or programme]		
	[Description of material project or programme]		
	[Description of material project or programme]		
	[Description of material project or programme]		
	** include additional rows if needed*		
	All other asset relocations projects or programmes	507	
	Asset relocations expenditure		2,218
less	Capital contributions funding asset relocations	1,969	
	Asset relocations less capital contributions		249

6a(vi): Quality of Supply

		($000)	($000)
	*Project or programme**		
	[Description of material project or programme]		
	[Description of material project or programme]		
	[Description of material project or programme]		
	[Description of material project or programme]		
	[Description of material project or programme]		
	** include additional rows if needed*		
	All other quality of supply projects or programmes		
	Quality of supply expenditure		-
less	Capital contributions funding quality of supply		
	Quality of supply less capital contributions		-

6a(vii): Legislative and Regulatory

		($000)	($000)
	*Project or programme**		
	[Description of material project or programme]		
	[Description of material project or programme]		
	[Description of material project or programme]		
	[Description of material project or programme]		
	[Description of material project or programme]		
	** include additional rows if needed*		
	All other legislative and regulatory projects or programmes		
	Legislative and regulatory expenditure		-
less	Capital contributions funding legislative and regulatory		
	Legislative and regulatory less capital contributions		-

6a(viii): Other Reliability, Safety and Environment

		($000)	($000)
	*Project or programme**		
	[Description of material project or programme]		
	[Description of material project or programme]		
	[Description of material project or programme]		
	[Description of material project or programme]		
	[Description of material project or programme]		
	** include additional rows if needed*		
	All other reliability, safety and environment projects or programmes		
	Other reliability, safety and environment expenditure		-
less	Capital contributions funding other reliability, safety and environment		
	Other reliability, safety and environment less capital contributions		-

Company Name	**Vector - gas transmission business**
For Year Ended	**30 June 2014**

SCHEDULE 6a: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR

This schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of which capital contributions are received, but excluding assets that are vested assets. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs.
GTBs must provide explanatory comment on their expenditure on assets in Schedule 14 (Explanatory notes to templates).
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				
123	**6a(ix): Non-Network Assets**			
124	**Routine expenditure**			
125	*Project or programme**		**($000)**	**($000)**
126	[Description of material project or programme]			
127	[Description of material project or programme]			
128	[Description of material project or programme]			
129	[Description of material project or programme]			
130	[Description of material project or programme]			
131	** include additional rows if needed*			
132	All other routine expenditure projects or programmes		1,065	
133	**Routine expenditure**			1,065
134	**Atypical expenditure**			
135	*Project or programme**		**($000)**	**($000)**
136	[Description of material project or programme]			
137	[Description of material project or programme]			
138	[Description of material project or programme]			
139	[Description of material project or programme]			
140	[Description of material project or programme]			
141	** include additional rows if needed*			
142	All other atypical expenditure projects or programmes		1,984	
143	**Atypical expenditure**			1,984
144				
145	**Non-network assets expenditure**			3,049

Company Name	**Vector - gas transmission business**
For Year Ended	**30 June 2014**

SCHEDULE 6b: REPORT ON OPERATIONAL EXPENDITURE FOR THE DISCLOSURE YEAR

This schedule requires a breakdown of operating expenditure incurred in the disclosure year. GTBs must provide explanatory comment on their operational expenditure in Schedule 14 (Explanatory notes to templates). This includes explanatory comment on any atypical operating 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			
7	**6b(i): Operational Expenditure**	**($000)**	**($000)**
8	Service interruptions, incidents and emergencies	480	
9	Routine and corrective maintenance and inspection	11,808	
10	Asset replacement and renewal	-	
11	Compressor fuel	3,775	
12	Land management and associated activity	138	
13	**Network opex**		16,201
14	System operations	393	
15	Network support	12,362	
16	Business support	722	
17	**Non-network opex**		13,477
18			
19	**Operational expenditure**		29,678
20	**6b(ii): Subcomponents of Operational Expenditure (where known)**		
21	Research and development		-
22	Insurance		1,890

Company Name	**Vector - gas transmission business**
For Year Ended	**30 June 2014**

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.

