



**GDB Information Disclosure Requirements  
Information Templates  
for  
Schedules 1–10 (Public)**

<b>Company Name</b>	Vector - gas distribution business
<b>Disclosure Date</b>	9 December 2013
<b>Disclosure Year (year ended)</b>	30 June 2013

**Table of Contents****Schedule Description**

- 1 [Analytical Ratios](#)
- 2 [Report on Return on Investment](#)
- 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](#)
- 8 [Report on Billed Quantities and Line Charge Revenues \(by Price Component\)](#)
- 9a [Asset Register](#)
- 9b [Asset Age Profile](#)
- 9c [Report on Pipeline Data](#)
- 9d [Report on Demand](#)
- 10a [Report on Network Reliability and Interruptions](#)
- 10b [Report on Network Integrity and Consumer Service](#)

### **Disclosure Template Guidelines for Information Entry**

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. Disclosures must be made available to the public within 6 months after the start of the disclosure year and a copy provided to the Commission within 5 working days of being disclosed to the public.

#### ***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 Z to AD (2013 to 2017) contain conditional formatting. The data entry cells for future years are hidden (are changed from white to yellow).

Schedule 9c cell P30 will change colour if P30 (overhead circuit length by terrain) does not equal P18 (overhead circuit length by operating voltage).

Schedule 4 cells Q97:Q103 and Q105 will change colour if the RAB values do not equal the corresponding values in

#### ***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.

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 71 of each template to allow blocks of rows to be copied. The four steps to add new cost category rows to table 5d(iii) and table 5e(ii) are: Select Excel rows 62:69 of the relevant template, copy, select Excel row 71, then insert copied cells.

The template for schedule 8 may require additional columns to be inserted. To avoid interfering with the title block entries, these should be inserted to the left of column S.

#### ***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 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 completed. Data entry may be assisted by completing the schedules in the following order:

1. Coversheet
2. Schedules 5a–5h
3. Schedules 6a and 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

**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 disclose 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. The CY-1 and CY-2 columns do not need to be completed until the 2013 and 2014 disclosure years respectively.

**Schedule 8: Report on Billed Quantities and Line Charge Revenues**

This template should be completed in respect of each consumer groups or price category code (as applicable) that applied in the relevant disclosure year. The 'Average number of ICPs in disclosure year' column entries should be the arithmetic mean of monthly total ICPs (at month end).

Company Name **Vector - gas distribution business**  
 For Year Ended **30 June 2013**

## 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

### 7 1(i): Expenditure Metrics

	Expenditure per TJ energy delivered to ICPs (\$/TJ)	Expenditure per average no. of ICPs (\$/ICP)	Ratio of expenditure to maximum monthly amount of gas entering network (\$ per GJ/month)	Expenditure per km of pipeline for supply (\$/km)
Operational expenditure	825	113	8	1,685
Network	371	51	4	758
Non-network	454	62	4	927
Expenditure on assets	1,137	156	11	2,322
Network	1,054	145	10	2,153
Non-network	82	11	1	168

### 18 1(ii): Revenue Metrics

	Revenue per TJ energy delivered to ICPs (\$/TJ)	Revenue per average no. of ICPs (\$/ICP)
Total line charge revenue	4,042	555
Standard consumer line charge revenue	3,569	490
Non-standard consumer line charge revenue	473	65

### 24 1(iii): Service Intensity Measures

Demand density	207	Maximum monthly amount of gas entering network (GJ/month)/Total pipeline length
Volume density	2	Total TJ delivered to ICPs/Total pipeline length
Connection point density	15	Average number of ICPs in disclosure year/Total pipeline length
Energy intensity	137	Total GJ delivered to ICPs/Average number of ICPs in disclosure year

### 31 1(iv): Composition of Revenue Requirement

	(\$000)	% of revenue
Operational expenditure	17,657	20.45%
Pass-through and recoverable costs	1,919	2.22%
Total depreciation	14,398	16.68%
Total revaluation	3,134	3.63%
Regulatory tax allowance	12,908	14.95%
Regulatory profit/loss	42,502	49.22%
<b>Total regulatory income</b>	<b>86,342</b>	

### 41 1(v): Reliability

	Interruptions per 100km of pipeline length
42 Interruption rate	31.40

Company Name	<b>Vector - gas distribution business</b>
For Year Ended	<b>30 June 2013</b>

**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 be provided in 2(iii). 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.

sch ref

7	<b>2(i): Return on Investment</b>		CY-2	CY-1	Current Year CY
8		for year ended	30 Jun 11	30 Jun 12	30 Jun 13
9	<b>Post tax WACC</b>		%	%	%
10	ROI—comparable to a post tax WACC			7.93%	8.24%
11					
12	<b>Mid-point estimate of post tax WACC</b>			6.89%	6.02%
13	25th percentile estimate			6.08%	5.21%
14	75th percentile estimate			7.70%	6.83%
15					
16					
17	<b>Vanilla WACC</b>				
18	ROI—comparable to a vanilla WACC			8.72%	8.94%
19					
20	<b>Mid-point estimate of vanilla WACC</b>			7.69%	6.72%
21	25th percentile estimate			6.88%	5.91%
22	75th percentile estimate			8.50%	7.53%
23					
24					
25	<b>2(ii): Information Supporting the ROI</b>				<b>(\$000)</b>
26					
27	Total opening RAB value		458,523		
28	plus Opening deferred tax		(14,619)		
29	Opening RIV			443,904	
30					
31	Operating surplus / (deficit)		66,766		
32	less Regulatory tax allowance		12,908		
33	less Assets commissioned		20,404		
34	plus Asset disposals		190		
35	<b>Notional net cash flows</b>			33,644	
36					
37	Total closing RAB value		467,458		
38	less Adjustment resulting from asset allocation		(15)		
39	less Lost and found assets adjustment		-		
40	plus Closing deferred tax		(19,014)		
41	<b>Closing RIV</b>			448,459	
42					
43	ROI—comparable to a vanilla WACC			8.94%	
44					
45	Leverage (%)			44%	
46	Cost of debt assumption (%)			5.68%	
47	Corporate tax rate (%)			28%	
48					
49	ROI—comparable to a post tax WACC			8.24%	

Company Name	<b>Vector - gas distribution business</b>
For Year Ended	<b>30 June 2013</b>

**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 be provided in 2(iii). 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.

sch ref

**2(iii): Information Supporting the Monthly ROI**

Cash flows	(\$000)					
	Total regulatory income	Expenses	Tax payments	Assets commissioned	Asset disposals	Notional net cash flows
Month 1	8,704	1,916	-	279	63	6,572
Month 2	9,808	1,958	-	1,180	-	6,670
Month 3	8,094	1,905	-	1,669	34	4,554
Month 4	7,273	1,835	-	1,342	2	4,098
Month 5	6,834	1,215	1,442	1,893	20	2,304
Month 6	5,878	1,202	-	1,247	1	3,430
Month 7	5,313	1,428	-	1,259	1	2,627
Month 8	5,028	1,446	-	1,593	1	1,990
Month 9	5,863	1,279	11,466	1,990	1	(8,871)
Month 10	6,100	1,437	-	1,575	1	3,089
Month 11	7,832	1,724	-	2,377	24	3,755
Month 12	9,615	2,231	-	4,000	42	3,426
<b>Total</b>	<b>86,342</b>	<b>19,576</b>	<b>12,908</b>	<b>20,404</b>	<b>190</b>	<b>33,644</b>

	Opening / closing RAB	Adjustment resulting from asset allocation	Lost and found assets adjustment	Opening / closing deferred tax	Revenue related working capital	Total
Monthly ROI - openi	458,523			(14,619)	9,149	453,053
Monthly ROI - closin	467,458	(15)	-	(19,014)	9,615	457,983
Monthly ROI - closing RIV less term credit spread differential allowance						457,983
<b>Monthly ROI—comparable to a vanilla WACC</b>						<b>8.93%</b>
<b>Monthly ROI—comparable to a post-tax WACC</b>						<b>8.23%</b>

**2(iv): Year-End ROI Rates for Comparison Purposes**

Year-end ROI—comparable to a vanilla WACC	9.36%
Year-end ROI—comparable to a post-tax WACC	8.66%

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





**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 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 Value (Rolled Forward)**

	RAB CY-4 (\$000)	RAB CY-3 (\$000)	RAB CY-2 (\$000)	RAB CY-1 (\$000)	RAB CY (\$000)
Total opening RAB value		418,694	423,843	447,295	458,523
less Total depreciation		13,416	12,571	13,662	14,398
plus Total revaluations		6,925	13,596	4,248	3,134
plus Assets commissioned		12,363	22,745	20,664	20,404
less Asset disposals		723	328	48	190
plus Lost and found assets adjustment		-	-	-	-
plus Adjustment resulting from asset allocation		-	10	26	(15)
Total closing RAB value		423,843	447,295	458,523	467,458

**4(ii): Unallocated Regulatory Asset Base**

	Unallocated RAB * (\$000)	RAB (\$000)
Total opening RAB value	486,851	458,523
less Total depreciation	25,633	14,398
plus Total revaluations	3,300	3,134
plus Assets commissioned (other than below)	28,960	20,404
Assets acquired from a regulated supplier	-	-
Assets acquired from a related party	-	-
Assets commissioned	28,960	20,404
less Asset disposals (other than below)	231	190
Asset disposals to a regulated supplier	-	-
Asset disposals to a related party	-	-
Asset disposals	231	190
plus Lost and found assets adjustment	-	-
plus Adjustment resulting from asset allocation	-	(15)
Total closing RAB value	493,247	467,458

\* The 'unallocated RAB' is the total value of those assets used wholly or partially to provide gas distribution 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 <sub>t</sub>	1.176
CPI <sub>t-4</sub>	1.168
Revaluation rate (%)	0.68%

  

	Unallocated RAB * (\$000)	RAB (\$000)
Total opening RAB value	486,851	458,523
less Opening RAB value of fully depreciated, disposed and lost assets	5,075	969
Total opening RAB value subject to revaluation	481,776	457,554
Total revaluations	3,300	3,134

**4(iv): Roll Forward of Works Under Construction**

	Unallocated works under construction	Allocated works under construction
Works under construction—preceding disclosure year	1,567	707
plus Capital expenditure	30,030	20,910
less Assets commissioned	28,960	20,404
plus Adjustment resulting from asset allocation	-	(6)
Works under construction - current disclosure year	2,637	1,207
Highest rate of capitalised finance applied		6.83%

**4(v): Regulatory Depreciation**

	Unallocated RAB * (\$000)	RAB (\$000)
Depreciation - standard	12,551	12,551
Depreciation - no standard life assets	13,082	1,847
Depreciation - modified life assets	-	-
Depreciation - alternative depreciation in accordance with CPP	-	-
Total depreciation	25,633	14,398

(\$000 unless otherwise specified)

**4(vi): Disclosure of Changes to Depreciation Profiles**

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

\* include additional rows if needed

**4(vii): Disclosure by Asset Category**

(\$000 unless otherwise specified)

Company Name **Vector - gas distribution business**  
 For Year Ended **30 June 2013**

**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 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

		Intermediate pressure main pipelines	Medium pressure main pipelines	Low pressure main pipelines	Service pipe	Stations	Line valve	Special crossings	Other network assets	Non-network assets	Total
108											
109	<b>Total opening RAB value</b>										-
110	less Total depreciation										-
111	plus Total revaluations										-
112	plus Assets commissioned										-
113	less Asset disposals										-
114	plus Lost and found assets adjustment										-
115	plus Adjustment resulting from asset allocation										-
116	plus Asset category transfers										-
117	<b>Total closing RAB value</b>	59,841	307,438	11,894	63,959	5,529	3,488	-	10,676	4,633	467,458
118											
119	<b>Asset Life</b>										
120	Weighted average remaining asset life	42	43	42	45	27	36	-	18	7	(years)
121	Weighted average expected total asset life	71	60	60	60	35	63	-	46	13	(years)

Company Name **Vector - gas distribution business**  
 For Year Ended **30 June 2013**

### 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 2.8.

sch ref

		(\$000)
7	<b>5a(i): Regulatory Tax Allowance</b>	
8	<b>Regulatory profit / (loss) before tax</b>	55,410
9		
10	<i>plus</i> Income not included in regulatory profit / (loss) before tax but taxable	-
11	Expenditure or loss in regulatory profit / (loss) before tax but not deductible	15
12	Amortisation of initial differences in asset values	4,125
13	Amortisation of revaluations	566
14		4,706
15		
16	<i>less</i> Income included in regulatory profit / (loss) before tax but not taxable	3,134
18	Expenditure or loss deductible but not in regulatory profit / (loss) before tax	-
19	Notional deductible interest	10,881
20		14,015
21		
22	<b>Regulatory taxable income</b>	46,101
23		
24	<i>less</i> Utilised tax losses	-
25	<b>Regulatory net taxable income</b>	46,101
26		
27	Corporate tax rate (%)	28%
28	<b>Regulatory tax allowance</b>	12,908
29		
30	* Workings to be provided in Schedule 14	
31		
32	<b>5a(ii): Disclosure of Permanent Differences</b>	
33	In Schedule 14, Box 8, provide descriptions and workings of items recorded in the asterisked categories in Schedule 5a(i).	
34	<b>5a(iii): Amortisation of Initial Difference in Asset Values</b>	(\$000)
35		
36	Opening unamortised initial differences in asset values	165,004
37	Amortisation of initial differences in asset values	4,125
38	Adjustment for unamortised initial differences in assets acquired	-
39	Adjustment for unamortised initial differences in assets disposed	(63)
40	Closing unamortised initial difference in asset values	160,816
41		
42	Opening weighted average remaining asset life (years)	40
43	<b>5a(iv): Amortisation of Revaluations</b>	(\$000)
44		
45	Opening Sum of RAB values without revaluations	436,992
46		
47	Adjusted depreciation	13,832
48	Total depreciation	14,398
49	Amortisation of revaluations	566

Company Name **Vector - gas distribution business**  
 For Year Ended **30 June 2013**

**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 2.8.

*sch ref*

57	<b>5a(v): Reconciliation of Tax Losses</b>		<b>(\$000)</b>
58			
59	Opening tax losses		-
60	plus Current period tax losses		-
61	less Utilised tax losses		-
62	Closing tax losses		-
63	<b>5a(vi): Calculation of Deferred Tax Balance</b>		<b>(\$000)</b>
64			
65	Opening deferred tax		(14,619)
66			
67	plus Tax effect of adjusted depreciation		3,874
68			
69	less Tax effect of total tax depreciation		6,857
70			
71	plus Tax effect of other temporary differences*		(267)
72			
73	less Tax effect of amortisation of initial differences in asset values		1,155
74			
75	plus Deferred tax balance relating to assets acquired in the disclosure year		-
76			
77	less Deferred tax balance relating to assets disposed in the disclosure year		(9)
78			
79	plus Deferred tax cost allocation adjustment		1
80			
81	Closing deferred tax		(19,014)
82			
83	<b>5a(vii): Disclosure of Temporary Differences</b>		
84			
85	In Schedule 14, Box 9, provide descriptions and workings of items recorded in the asterisked category in Schedule 5a(vi) (Tax effect of other temporary differences).		
86	<b>5a(viii): Regulatory Tax Asset Base Roll-Forward</b>		<b>(\$000)</b>
87			
88	Opening Sum of regulatory tax asset values		217,392
89	less Tax depreciation		24,488
90	plus Regulatory tax asset value of assets commissioned		22,214
91	less Regulatory tax asset value of asset disposals		157
92	plus Lost and found assets adjustment		-
93	plus Other adjustments to the RAB tax value		(114)
94	Closing sum of regulatory tax asset values		214,847

Company Name **Vector - gas distribution business**  
 For Year Ended **30 June 2013**

**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	7,630
Operational expenditure	-
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.

\* 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	Sold distribution services	7,630	Clause 2.3.7 (2) (a) - price received by the GDB as more than 50% of the GDB's sales are to third parties who receive substantially the same terms, including price, as the related party.

\* include additional rows if needed

Company Name **Vector - gas distribution business**  
 For Year Ended **30 June 2013**

**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	153,215	[ ]VCI	[ ]VCI	[ ]VCI
Capital bonds – fixed coupon	15-Jun-12	14-Jun-12	5.0	7	262,651	262,217	[ ]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
<b>Subtotal of floating rate notes</b>				<b>1,200,000</b>	<b>1,152,627</b>				
Medium term notes – GBP fixed rate	11-Apr-08	8-Apr-08	10.8	7.625	285,614	223,125	[ ]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
<b>Subtotal of senior notes - USD fixed rate</b>					<b>646,014</b>	<b>629,672</b>			
Bank loans	3-Feb-12	3-Feb-12	3	BKBM+ [ ]VCI					
	3-Feb-12	3-Feb-12	3	BKBM+ [ ]VCI					
	29-Jul-10	29-Jul-10	3	BKBM+ [ ]VCI					
<b>Subtotal of bank loans</b>						<b>(187)</b>			
Working capital loans	17-Dec-10	17-Dec-10	3	BKBM+ [ ]VCI					
	17-Dec-10	17-Dec-10	3	BKBM+ [ ]VCI					
<b>Subtotal of working capital loan</b>						<b>(239)</b>			
						<b>2,420,430</b>	<b>[ ]VCI</b>	<b>[ ]VCI</b>	<b>[ ]VCI</b>

\* include additional rows if needed

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

Gross term credit spread differential		1,106
Total book value of interest bearing debt	2,455,411	
Leverage	44%	
Average opening and closing RAB values	462,991	
Attribution Rate (%)		8%
Term credit spread differential allowance		92

Company Name **Vector - gas distribution business**  
 For Year Ended **30 June 2013**

**SCHEDULE 5d: REPORT ON COST ALLOCATIONS**

This schedule provides information on the allocation of operational costs. GDBs 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