GTBs 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 ref		Target ($000) [1]	Actual ($000)	% variance
8	**7(i): Revenue**			
9	Line charge revenue	78,799	88,322	12%
10	**7(ii): Expenditure on Assets**	**Forecast ($000) [2]**	**Actual ($000)**	**% variance**
11	Consumer connection	1,944	907	(53%)
12	System growth	1,069	2,186	104%
13	Asset replacement and renewal	8,513	9,258	9%
14	Asset relocations	5,639	2,218	(61%)
15	Reliability, safety and environment:			
16	Quality of supply	-	-	-
17	Legislative and regulatory	-	-	-
18	Other reliability, safety and environment	-	-	-
19	**Total reliability, safety and environment**	-	-	-
20	**Expenditure on network assets**	17,166	14,569	(15%)
21	Non-network capex	3,258	3,049	(6%)
22	**Expenditure on assets**	20,424	17,618	(14%)
23	**7(iii): Operational Expenditure**			
24	Service interruptions, incidents and emergencies	904	480	(47%)
25	Routine and corrective maintenance and inspection	8,573	11,808	38%
26	Asset replacement and renewal	-	-	-
27	Compressor fuel	3,990	3,775	(5%)
28	Land management and associated activity	684	138	(80%)
29	**Network opex**	14,151	16,201	14%
30	System operations	1,117	393	(65%)
31	Network support	12,037	12,362	3%
32	Business support	9,325	722	(92%)
33	**Non-network opex**	22,479	13,477	(40%)
34	**Operational expenditure**	36,630	29,678	(19%)
35				
36	**7(iv): Subcomponents of Expenditure on Assets (where known)**			
37	Research and development	-	-	-
38				
39	**7(v): Subcomponents of Operational Expenditure (where known)**			
40	Research and development	-	-	-
41	Insurance	2,226	1,890	(15%)
42				

43 *1 From the nominal dollar target revenue for the disclosure year disclosed under clause 2.4.3(3) of the Determination*

44 *2 From the nominal dollar expenditure forecast and disclosed in the second to last AMP as the year CY+1 forecast*

Company Name	**Vector - gas transmission business**
For Year Ended	**30 June 2014**

SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES

This schedule requires disclosure of the delivered quantities and number of offtake points for each type of connection on the GTB's network, and the energy delivered to these offtake points, for the disclosure year. It also requires the billed quantities and associated line charge revenues for each contract type used by the GTB, for the disclosure year.

sch ref

8(i): Delivered quantities by connection type

Connection type	No. of offtake points	Quantity of gas delivered (TJ)
Distribution System	102	31,531
Direct Connect	36	46,659
Inter/Intra Pipeline	1	2,823

Add extra rows for additional Identifiers as necessary

Total for all connections	139	81,013

8(ii): Billed quantities by contract type

Contract type	Quantity of gas billed	Quantity of reserved capacity billed*	Quantity of distance x throughput billed**	Quantity of overrun charges billed*	Other quantity billed	*Add extra columns for additional billed quantities as necessary*
	TJ	TJ	n/a - Maui only	TJ	n/a - no standardised unit	
Standard	45,057	61,133	n/a	246	n/a	
Non-standard	66,757	229,405	n/a	76	n/a	

Add extra rows for additional contract types as necessary

Totals for all contracts	111,814	290,538	-	322	-	

8(iii): Line charge revenues ($000) by contract type

Contract type	Total line charge revenue in disclosure year	Throughput-based line charge revenue	Capacity reservation line charge revenue*	Distance x throughput line charge revenue**	Overrun line charge revenue*	Other line charge revenue	*Add extra columns for additional line charge revenues as necessary*	Notional revenue foregone from posted discounts (if applicable)
Standard	55,431	13,471	40,417	n/a	1,543	0		n/a
Non-standard	32,891	2,353	29,939	n/a	241	358		n/a