		Value allocated (\$000s)				OVABAA allocation increase (\$000s)																														
		Arm's length deduction	Gas distribution services	Non-gas distribution services	Total																															
<b>5d(i): Operating Cost Allocations</b>																																				
<b>Service interruptions, incidents and emergencies</b>																																				
	Directly attributable		3,966																																	
	Not directly attributable																																			
	<b>Total attributable to regulated service</b>		3,966																																	
<b>Routine and corrective maintenance and inspection</b>																																				
	Directly attributable		3,978																																	
	Not directly attributable																																			
	<b>Total attributable to regulated service</b>		3,978																																	
<b>Asset replacement and renewal</b>																																				
	Directly attributable																																			
	Not directly attributable																																			
	<b>Total attributable to regulated service</b>																																			
<b>System operations and network support</b>																																				
	Directly attributable		2,762																																	
	Not directly attributable		930	3,763	4,693																															
	<b>Total attributable to regulated service</b>		3,692																																	
<b>Business support</b>																																				
	Directly attributable		12																																	
	Not directly attributable		6,009	35,376	41,385																															
	<b>Total attributable to regulated service</b>		6,021																																	
	<b>Operating costs directly attributable</b>		10,718																																	
	<b>Operating costs not directly attributable</b>		6,939	39,139	46,078																															
	<b>Operating expenditure</b>		17,657																																	
<b>5d(ii): Other Cost Allocations</b>																																				
<b>Pass through and recoverable costs</b>																																				
<b>Pass through costs</b>																																				
	Directly attributable		1,919																																	
	Not directly attributable																																			
	<b>Total attributable to regulated service</b>		1,919																																	
<b>Recoverable costs</b>																																				
	Directly attributable																																			
	Not directly attributable																																			
	<b>Total attributable to regulated service</b>																																			
<b>5d(iii): Changes in Cost Allocations* †</b>																																				
<b>Change in cost allocation 1</b>																																				
	Cost category																																			
	Original allocator or line items																																			
	New allocator or line items																																			
	Rationale for change																																			
<b>Change in cost allocation 2</b>																																				
	Cost category																																			
	Original allocator or line items																																			
	New allocator or line items																																			
	Rationale for change																																			
<b>Change in cost allocation 3</b>																																				
	Cost category																																			
	Original allocator or line items																																			
	New allocator or line items																																			
	Rationale for change																																			
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">CY-1</th> <th colspan="2">Current Year (CY)</th> </tr> <tr> <th colspan="2"></th> <th colspan="2">30 Jun 12</th> <th colspan="2">30 Jun 13</th> </tr> </thead> <tbody> <tr> <td>Original allocation</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>New allocation</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Difference</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>									CY-1		Current Year (CY)				30 Jun 12		30 Jun 13		Original allocation						New allocation						Difference					
		CY-1		Current Year (CY)																																
		30 Jun 12		30 Jun 13																																
Original allocation																																				
New allocation																																				
Difference																																				
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">CY-1</th> <th colspan="2">Current Year (CY)</th> </tr> <tr> <th colspan="2"></th> <th colspan="2">30 Jun 12</th> <th colspan="2">30 Jun 13</th> </tr> </thead> <tbody> <tr> <td>Original allocation</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>New allocation</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Difference</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>									CY-1		Current Year (CY)				30 Jun 12		30 Jun 13		Original allocation						New allocation						Difference					
		CY-1		Current Year (CY)																																
		30 Jun 12		30 Jun 13																																
Original allocation																																				
New allocation																																				
Difference																																				
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">CY-1</th> <th colspan="2">Current Year (CY)</th> </tr> <tr> <th colspan="2"></th> <th colspan="2">30 Jun 12</th> <th colspan="2">30 Jun 13</th> </tr> </thead> <tbody> <tr> <td>Original allocation</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>New allocation</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Difference</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>									CY-1		Current Year (CY)				30 Jun 12		30 Jun 13		Original allocation						New allocation						Difference					
		CY-1		Current Year (CY)																																
		30 Jun 12		30 Jun 13																																
Original allocation																																				
New allocation																																				
Difference																																				

\* a change in cost allocation must be completed for each cost allocator 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 distribution business**  
 For Year Ended **30 June 2013**

**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. GDBs 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 distribution services
7	<b>Main pipe</b>	
11	Directly attributable	379,173
12	Not directly attributable	-
13	<b>Total attributable to regulated service</b>	379,173
14	<b>Service pipe</b>	
15	Directly attributable	63,959
16	Not directly attributable	-
17	<b>Total attributable to regulated service</b>	63,959
18	<b>Stations</b>	
19	Directly attributable	5,529
20	Not directly attributable	-
21	<b>Total attributable to regulated service</b>	5,529
22	<b>Line valve</b>	
23	Directly attributable	3,488
24	Not directly attributable	-
25	<b>Total attributable to regulated service</b>	3,488
26	<b>Special crossings</b>	
27	Directly attributable	-
28	Not directly attributable	-
29	<b>Total attributable to regulated service</b>	-
30	<b>Other network assets</b>	
31	Directly attributable	10,676
32	Not directly attributable	-
33	<b>Total attributable to regulated service</b>	10,676
34	<b>Non-network assets</b>	
35	Directly attributable	888
36	Not directly attributable	3,745
37	<b>Total attributable to regulated service</b>	4,633
38		
39	Regulated service asset value directly attributable	463,713
40	Regulated service asset value not directly attributable	3,745
41	<b>Total closing RAB value</b>	467,458
42		

5e(ii): Changes in Asset Allocations* †		(\$000)	
		CY-1 30 Jun 12	Current Year (CY) 30 Jun 13
53	<b>Change in asset value allocation 1</b>		
54	Asset category	Original allocation	
55	Original allocator or line items	New allocation	
56	New allocator or line items	Difference	
57			
58	Rationale for change		
59			
60	<b>Change in asset value allocation 2</b>		
61	Asset category	Original allocation	
62	Original allocator or line items	New allocation	
63	New allocator or line items	Difference	
64			
65	Rationale for change		
66			
67	<b>Change in asset value allocation 3</b>		
68	Asset category	Original allocation	
69	Original allocator or line items	New allocation	
70	New allocator or line items	Difference	
71			
72	Rationale for change		
73			

\* 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 distribution business**  
 For Year Ended **30 June 2013**

**SCHEDULE 5h: REPORT ON TRANSITIONAL FINANCIAL INFORMATION**

This schedule requires information on:

- the calculation of the initial RAB value for the GDB;
- how the initial RAB value has been rolled forward to 30 June 2012 for Gasnet and Vector, and to 30 September 2012 for Powerco;
- a summary of revaluations,
- the value of works under construction, and
- regulatory tax.

GDBs must complete this schedule in relation to the disclosure year ending 2012, and at that time must provide explanatory comment in Schedule 14b (Explanatory Notes on Transitional Financial Information) on the tax effect of temporary differences disclosed in part 5h(vii) of this schedule.

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

**Regulatory Asset Base Value**

**5h(i): Establishment of Initial Regulatory Asset Base Value**

	Unallocated Initial RAB	
	(\$000)	(\$000)
2009 disclosed assets - Non-Current Assets as of 31 March 2009		117,303
2009 authorised assets		289,421
2009 modified asset values (adjusted for results of asset adjustment process)		426,092
Adjustment to reinstate 2009 modified asset values to unallocated amounts	25,382	
<b>Unallocated 2009 modified asset values</b>		<b>451,474</b>
<i>less (to the extent included in row 13)</i>		
Assets not used to supply gas distribution services		
Easement land		
Non-qualifying intangible assets		
Works under construction	4,660	
<b>Unallocated asset values excluded from unallocated 2009 modified asset values</b>		<b>4,660</b>
<b>Unallocated initial RAB values</b>		<b>446,814</b>

**5h(ii): Roll forward of Unallocated Regulatory Asset Base Value - 2010, 2011 and 2012**

	2010		2011		2012	
	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)
<b>Total opening RAB value</b>		446,814		447,903		472,196
<i>less</i>						
<b>Total depreciation</b>		25,173		20,429		23,067
<i>plus</i>						
<b>Total revaluations</b>		7,264		14,258		4,463
<i>plus</i>						
Assets commissioned (other than below)	19,721		31,003		33,334	
Assets acquired from a regulated supplier	-		-		-	
Assets acquired from a related party	-		-		-	
<b>Assets commissioned</b>		19,721		31,003		33,334
<i>less</i>						
Asset disposals (other than below)	723		539		75	
Assets disposed of to a regulated supplier	-		-		-	
Assets disposed of to a related party	-		-		-	
<b>Asset disposals</b>		723		539		75
<i>plus</i>						
Lost and found assets adjustment		-		-		-
<b>Total closing RAB value</b>		<b>447,903</b>		<b>472,196</b>		<b>486,851</b>

**5h(iii): Calculation of Revaluation Rate and Indexed Revaluation**

	(\$000 unless otherwise specified)		
	2010	2011	2012
CPI at CPI reference date—preceding disclosure year	1,103	1,121	1,157
CPI at CPI reference date—current disclosure year	1,121	1,157	1,168
Revaluation rate (%)	1.67%	3.21%	0.95%
<i>less</i>			
Total opening RAB value	446,814	447,903	472,196
Opening RAB value of fully depreciated, disposed and lost assets	10,548	4,208	2,728
Total opening RAB value subject to revaluation	436,266	443,695	469,468
<b>Total revaluations</b>		<b>7,264</b>	
			<b>14,257</b>
			<b>4,463</b>

**5h(iv): Works Under Construction**

	Unallocated works under construction		Allocated works under construction	
<b>Works under construction—year ended 2009</b>		<b>5,241</b>		<b>4,773</b>
<i>plus</i>				
Capital expenditure—year ended 2010		22,912		12,151
<i>less</i>				
Assets commissioned—year ended 2010		19,721		12,363
<i>plus</i>				
Adjustment resulting from asset allocation—year ended 2010				55
<b>Works under construction—year ended 2010</b>			8,432	4,616
<i>plus</i>				
Capital expenditure—year ended 2011		28,050		19,126
<i>less</i>				
Assets commissioned—year ended 2011		31,003		22,745
<i>plus</i>				
Adjustment resulting from asset allocation—year ended 2011				25
<b>Works under construction—year ended 2011</b>			5,479	1,022
<i>plus</i>				
Capital expenditure—year ended 2012		29,422		20,432
<i>less</i>				
Assets commissioned—year ended 2012		33,334		20,664
<i>plus</i>				
Adjustment resulting from asset allocation—year ended 2012				(83)
<b>Works under construction—year ended 2012</b>			<b>1,567</b>	<b>707</b>



Company Name **Vector - gas distribution business**  
 For Year Ended **30 June 2013**

**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. GDBs 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 2.8.

sch ref

	(\$000)	(\$000)
<b>6a(i): Expenditure on Assets</b>		
Consumer connection		10,322
System growth		649
Asset replacement and renewal		9,933
Asset relocations		1,215
Reliability, safety and environment:		
Quality of supply	425	
Legislative and regulatory	-	
Other reliability, safety and environment	20	
<b>Total reliability, safety and environment</b>		445
<b>Expenditure on network assets</b>		22,564
Non-network assets		1,763
<b>Expenditure on assets</b>		24,327
plus Cost of financing		50
less Value of capital contributions		3,467
plus Value of vested assets		-
<b>Capital expenditure</b>		20,910
<b>6a(ii): Subcomponents of Expenditure on Assets (where known)</b>		(\$000)
Research and development		
<b>6a(iii): Consumer Connection</b>		
<i>Consumer types defined by GDB*</i>	(\$000)	(\$000)
<i>* include additional rows if needed</i>		
<b>Consumer connection expenditure</b>		-
less Capital contributions funding consumer connection expenditure		
<b>Consumer connection less capital contributions</b>		-
<b>6a(iv): System Growth and Asset Replacement and Renewal</b>		
	System Growth (\$000)	Asset Replacement and Renewal (\$000)
<b>Intermediate pressure</b>		
Main pipe		
Service pipe		
Stations		
Line valve		
Special crossings		
<b>Intermediate pressure - total</b>	-	-
<b>Medium pressure</b>		
Main pipe		
Service pipe		
Stations		
Line valve		
Special crossings		
<b>Medium pressure - total</b>	-	-
<b>Low pressure</b>		
Main pipe		
Service pipe		
Line valve		
Special crossings		
<b>Low pressure - total</b>	-	-
<b>Other network assets</b>		
Monitoring and control systems		
Cathodic protection systems		
Other		
<b>Other network assets - total</b>	-	-
<b>System growth and asset replacement and renewal expenditure</b>	-	-
less Capital contributions funding system growth and asset replacement and renewal		
<b>System growth and asset replacement and renewal less capital contributions</b>	-	-
<b>6a(v): Asset Relocations</b>		
<i>Project or programme*</i>	(\$000)	(\$000)
[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]		
<i>* include additional rows if needed</i>		
All other asset relocations projects or programmes		

Company Name **Vector - gas distribution business**  
 For Year Ended **30 June 2013**

**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. GDBs 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 2.8.

sch ref				
88	<b>Asset relocations expenditure</b>			
89	less Capital contributions funding asset relocations			
90	<b>Asset relocations less capital contributions</b>			
91	<b>6a(vi): Quality of Supply</b>			
92	Project or programme*		(\$000)	(\$000)
93	[Description of material project or programme]			
94	[Description of material project or programme]			
95	[Description of material project or programme]			
96	[Description of material project or programme]			
97	[Description of material project or programme]			
98	* include additional rows if needed			
99	All other quality of supply projects or programmes			
100	<b>Quality of supply expenditure</b>			
101	less Capital contributions funding quality of supply			
102	<b>Quality of supply less capital contributions</b>			
110	<b>6a(vii): Legislative and Regulatory</b>			
111	Project or programme*		(\$000)	(\$000)
112	[Description of material project or programme]			
113	[Description of material project or programme]			
114	[Description of material project or programme]			
115	[Description of material project or programme]			
116	[Description of material project or programme]			
117	* include additional rows if needed			
118	All other legislative and regulatory projects or programmes			
119	<b>Legislative and regulatory expenditure</b>			
120	less Capital contributions funding legislative and regulatory			
121	<b>Legislative and regulatory less capital contributions</b>			
122				
123	<b>6a(viii): Other Reliability, Safety and Environment</b>			
124	Project or programme*		(\$000)	(\$000)
125	[Description of material project or programme]			
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	* include additional rows if needed			
131	All other reliability, safety and environment projects or programmes			
132	<b>Other reliability, safety and environment expenditure</b>			
133	less Capital contributions funding other reliability, safety and environment			
134	<b>Other reliability, safety and environment less capital contributions</b>			
135	<b>6a(ix): Non-Network Assets</b>			
136	<b>Routine expenditure</b>			
137	Project or programme*		(\$000)	(\$000)
138	[Description of material project or programme]			
139	[Description of material project or programme]			
140	[Description of material project or programme]			
141	[Description of material project or programme]			
142	[Description of material project or programme]			
143	* include additional rows if needed			
144	All other routine expenditure projects or programmes			
145	<b>Routine expenditure</b>			
146	<b>Atypical expenditure</b>			
147	Project or programme*		(\$000)	(\$000)
148	[Description of material project or programme]			
149	[Description of material project or programme]			
150	[Description of material project or programme]			
151	[Description of material project or programme]			
152	[Description of material project or programme]			
153	* include additional rows if needed			
154	All other atypical expenditure projects or programmes			
155	<b>Atypical expenditure</b>			
156				
157	<b>Non-network assets expenditure</b>			

Company Name

Vector - gas distribution business

For Year Ended

30 June 2013

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

This schedule requires a breakdown of operating 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 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*

		(\$000)	(\$000)
7	<b>6b(i): Operational Expenditure</b>		
8	Service interruptions, incidents and emergencies	3,966	
9	Routine and corrective maintenance and inspection	3,978	
10	Asset replacement and renewal	-	
11	<b>Network opex</b>		7,944
12	System operations and network support	3,692	
13	Business support	6,021	
14	<b>Non-network opex</b>		9,713
15			
16	<b>Operational expenditure</b>		17,657
17	<b>6b(ii): Subcomponents of Operational Expenditure (where known)</b>		
18	Research and development		-
19	Insurance		225

Company Name	<b>Vector - gas distribution business</b>
For Year Ended	<b>30 June 2013</b>

**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 ref

8	<b>7(i): Revenue</b>	Target (\$000) <sup>1</sup>	Actual (\$000)	% variance
9	Line charge revenue	89,900	86,508	(4%)

10	<b>7(ii): Expenditure on Assets</b>	Forecast (\$000) <sup>2</sup>	Actual (\$000)	% variance
11	Consumer connection		10,322	-
12	System growth		649	-
13	Asset replacement and renewal		9,933	-
14	Asset relocations		1,215	-
15	Reliability, safety and environment:			
16	Quality of supply		425	-
17	Legislative and regulatory		-	-
18	Other reliability, safety and environment		20	-
19	<b>Total reliability, safety and environment</b>	-	445	-
	<b>Expenditure on network assets</b>	20,865	22,564	8%
21	Non-network capex		1,763	-
22	<b>Expenditure on assets</b>		24,327	-

23	<b>7(iii): Operational Expenditure</b>			
24	Service interruptions, incidents and emergencies		3,966	-
25	Routine and corrective maintenance and inspection		3,978	-
26	Asset replacement and renewal		-	-
27	<b>Network opex</b>	-	7,944	-
28	System operations and network support		3,692	-
29	Business support		6,021	-
30	<b>Non-network opex</b>	-	9,713	-
31	<b>Operational expenditure</b>	23,949	17,657	(26%)

32	<b>7(iv): Subcomponents of Expenditure on Assets (where known)</b>			
33	Research and development		-	-

34	<b>7(v): Subcomponents of Operational Expenditure (where known)</b>			
35	Research and development		-	-
36	Insurance		225	-

37 <sup>1</sup> From the nominal dollar target revenue for the disclosure year disclosed under clause 2.4.3(3) of the Determination

38 <sup>2</sup> From the nominal dollar expenditure forecast and disclosed in the second to last AMP as the year CY+1 forecast

Company Name	Vector - gas distribution business
For Year Ended	30 June 2013
Network / Sub-Network Name	Combined

**SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES**

This schedule requires the billed quantities and associated line charge revenues for the disclosure year for each consumer group or price category code used by the GDB in its pricing schedules. Information is also required on the number of ICPS that are included in each consumer group or price category code, and the energy delivered to these ICPS.

sch ref

**8(i): Billed quantities by price component**

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

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 to ICPS (TJ per annum) in disclosure year
GA0R	Residential	Standard	86,473	2,183
GA01	Commercial	Standard	2,250	203
GA02	Commercial	Standard	2,408	780
GA03	Commercial	Standard	848	1,738
GA04	Commercial	Standard	125	1,387
GN0R	Residential	Standard	59,768	1,327
GN01	Commercial	Standard	2,106	162
GN02	Commercial	Standard	1,314	397
GN03	Commercial	Standard	493	681
GN04	Commercial	Standard	42	288
Non-standard	Commercial	Non-standard	150	12,254
Standard consumer totals			155,827	9,146
Non-standard consumer totals			150	12,254
Total for all consumers			155,977	21,400

Add extra rows for additional consumer groups or price category codes as necessary

Billed quantities by price component		Add extra columns for additional billed quantities by price component as necessary		
Price component	Fixed	Variable		
Unit charging basis (eg, days, GJ, etc.)	days	kWh		
	31,519,217	606,297,006		
	818,204	56,512,306		
	878,099	216,612,858		
	309,353	482,642,619		
	45,518	385,361,561		
	21,767,042	368,655,286		
	768,735	45,018,371		
	478,067	110,408,323		
	179,878	189,073,728		
	14,838	79,935,760		
	52,308	3,403,894,939		
	56,778,951	2,540,517,818		
	52,308	3,403,894,939		
	56,831,259	5,944,412,757	-	-