Add extra rows for additional contract types as necessary

Totals for all contracts	88,322	15,824	70,356	-	1,784	358		-

*Vector only

**MDL only

Company Name	**Vector - gas transmission business**
For Year Ended	**30 June 2014**

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

7	Asset category	Asset class	Units	Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy (1–4)
8	Pipes	Protected steel pipes	km	2,204	2,204	-	4
9	Pipes	Special crossings	km	7	7	-	4
10	Stations	Compressor stations	No.	8	8	-	4
11	Stations	Offtake point	No.	115	114	(1)	4
12	Stations	Scraper stations	No.	11	11	-	4
13	Stations	Intake points	No.	4	4	-	4
14	Stations	Metering stations	No.	5	5	-	4
15	Compressors	Compressors—turbine driven	No.	2	2	-	4
16	Compressors	Compressors—electric motor driven	No.	-	-	-	N/A
17	Compressors	Compressors—reciprocating engine driven	No.	19	19	-	4
18	Main-line valves	Main line valves manually operated	No.	71	71	-	4
19	Main-line valves	Main line valves remotely operated	No.	7	7	-	4
20	Heating systems	Gas-fired heaters	No.	103	103	-	4
21	Heating systems	Electric heaters	No.	3	3	-	4
22	Odorisation plants	Odorisation plants	No.	23	23	-	4
23	Coalescers	Coalescers	No.	34	34	-	4
24	Metering systems	Meters—ultrasonic	No.	6	7	1	4
25	Metering systems	Meters—rotary	No.	57	58	1	4
26	Metering systems	Meters turbine	No.	74	72	(2)	4
27	Metering systems	Meters—mass flow	No.	-	1	1	4
28	SCADA and communications	Remote terminal units (RTU)	No.	66	67	1	4
29	SCADA and communications	Communications terminals	No.	3	3	-	4
30	Cathodic protection	Rectifier units	No.	32	33	1	4
31	Chromatographs	Chromatographs	No.	9	9	-	4

Company Name **Vector - gas transmission business**

For Year Ended **30 June 2014**

SCHEDULE 9b: ASSET AGE PROFILE

This schedule requires a summary of the age profile (based on year of installation) of the assets that make up the network, by asset category and asset class.

sch ref

7 **Disclosure Year (year ended)** 30 June 2014

Number of assets at disclosure year end by installation date

8	Asset category	Asset class	Units	pre-1960	1960 –1964	1965 –1969	1970 –1974	1975 –1979	1980 –1984	1985-1989	1990 –1994	1995 –1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	No. with age unknown	Total assets at year end	No. with default dates	Data accuracy (1–4)
9	Pipes	Protected steel pipes	km	-	-	637	69	20	1,285	149	10	21	1	0	-	-	1	0	3	1	1	2	0	1	0	-	1		2,204		3
10	Pipes	Special crossings	km	-	-	2	1	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-		7		3
11	Stations	Compressor stations	No.	-	-	1	-	2	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		8		3
12	Stations	Offtake point	No.	-	-	5	9	8	57	14	4	12	-	-	-	-	-	2	-	2	-	-	-	-	-	-	1		114		3
13	Stations	Scraper stations	No.	-	-	3	-	1	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		11		3
14	Stations	Intake points	No.	-	-	-	-	1	1	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		4		3
15	Stations	Metering stations	No.	-	-	1	-	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-		5		3
16	Compressors	Compressors—turbine driven	No.	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		2		3
17	Compressors	Compressors—electric motor driven	No.																										-		N/A
18	Compressors	Compressors—reciprocating engine driven	No.	-	-	4	-	6	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		19		3
19	Main-line valves	Main line valves manually operated	No.	-	-	18	6	6	26	13	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		71		3
20	Main-line valves	Main line valves remotely operated	No.	-	-	-	2	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		7		3
21	Heating systems	Gas-fired heaters	No.	-	-	5	6	9	49	16	2	6	-	-	-	-	-	2	-	3	-	1	1	-	2	1	-		103		3
22	Heating systems	Electric heaters	No.	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-		3		3
23	Odorisation plants	Odorisation plants	No.	-	-	1	-	2	2	-	-	2	-	-	-	-	14	-	-	-	-	-	-	-	2	-	-		23		3
24	Coalescers	Coalescers	No.	-	-	2	2	7	14	5	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		34		3
25	Metering systems	Meters—ultrasonic	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	2	-	-	1	1		7		3
26	Metering systems	Meters—rotary	No.	-	-	-	-	1	11	12	7	2	1	1	-	-	1	1	3	3	-	1	5	3	2	3	1		58		3
27	Metering systems	Meters turbine	No.	-	-	-	-	-	8	27	3	13	-	-	-	-	1	-	-	2	2	7	2	3	3	1	-		72		3
28	Metering systems	Meters—mass flow	No.																								1		1		4
29	SCADA and communications	Remote terminal units (RTU)	No.	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4	23	12	8	5	3	9	1	-	1		67		3
30	SCADA and communications	Communications terminals	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-			3		3
31	Cathodic protection	Rectifier units	No.	-	-	-	-	1	7	4	1	2	3	3	-	1	-	-	-	-	1	1	1	-	-	7	1		33		3
32	Chromatographs	Chromatographs	No.	-	-	-	-	-	-	-	-	1	-	-	-	-	1	2	-	2	1	-	1	1	-	-			9		3