**8(ii): Line charge revenues (\$000) by price component**

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

Consumer group name or price category code	Consumer type or types (eg, residential, commercial, etc.)	Standard or non-standard consumer group (specify)	Total line charge revenue in disclosure year	Notional revenue foregone (if applicable)
GA0R	Residential	Standard	\$27,690	
GA01	Commercial	Standard	\$1,963	
GA02	Commercial	Standard	\$5,724	
GA03	Commercial	Standard	\$7,396	
GA04	Commercial	Standard	\$4,454	
GN0R	Residential	Standard	\$17,754	
GN01	Commercial	Standard	\$1,588	
GN02	Commercial	Standard	\$3,346	
GN03	Commercial	Standard	\$4,932	
GN04	Commercial	Standard	\$1,532	
Non-standard	Commercial	Non-standard	\$10,129	
		[Select one]	-	
Standard consumer totals			\$76,379	
Non-standard consumer totals			\$10,129	
Total for all consumers			\$86,508	

Add extra rows for additional consumer groups or price category codes as necessary

Line charge revenues by price component		Add extra columns for additional line charge revenues by price component as necessary		
Price component	Fixed	Variable		
Rate (eg, \$/day, \$/GJ, etc.)	\$/day	\$/kWh		
	\$8,098	\$19,592		
	\$307	\$1,656		
	\$1,173	\$4,551		
	\$1,195	\$6,201		
	\$524	\$3,930		
	\$5,474	\$12,280		
	\$260	\$1,328		
	\$232	\$3,114		
	\$578	\$4,354		
	\$150	\$1,382		
	\$5,939	\$4,190		
	\$17,991	\$58,388		
	\$5,939	\$4,190		
	\$23,930	\$62,578	-	-





Company Name	Vector - gas distribution business
For Year Ended	30 June 2013
Network / Sub-Network Name	Auckland

**SCHEDULE 8: REPORT ON BILLED QUANTITIES AND LINE CHARGE REVENUES**

This schedule requires the billed quantities and associated line charge revenues for the disclosure year for each consumer group or price category code used by the GDB in its pricing schedules. Information is also required on the number of ICPs that are included in each consumer group or price category code, and the energy delivered to these ICPs.

sch ref

8(i): Billed quantities by price component					Billed quantities by price component				
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 to ICPs (TJ per annum) in disclosure year	Price component		Unit charging basis (eg, days, GJ, etc.)		
					Fixed	Variable	days	kWh	
GA0R	Residential	Standard	86,473	2,183	31,519,217	606,297,006			
GA01	Commercial	Standard	2,250	203	818,204	56,512,306			
GA02	Commercial	Standard	2,408	780	878,099	216,612,858			
GA03	Commercial	Standard	848	1,738	309,353	482,642,619			
GA04	Commercial	Standard	125	1,387	45,518	385,361,561			
Non-standard	Commercial	Non-standard	74	5,673	26,663	1,575,853,740			
		(Select one)							
		(Select one)							
		(Select one)							
		(Select one)							
		(Select one)							
		(Select one)							
		(Select one)							
<i>Add extra rows for additional consumer groups or price category codes as necessary</i>									
		<b>Standard consumer totals</b>	92,104	6,291	33,570,391	1,747,426,350			
		<b>Non-standard consumer totals</b>	74	5,673	26,663	1,575,853,740			
		<b>Total for all consumers</b>	92,178	11,964	33,597,054	3,323,280,090	-	-	-

*Add extra columns for additional billed quantities by price component as necessary*

8(ii): Line charge revenues (\$000) by price component					Line charge revenues by price component				
Consumer group name or price category code	Consumer type or types (eg, residential, commercial, etc.)	Standard or non-standard consumer group (specify)	Total line charge revenue in disclosure year	Notional revenue foregone (if applicable)	Price component		Rate (eg, \$/day, \$/GJ, etc.)		
					Fixed	Variable	\$/day	\$/kWh	
GA0R	Residential	Standard	\$27,690		\$8,098	\$19,592			
GA01	Commercial	Standard	\$1,963		\$307	\$1,656			
GA02	Commercial	Standard	\$5,724		\$1,173	\$4,551			
GA03	Commercial	Standard	\$7,396		\$1,195	\$6,201			
GA04	Commercial	Standard	\$4,454		\$524	\$3,930			
Non-standard	Commercial	Non-standard	\$5,451		\$2,676	\$2,775			
		(Select one)	-						
		(Select one)	-						
		(Select one)	-						
		(Select one)	-						
		(Select one)	-						
		(Select one)	-						
		(Select one)	-						
		(Select one)	-						
<i>Add extra rows for additional consumer groups or price category codes as necessary</i>									
		<b>Standard consumer totals</b>	\$47,227		\$11,297	\$35,930			
		<b>Non-standard consumer totals</b>	\$5,451		\$2,676	\$2,775			
		<b>Total for all consumers</b>	\$52,678		\$13,973	\$38,705	-	-	-

*Add extra columns for additional line charge revenues by price component as necessary*

Company Name **Vector - gas distribution business**

For Year Ended **30 June 2013**

Network / Sub-network Name **Combined**

**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

8	Operating Pressure	Asset Category	Asset Class	Units	Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy (1-4)
9	Intermediate Pressure	Main pipe	IP PE main pipe	km	0 km	0 km	-	N/A
10	Intermediate Pressure	Main pipe	IP steel main pipe	km	407 km	404 km	(3)	4
11	Intermediate Pressure	Main pipe	IP other main pipe	km	0 km	0 km	-	N/A
12	Intermediate Pressure	Service pipe	IP PE service pipe	km	0 km	0 km	-	N/A
13	Intermediate Pressure	Service pipe	IP steel service pipe	km	8 km	8 km	(0)	3
14	Intermediate Pressure	Service pipe	IP other service pipe	km	0 km	0 km	-	N/A
15	Intermediate Pressure	Stations	Intermediate pressure DRS	No.	206	206	-	4
16	Intermediate Pressure	Line valve	IP line valves	No.	873	892	19	3
17	Intermediate Pressure	Special crossings	IP crossings	No.	44	44	-	3
18	Medium Pressure	Main pipe	MP PE main pipe	km	6,133 km	6,241 km	108	4
19	Medium Pressure	Main pipe	MP steel main pipe	km	367 km	366 km	(1)	4
20	Medium Pressure	Main pipe	MP other main pipe	km	2 km	2 km	(0)	4
21	Medium Pressure	Service pipe	MP PE service pipe	km	3,205 km	3,275 km	69	3
22	Medium Pressure	Service pipe	MP steel service pipe	km	47 km	46 km	(0)	3
23	Medium Pressure	Service pipe	MP other service pipe	km	5 km	5 km	(0)	3
24	Medium Pressure	Stations	Medium pressure DRS	No.	275	284	9	4
25	Medium Pressure	Line valve	MP line valves	No.	3,772	3,858	86	3
26	Medium Pressure	Special crossings	MP special crossings	No.	99	102	3	3
27	Low Pressure	Main pipe	LP PE main pipe	km	47 km	46 km	(1)	3
28	Low Pressure	Main pipe	LP steel main pipe	km	23 km	11 km	(11)	3
29	Low Pressure	Main pipe	LP other main pipe	km	39 km	19 km	(21)	3
30	Low Pressure	Service pipe	LP PE service pipe	km	64 km	49 km	(15)	3
31	Low Pressure	Service pipe	LP steel service pipe	km	14 km	7 km	(6)	3
32	Low Pressure	Service pipe	LP other service pipe	km	0 km	0 km	(0)	3
33	Low Pressure	Line valve	LP line valves	No.	41	34	(7)	3
34	Low Pressure	Special crossings	LP special crossings	No.	1	1	-	3
35	All	Monitoring & control systems	Remote terminal units	No.	65	66	1	4
36	All	Cathodic protection systems	Cathodic protection	No.	53	53	-	3

Company Name

Vector - gas distribution business

For Year Ended

30 June 2013

Network / Sub-network Name

North Island

### 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

8	Operating Pressure	Asset Category	Asset Class	Units	Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy (1-4)
9	Intermediate Pressure	Main pipe	IP PE main pipe	km	0 km	0 km	-	N/A
10	Intermediate Pressure	Main pipe	IP steel main pipe	km	197 km	194 km	(3)	4
11	Intermediate Pressure	Main pipe	IP other main pipe	km	0 km	0 km	-	N/A
12	Intermediate Pressure	Service pipe	IP PE service pipe	km	0 km	0 km	-	N/A
13	Intermediate Pressure	Service pipe	IP steel service pipe	km	2 km	2 km	(0)	3
14	Intermediate Pressure	Service pipe	IP other service pipe	km	0 km	0 km	-	N/A
15	Intermediate Pressure	Stations	Intermediate pressure DRS	No.	112	112	-	4
16	Intermediate Pressure	Line valve	IP line valves	No.	225	227	2	3
17	Intermediate Pressure	Special crossings	IP crossings	No.	25	25	-	3
18	Medium Pressure	Main pipe	MP PE main pipe	km	2,930 km	2,974 km	44	4
19	Medium Pressure	Main pipe	MP steel main pipe	km	152 km	152 km	(0)	4
20	Medium Pressure	Main pipe	MP other main pipe	km	0 km	0 km	-	4
21	Medium Pressure	Service pipe	MP PE service pipe	km	1,317 km	1,338 km	21	3
22	Medium Pressure	Service pipe	MP steel service pipe	km	17 km	17 km	(0)	3
23	Medium Pressure	Service pipe	MP other service pipe	km	1 km	1 km	-	3
24	Medium Pressure	Stations	Medium pressure DRS	No.	18	25	7	4
25	Medium Pressure	Line valve	MP line valves	No.	1,054	1,085	31	3
26	Medium Pressure	Special crossings	MP special crossings	No.	45	46	1	3
27	Low Pressure	Main pipe	LP PE main pipe	km	41 km	41 km	(0)	3
28	Low Pressure	Main pipe	LP steel main pipe	km	20 km	8 km	(11)	3
29	Low Pressure	Main pipe	LP other main pipe	km	0 km	0 km	-	3
30	Low Pressure	Service pipe	LP PE service pipe	km	39 km	36 km	(2)	3
31	Low Pressure	Service pipe	LP steel service pipe	km	5 km	2 km	(3)	3
32	Low Pressure	Service pipe	LP other service pipe	km	0 km	0 km	(0)	3
33	Low Pressure	Line valve	LP line valves	No.	13	12	(1)	3
34	Low Pressure	Special crossings	LP special crossings	No.	0	0	-	3
35	All	Monitoring & control systems	Remote terminal units	No.	0	1	1	4
36	All	Cathodic protection systems	Cathodic protection	No.	38	38	-	3

Company Name

Vector - gas distribution business

For Year Ended

30 June 2013

Network / Sub-network Name

Auckland

### 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

8	Operating Pressure	Asset Category	Asset Class	Units	Items at start of year (quantity)	Items at end of year (quantity)	Net change	Data accuracy (1-4)
9	Intermediate Pressure	Main pipe	IP PE main pipe	km	0 km	0 km	-	N/A
10	Intermediate Pressure	Main pipe	IP steel main pipe	km	209 km	209 km	0	4
11	Intermediate Pressure	Main pipe	IP other main pipe	km	0 km	0 km	-	N/A
12	Intermediate Pressure	Service pipe	IP PE service pipe	km	0 km	0 km	-	N/A
13	Intermediate Pressure	Service pipe	IP steel service pipe	km	7 km	6 km	(0)	3
14	Intermediate Pressure	Service pipe	IP other service pipe	km	0 km	0 km	-	N/A
15	Intermediate Pressure	Stations	Intermediate pressure DRS	No.	94	94	-	4
16	Intermediate Pressure	Line valve	IP line valves	No.	648	665	17	3
17	Intermediate Pressure	Special crossings	IP crossings	No.	19	19	-	3
18	Medium Pressure	Main pipe	MP PE main pipe	km	3,204 km	3,267 km	63	4
19	Medium Pressure	Main pipe	MP steel main pipe	km	215 km	214 km	(1)	4
20	Medium Pressure	Main pipe	MP other main pipe	km	2 km	2 km	(0)	4
21	Medium Pressure	Service pipe	MP PE service pipe	km	1,889 km	1,937 km	48	3
22	Medium Pressure	Service pipe	MP steel service pipe	km	30 km	29 km	(0)	3
23	Medium Pressure	Service pipe	MP other service pipe	km	4 km	4 km	(0)	3
24	Medium Pressure	Stations	Medium pressure DRS	No.	257	259	2	4
25	Medium Pressure	Line valve	MP line valves	No.	2,718	2,773	55	3
26	Medium Pressure	Special crossings	MP special crossings	No.	54	56	2	3
27	Low Pressure	Main pipe	LP PE main pipe	km	6 km	5 km	(1)	3
28	Low Pressure	Main pipe	LP steel main pipe	km	3 km	3 km	(0)	3
29	Low Pressure	Main pipe	LP other main pipe	km	39 km	19 km	(21)	3
30	Low Pressure	Service pipe	LP PE service pipe	km	25 km	13 km	(12)	3
31	Low Pressure	Service pipe	LP steel service pipe	km	8 km	5 km	(4)	3
32	Low Pressure	Service pipe	LP other service pipe	km	0 km	0 km	(0)	3
33	Low Pressure	Line valve	LP line valves	No.	28	22	(6)	3
34	Low Pressure	Special crossings	LP special crossings	No.	1	1	-	3
35	All	Monitoring & control systems	Remote terminal units	No.	65	65	-	4
36	All	Cathodic protection systems	Cathodic protection	No.	15	15	-	3

Company Name	Vector - gas distribution business
For Year Ended	30 June 2013
Network / Sub-network Name	Combined

**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

8	Disclosure Year (year ended)		30 June 2013		Number of assets at disclosure year end by installation date																	Total							
	Operating Pressure	Asset Category	Asset Class	Units	1970	1975	1980	1985-	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	No. with age unknown	assets at year end	No. with default dates	Data accuracy (1-4)	
					pre-1970	-1974	-1979	-1984	1989	-1994	-1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013				
9	Intermediate Pressure	Main pipe	IP PE main pipe	km																									
10	Intermediate Pressure	Main pipe	IP steel main pipe	km	48 km	31 km	5 km	95 km	122 km	22 km	49 km	25 km	0 km	1 km	0 km	0 km	1 km	1 km	1 km	0 km	0 km	1 km	0 km	1 km	0 km	1 km	0 km	0 km	0 km
11	Intermediate Pressure	Main pipe	IP other main pipe	km																									
12	Intermediate Pressure	Service pipe	IP PE service pipe	km																									
13	Intermediate Pressure	Service pipe	IP steel service pipe	km	0 km	0 km	0 km	1 km	2 km	2 km	2 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	
14	Intermediate Pressure	Service pipe	IP other service pipe	km																									
15	Intermediate Pressure	Stations	Intermediate pressure DRS	No.	12	6	9	53	53	21	16	4	2	5	2	1	2	3	3	2	1	4	2	5	206		2		
16	Intermediate Pressure	Line valve	IP line valves	No.	62	55	22	115	265	125	73	18	10	5	7	14	8	10	11	5	8	11	20	31	892		2		
17	Intermediate Pressure	Special crossings	IP crossings	No.	4	1	1	11	15	1	6	1				1		1			1		1		44		3		
18	Medium Pressure	Main pipe	MP PE main pipe	km	14 km	25 km	173 km	248 km	890 km	1,048 km	1,912 km	246 km	148 km	124 km	192 km	175 km	190 km	176 km	160 km	132 km	72 km	63 km	71 km	76 km	103 km	3 km	6,241		3
19	Medium Pressure	Main pipe	MP steel main pipe	km	19 km	117 km	44 km	92 km	80 km	5 km	5 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km
20	Medium Pressure	Main pipe	MP other main pipe	km	1 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km
21	Medium Pressure	Service pipe	MP PE service pipe	km	4 km	22 km	99 km	74 km	236 km	552 km	913 km	148 km	99 km	96 km	123 km	138 km	116 km	119 km	109 km	91 km	55 km	62 km	81 km	68 km	69 km	1 km	3,275		3
22	Medium Pressure	Service pipe	MP steel service pipe	km	2 km	15 km	3 km	8 km	8 km	4 km	5 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km
23	Medium Pressure	Service pipe	MP other service pipe	km	0 km	1 km	0 km	0 km	3 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km
24	Medium Pressure	Stations	Medium pressure DRS	No.	2	7	5	16	78	94	27	1	1	15	8	2	1	5	3	1	2	2	1	7	2	284		3	
25	Medium Pressure	Line valve	MP line valves	No.	57	291	244	933	830	479	300	50	44	41	33	39	63	42	39	38	46	27	49	59	64	90	3,858		2
26	Medium Pressure	Special crossings	MP special crossings	No.		2	2	17	30	15	15	5	1		2		3	2	1		3	1				102		3	
27	Low Pressure	Main pipe	LP PE main pipe	km	0 km	2 km	21 km	2 km	4 km	4 km	3 km	1 km	0 km	0 km	1 km	0 km	0 km	0 km	0 km	0 km	0 km	1 km	0 km	0 km	0 km	0 km	46		3
28	Low Pressure	Main pipe	LP steel main pipe	km	3 km	7 km	1 km	0 km	0 km	0 km	0 km	0 km		0 km											0 km	0 km	11		3
29	Low Pressure	Main pipe	LP other main pipe	km	17 km	0 km		0 km			0 km					1 km					0 km			0 km		1 km	19		2
30	Low Pressure	Service pipe	LP PE service pipe	km	0 km	2 km	9 km	5 km	6 km	6 km	8 km	1 km	1 km	1 km	1 km	1 km	1 km	1 km	1 km	1 km	0 km	0 km	1 km	1 km	1 km	0 km	49		3
31	Low Pressure	Service pipe	LP steel service pipe	km	1 km	3 km	0 km	1 km	1 km	0 km	0 km			0 km	0 km	0 km				0 km					0 km	0 km	7		3
32	Low Pressure	Service pipe	LP other service pipe	km	0 km		0 km		0 km		0 km															0		0	3
33	Low Pressure	Line valve	LP line valves	No.		1	4	5	4	3	2											2				8	34		2
34	Low Pressure	Special crossings	LP special crossings	No.																						1	1		4
35	All	Monitoring & control systems	Remote terminal units	No.						32	1	1	1			4	1	19	3	2			1			66		4	
36	All	Cathodic protection systems	Cathodic protection	No.	1	2	2	10	21	8		3	2			1										1	1		1
37																										53		3	

Company Name	Vector - gas distribution business
For Year Ended	30 June 2013
Network / Sub-network Name	North Island