Company Name	**Vector - gas transmission business**
For Year Ended	**30 June 2014**

SCHEDULE 9c: REPORT ON PIPELINE DATA

This schedule requires a summary of the key characteristics of the pipeline network.

sch ref

	Transmission system/pipeline segment	Length of pipe (km) (at year end)	Length-weighted average diameter of pipe (mm)	MOAP	Max monthly quantity entering the system (TJ/month)	Max weekly quantity entering the system (TJ/week)	Total gas conveyed (TJ/year)	Gas conveyed for Persons not involved in the GTB (TJ/year)	Number of offtake points
8	South-Kapuni-Frankley Road	1,030	220	5200, 6620, 8620	3,854	989	31,333	28,844	58
9	Bay of Plenty	610	156	2000, 8620	870	216	8,504	3,138	29
10	North	548	189	4960, 6620, 8620	4,551	1,130	40,872	23,059	40
11	Te Awamutu North	7	155	8620	85	25	611	3	2
12	Minor	16	69	4960, 7140, 8620	33	8	341	190	10
13									
14	**Total**	2,211							

Length by assigned location class (km)

		Secondary location class						
16		Sensitive Use (S)	Industrial (I)	Heavy Industrial (HI)	Common Infrastructure Corridor (CIC)	Submerged (W)	Total (km) (at year end) *	Percentage of Total
17	Primary location class Rural (R1) land	2	10	4	2	1	1,973	89.25%
18	Primary location class Rural Residential (R2) land	8	0	-	-	1	142	6.44%
19	Primary location class Residential (T1) land	24	23	-	-	3	95	4.30%
20	Primary location class High Density (T2) land	-	-	-	-	-	-	-

21 ** The total km is not the same as the sum of the secondary location classes as a pipeline section may only have a primary location class.*

Company Name	**Vector - gas transmission business**
For Year Ended	**30 June 2014**

SCHEDULE 9d: REPORT ON DEMAND

This schedule requires a summary of the key measures of network demand for the disclosure year (number of new connections including, maximum monthly loads and total gas conveyed)

sch ref

9d(i): New Connections

Consumer types defined by GTB	Number of new connections
Shipper	1

** include additional rows if needed*

Connections total 1

9d(ii): Gas Volumes and Connections

Consumer types defined by GTB	Gas deliveries by connected party (TJ)	Number of connection points
Shipper	81,013	139