**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

sch ref	Operating Pressure	Asset Category	Asset Class	Units	Number of assets at disclosure year end by installation date																	Total														
					pre-1970	1970	1975	1980	1985-	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	No. with age unknown	assets at year end	No. with default dates	Data accuracy (1-4)							
						-1974	-1979	-1984	1989	-1994	-1999																									
8																																				
9	Intermediate Pressure	Main pipe	IP PE main pipe	km																																
10	Intermediate Pressure	Main pipe	IP steel main pipe	km	1 km	16 km	1 km	79 km	70 km	10 km	15 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	1 km	0 km	0 km	194	3			
11	Intermediate Pressure	Main pipe	IP other main pipe	km																																
12	Intermediate Pressure	Service pipe	IP PE service pipe	km																																
13	Intermediate Pressure	Service pipe	IP steel service pipe	km	0 km	0 km	0 km	1 km	1 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	2	3	
14	Intermediate Pressure	Service pipe	IP other service pipe	km																																
15	Intermediate Pressure	Stations	Intermediate pressure DRS	No.	1	1	1	35	43	10	2		1	2	4	1	2				1	3					5	112					2			
16	Intermediate Pressure	Line valve	IP line valves	No.		13	4	49	76	21	10	3	2	1	1	6	8	2	6	4	1	1	5	11	3											
17	Intermediate Pressure	Special crossings	IP crossings	No.		1	1	10	8	1	3																									
18	Medium Pressure	Main pipe	MP PE main pipe	km	0 km	22 km	152 km	187 km	714 km	539 km	525 km	98 km	62 km	68 km	73 km	92 km	96 km	59 km	68 km	75 km	36 km	23 km	17 km	25 km	42 km		1 km	2,974						3		
19	Medium Pressure	Main pipe	MP steel main pipe	km	8 km	93 km	30 km	16 km	5 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km										
20	Medium Pressure	Main pipe	MP other main pipe	km																																
21	Medium Pressure	Service pipe	MP PE service pipe	km	0 km	21 km	97 km	68 km	174 km	223 km	255 km	64 km	47 km	42 km	48 km	48 km	41 km	42 km	38 km	33 km	20 km	20 km	20 km	17 km	20 km		0 km	1,338							3	
22	Medium Pressure	Service pipe	MP steel service pipe	km	0 km	14 km	1 km	1 km	0 km	0 km	0 km				0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km										3
23	Medium Pressure	Service pipe	MP other service pipe	km		1 km	0 km					0 km										0 km														3
24	Medium Pressure	Stations	Medium pressure DRS	No.		4	1	2	2	1	2					1	1					2		6	3											3
25	Medium Pressure	Line valve	MP line valves	No.	11	195	124	262	149	51	56	10	8	27	12	17	25	2	13	11	15	14	15	32	25		11	1,085							2	
26	Medium Pressure	Special crossings	MP special crossings	No.		1		9	18	7	5	1	1			2		1																		1
27	Low Pressure	Main pipe	LP PE main pipe	km		2 km	21 km	2 km	3 km	4 km	2 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km	0 km										3
28	Low Pressure	Main pipe	LP steel main pipe	km	1 km	7 km	1 km	0 km		0 km																										3
29	Low Pressure	Main pipe	LP other main pipe	km		0 km																														2
30	Low Pressure	Service pipe	LP PE service pipe	km	0 km	2 km	9 km	5 km	4 km	4 km	4 km	0 km	1 km	0 km	0 km	0 km	0 km	0 km	1 km	1 km	0 km	0 km	0 km	0 km	1 km	2 km		0 km	36						3	
31	Low Pressure	Service pipe	LP steel service pipe	km	0 km	2 km	0 km	0 km	0 km	0 km																										3
32	Low Pressure	Service pipe	LP other service pipe	km																																N/A
33	Low Pressure	Line valve	LP line valves	No.		1		2		1																5		3	12						2	
34	Low Pressure	Special crossings	LP special crossings	No.																																N/A
35	All	Monitoring & control systems	Remote terminal units	No.																																4
36	All	Cathodic protection systems	Cathodic protection	No.		1		6	18	8		1	1																							3
37				No.																																

Company Name	Vector - gas distribution business
For Year Ended	30 June 2013
Network / Sub-network Name	Auckland

**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	8	Disclosure Year (year ended)		Number of assets at disclosure year end by installation date																				Total							
		30 June 2013																						No. with age unknown	assets at year end	No. with default dates	Data accuracy (1-4)				
		Operating Pressure	Asset Category	Asset Class	Units	pre-1970	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					
9		Intermediate Pressure	Main pipe	IP PE main pipe	km																										
10		Intermediate Pressure	Main pipe	IP steel main pipe	km	47	14	4	16	52	13	35	25	0	1	0	0	0	0	0	0	0	0	0	0	0		209		3	
11		Intermediate Pressure	Main pipe	IP other main pipe	km																									N/A	
12		Intermediate Pressure	Service pipe	IP PE service pipe	km																									N/A	
13		Intermediate Pressure	Service pipe	IP steel service pipe	km	0	0	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0		6		3	
14		Intermediate Pressure	Service pipe	IP other service pipe	km																									N/A	
15		Intermediate Pressure	Stations	Intermediate pressure DRS	No.	11	5	8	18	10	11	14		3		1	1	2	3		1	2			1		94		2		
16		Intermediate Pressure	Line valve	IP line valves	No.	62	42	18	66	189	104	63	15	8	4	6	1	6	6	4	7	4	7	6	9	7		31	665		2
17		Intermediate Pressure	Special crossings	IP crossings	No.	4			1	7											1				1		19		3		
18		Medium Pressure	Main pipe	MP PE main pipe	km	14	3	20	61	176	509	1,387	148	87	56	119	83	94	117	91	57	35	40	55	50	61	2	2	3,267		3
19		Medium Pressure	Main pipe	MP steel main pipe	km	11	24	15	76	75	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	214		3
20		Medium Pressure	Main pipe	MP other main pipe	km	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		3
21		Medium Pressure	Service pipe	MP PE service pipe	km	4	1	2	6	62	328	659	84	52	55	75	90	75	76	71	58	35	42	61	50	49	1	1	1,937		3
22		Medium Pressure	Service pipe	MP steel service pipe	km	2	1	2	7	7	4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29		3
23		Medium Pressure	Service pipe	MP other service pipe	km	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		3
24		Medium Pressure	Stations	Medium pressure DRS	No.	2	3	4	14	76	93	25		1	1	15	7	5	3	1	1	1	1	1	2	1	2	2	259		3
25		Medium Pressure	Line valve	MP line valves	No.	46	96	120	671	681	428	244	40	36	14	21	22	38	40	26	27	31	13	34	27	39	79	79	2,773		2
26		Medium Pressure	Special crossings	MP special crossings	No.		1	2	8	12	8	10	4					3	1	1		3	1			2		56		3	
27		Low Pressure	Main pipe	LP PE main pipe	km	0	0		0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0			5		3
28		Low Pressure	Main pipe	LP steel main pipe	km	2	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		3
29		Low Pressure	Main pipe	LP other main pipe	km	17	0		0			0					1					0			0	0	1	1	19		2
30		Low Pressure	Service pipe	LP PE service pipe	km	0	0	0	0	2	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0			13		3
31		Low Pressure	Service pipe	LP steel service pipe	km	1	0	0	1	1	0	0	0				0	0	0	0	0	0	0	0	0	0	0	0	5		3
32		Low Pressure	Service pipe	LP other service pipe	km	0		0		0	0	0	0																0		3
33		Low Pressure	Line valve	LP line valves	No.			4	3	4	2	2													2		5	5	22		2
34		Low Pressure	Special crossings	LP special crossings	No.																				1				1		4
35		All	Monitoring & control systems	Remote terminal units	No.							32	1	1	1			4	1	19	3	2		1				65		4	
36		All	Cathodic protection systems	Cathodic protection	No.	1	1	2	4	3			2	1													1	1			3
37																													15		3

Company Name

**Vector - gas distribution business**

For Year Ended

**30 June 2013**

Network / Sub-network Name

**Combined**

**SCHEDULE 9c: REPORT ON PIPELINE DATA**

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

sch ref

**Network Information (end of year)**

Length of pipeline by material (defined by GDB)	Length (km)	%
STEEL	842	8.0%
PE	9,611	91.7%
OTHER	25	0.2%
		-
		-
		-
<b>Total length of pipeline</b>	<b>10,479</b>	<b>100.0%</b>

By operating pressure:	Pipe length (km) (at year end)	Weighted average pipe diameter (mm)	Number of ICPs (at year end)	Gas conveyed for
				Persons not involved in the GDB (TJ)
Intermediate pressure	412	128.8	207	5,412
Medium pressure	9,935	36.4	147,752	10,002
Low pressure	132	49.0	8,993	234
<b>Total</b>	<b>10,479</b>	<b>40.2</b>	<b>156,952</b>	<b>15,648</b>



Company Name

**Vector - gas distribution business**

For Year Ended

**30 June 2013**

Network / Sub-network Name

**North Island**

**SCHEDULE 9c: REPORT ON PIPELINE DATA**

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

sch ref

**Network Information (end of year)**

Length of pipeline by material (defined by GDB)	Length (km)	%
STEEL	375	7.9%
PE	4,389	92.1%
OTHER	1	0.0%
		-
		-
		-
<b>Total length of pipeline</b>	<b>4,766</b>	<b>100.0%</b>