** include additional rows if needed*

Total 81,013 139

9d(iii): Gas conveyed

	(TJ)
Total gas entering the network	81,888
Total gas delivered to consumers	81,013
Total gas used in compressor stations	525
Total gas used in heating systems	123
Total unaccounted for gas	230
Total gas conveyed	81,661

Unaccounted for Gas

Transmission system	Total gas entering system (TJ)	UFG (TJ)	UFG (%)
SKF	34,876	127	0.36%
BOP	8,600	91	1.06%
NORTH	40,880	12	0.03%
TAN	607	-	-
MINORS	345	-	-
			-
Total	85,308		

Company Name	**Vector - gas transmission business**
For Year Ended	**30 June 2014**

SCHEDULE 10a: REPORT ON NETWORK RELIABILITY AND INTERRUPTIONS

This schedule requires a summary of the key measures of network reliability (interruptions, compressor availability) for the disclosure year
GTBs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory Notes to Templates).

sch ref

10a(i): Interruptions and Reliability

Total number of planned interruptions	-
Service incidents and emergencies	
Number of incidents	122

Unplanned interruptions in transmission systems

Description and cause of Interruption	Transmission systems affected	Date	Duration (hrs)
None			

**Add rows as necessary*

Number of interruption or curtailment events:

due to insufficient capacity	-
due to consumer flows exceeding approved quantities	-
caused by equipment failure	-
caused by third parties	32
Total	32

10a(ii): Compressor Availability

Compressor station code/name	Compressor unit ID	Number of hours the compressor ran	Number of hours compressor was available for service	Number of instances where the compressor failed to start	Number of instances where a compressor was required but unavailable for service
Henderson Compresor Station	Henderson 1	7	4,786	-	-
Kaitoke Compresor Station	Kaitoke 1	130	8,135	5	-
Kaitoke Compresor Station	Kaitoke 2	255	7,785	25	-
Kapuni Gas Treatment Plant Compressor Station	Kapuni 2	4,842	8,214	-	-
Kapuni Gas Treatment Plant Compressor Station	Kapuni 3	4,050	8,076	5	-
Kapuni Gas Treatment Plant Compressor Station	Kapuni 5	2,933	7,061	9	-
Kawerau Compressor Station	Kawerau 1	65	7,656	6	1
Kawerau Compressor Station	Kawerau 2	61	5,959	3	-
Mahoenui Compressor Station	Mahoenui 1	177	5,249	7	-
Mahoenui Compressor Station	Mahoenui 2	261	7,597	1	1
Mahoenui Compressor Station	Mahoenui 3	172	6,786	4	1
Pokuru Compressor Station	Pokuru 1	2,341	7,176	2	-
Pokuru Compressor Station	Pokuru 2	6,244	8,674	9	1
Rotowaro Compressor Station	Rotowaro 3	2,794	7,218	1	-
Rotowaro Compressor Station	Rotowaro 4	2,867	8,274	1	-
Rotowaro Compressor Station	Rotowaro 5	3,723	7,829	-	-
Rotowaro Compressor Station	Rotowaro 6	2,177	8,616	-	-

**Add rows as necessary*

Company Name	**Vector - gas transmission business**
For Year Ended	**30 June 2014**

SCHEDULE 10b: REPORT ON NETWORK INTEGRITY

This schedule requires a summary of the key measures of network integrity (product control, gas escapes, RTEs) for the disclosure year.

sch ref		
7	**Product control**	
8	Number of incidents relating to pressure	17
9	Number of incidents relating to gas specification	11
10	Number of incidents relating to odorisation	1
11		
12	**Response time to emergencies (RTE)**	
13	Proportion of emergencies responded to within 3 hours (%)	n/a
14	Average call response time (hours)	n/a
15	Number of emergencies	-
16		
17	**Gas leaks**	
18	Number of confirmed public reported gas escapes per 1000 km of pipeline	8
19	Number of confirmed gas leaks caused by a third party per 1000 km of pipeline	-
20	Number of gas leaks detected by the GTB	2
21	Number of gas leaks that did not result in disruption to supply	8