By operating pressure:	Pipe length (km) (at year end)	Weighted average pipe diameter (mm)	Number of ICPs (at year end)	Gas conveyed for
				Persons not involved in the GDB (TJ)
Intermediate pressure	196	85.7	37	3,042
Medium pressure	4,481	35.3	62,146	53
Low pressure	88	38.3	1,926	3,149
<b>Total</b>	<b>4,766</b>	<b>37.4</b>	<b>64,109</b>	<b>6,244</b>

Company Name

**Vector - gas distribution business**

For Year Ended

**30 June 2013**

Network / Sub-network Name

**Auckland**

### SCHEDULE 9c: REPORT ON PIPELINE DATA

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

sch ref

#### Network Information (end of year)

Length of pipeline by material (defined by GDB)	Length (km)	%
STEEL	467	8.2%
PE	5,222	91.4%
OTHER	24	0.4%
		-
		-
		-
<b>Total length of pipeline</b>	<b>5,713</b>	<b>100.0%</b>

By operating pressure:	Pipe length (km) (at year end)	Weighted average pipe diameter (mm)	Number of ICPs (at year end)	Gas conveyed for
				Persons not involved in the GDB (TJ)
Intermediate pressure	216	167.9	170	2,375
Medium pressure	5,453	37.3	85,606	181
Low pressure	44	70.6	7,067	6,848
<b>Total</b>	<b>5,713</b>	<b>42.5</b>	<b>92,843</b>	<b>9,404</b>

Company Name **Vector - gas distribution business**

For Year Ended **30 June 2013**

Network / Sub-network Name **Combined**

**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

8		
9	<b>9d(i): Consumer Connections</b>	
10	Number of ICPs connected in year by consumer type	
11		
12		<b>Number of</b>
13	<i>Consumer types defined by GDB</i>	<b>connections (ICPs)</b>
14	Residential	3,114
15	Commercial	304
16		
17		
18	<b>Total</b>	<b>3,418</b>

19	<b>9d(ii): Gas Delivered</b>		
20			
21	Number of ICPs at year end	156,952	connections
22	Maximum daily load	85,671	(GJ/day)
23	Maximum monthly load	2,172,561	(GJ/month)
24	Number of directly billed ICPs	1	(at year end)
25	Total gas conveyed	21,589,120	(GJ/annum)
26	Average daily delivery	59,148	(GJ/day)
27			
28	Maximum monthly amount of gas entering network (GJ/month)	2,172,561	
29	Load factor	82.81%	

Company Name	Vector - gas distribution business
For Year Ended	30 June 2013
Network / Sub-network Name	North Island

**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

8			
9	<b>9d(i): Consumer Connections</b>		
10	Number of ICPs connected in year by consumer type		
11			
12			<b>Number of</b>
13	<i>Consumer types defined by GDB</i>		<b>connections (ICPs)</b>
14	Residential		1,144
15	Commercial		105
16			
17			
18		<b>Total</b>	1,249
19	<b>9d(ii): Gas Delivered</b>		
20			
21	Number of ICPs at year end	64,109	connections
22	Maximum daily load	37,694	(GJ/day)
23	Maximum monthly load	969,786	(GJ/month)
24	Number of directly billed ICPs	-	(at year end)
25	Total gas conveyed	9,440,788	(GJ/annum)
26	Average daily delivery	25,865	(GJ/day)
27			
28	Maximum monthly amount of gas entering network (GJ/month)	969,786	
29	Load factor	81.12%	

Company Name	Vector - gas distribution business
For Year Ended	30 June 2013
Network / Sub-network Name	Auckland

**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

8			
9	<b>9d(i): Consumer Connections</b>		
10	Number of ICPs connected in year by consumer type		
11			
12			<b>Number of</b>
13	<i>Consumer types defined by GDB</i>		<b>connections (ICPs)</b>
14	Residential		1,970
15	Commercial		199
16			
17			
18		<b>Total</b>	2,169
19	<b>9d(ii): Gas Delivered</b>		
20			
21	Number of ICPs at year end	92,843	connections
22	Maximum daily load	50,944	(GJ/day)
23	Maximum monthly load	1,294,334	(GJ/month)
24	Number of directly billed ICPs	1	(at year end)
25	Total gas conveyed	12,148,333	(GJ/annum)
26	Average daily delivery	33,283	(GJ/day)
27			
28	Maximum monthly amount of gas entering network (GJ/month)	1,294,334	
29	Load factor	78.21%	

Company Name	Vector - gas distribution business
For Year Ended	30 June 2013
Network / Sub-network Name	Combined

**SCHEDULE 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. GDBs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory Notes to Templates). The SAIDI and SAIFI 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

8	<b>10a(i): Interruptions</b>			
9	<b>Interruptions by class</b>			
10		<b>Actual</b>		
11	Class A (planned interruptions by GTB)			-
12	Class B (planned interruptions on the network)			2,622
13	Class C (unplanned interruptions on the network)			245
14	Class D (unplanned interruptions by GTB)			-
15	Class I (unplanned interruptions caused by third party damage)			423
16	<b>Total</b>			<b>3,290</b>
17	<b>Number of unplanned outage events (interruptions that affect more than 5 ICPs)</b>			
18		<b>Actual</b>		
19	Vector Region			13
20				
21				
22	<b>Number of unplanned outage events caused by third party damage (interruptions that affect more than 5 ICPs)</b>			
23		<b>Actual</b>		
24	Vector Region			10
25				
26				
27				
28	<b>10a(ii): Reliability</b>			
29	<b>Overall reliability</b>			
30	Based on the total number of interruptions	SAIDI	SAIFI	CAIDI
31	Class I (unplanned interruptions caused by third party damage)	5,090	22.8	223
32	Class B (planned interruptions on the network)	SAIDI	SAIFI	CAIDI
33	Vector Region	4,360	16.8	260
34				-
35				-
36				-
37				-
38	Class C (unplanned interruptions on the network)	SAIDI	SAIFI	CAIDI
39	Vector Region	290	1.74	167
40				-
41				-
42				-
43				-

Company Name	Vector - gas distribution business
For Year Ended	30 June 2013
Network / Sub-network Name	North Island

**SCHEDULE 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. GDBs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory Notes to Templates). The SAIDI and SAIFI 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

8	<b>10a(i): Interruptions</b>			
9	<b>Interruptions by class</b>			
10		<b>Actual</b>		
11	Class A (planned interruptions by GTB)			-
12	Class B (planned interruptions on the network)			860
13	Class C (unplanned interruptions on the network)			98
14	Class D (unplanned interruptions by GTB)			-
15	Class I (unplanned interruptions caused by third party damage)			191
16	<b>Total</b>			<b>1,149</b>
17	<b>Number of unplanned outage events (interruptions that affect more than 5 ICPs)</b>			
18		<b>Actual</b>		
19	North Island Region			8
20				
21				
22	<b>Number of unplanned outage events caused by third party damage (interruptions that affect more than 5 ICPs)</b>			
23		<b>Actual</b>		
24	North Island Region			6
25				
26				
27				
28	<b>10a(ii): Reliability</b>			
29	<b>Overall reliability</b>			
30	Based on the total number of interruptions	SAIDI	SAIFI	CAIDI
31	Class I (unplanned interruptions caused by third party damage)	4,950	20.5	241
32	Class B (planned interruptions on the network)	SAIDI	SAIFI	CAIDI
33	North Island Region	3,980	13.4	297
34				-
35				-
36				-
37				-
38	Class C (unplanned interruptions on the network)	SAIDI	SAIFI	CAIDI
39	North Island Region	530	2.01	264
40				-
41				-
42				-
43				-

Company Name	Vector - gas distribution business
For Year Ended	30 June 2013
Network / Sub-network Name	Auckland

**SCHEDULE 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. GDBs must provide explanatory comment on their network reliability for the disclosure year in Schedule 14 (Explanatory Notes to Templates). The SAIDI and SAIFI 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

8	<b>10a(i): Interruptions</b>			
9	<b>Interruptions by class</b>			
10		<b>Actual</b>		
11	Class A (planned interruptions by GTB)			-
12	Class B (planned interruptions on the network)			1,762
13	Class C (unplanned interruptions on the network)			147
14	Class D (unplanned interruptions by GTB)			-
15	Class I (unplanned interruptions caused by third party damage)			232
16	<b>Total</b>			<b>2,141</b>
17	<b>Number of unplanned outage events (interruptions that affect more than 5 ICPs)</b>			
18		<b>Actual</b>		
19	Auckland Region			5
20				
21				
22	<b>Number of unplanned outage events caused by third party damage (interruptions that affect more than 5 ICPs)</b>			
23		<b>Actual</b>		
24	Auckland Region			4
25				
26				
27				
28	<b>10a(ii): Reliability</b>			
29	<b>Overall reliability</b>			
30	Based on the total number of interruptions	SAIDI	SAIFI	CAIDI
31	Class I (unplanned interruptions caused by third party damage)	5,180	24.4	212
32	Class B (planned interruptions on the network)	430	3.73	115
33		SAIDI	SAIFI	CAIDI
34	Auckland Region	4,600	19.1	241
35				-
36				-
37				-
38	Class C (unplanned interruptions on the network)	SAIDI	SAIFI	CAIDI
39	Auckland Region	130	1.56	83
40				-
41				-
42				-
43				-



Company Name	Vector - gas distribution business
For Year Ended	30 June 2013
Network / Sub-network Name	Combined

**SCHEDULE 10b: REPORT ON NETWORK INTEGRITY AND CONSUMER SERVICE**

This schedule requires a summary of the key measures of network Integrity (gas escapes, response time to emergencies etc) for the disclosure year.

sch ref

8 **10b(i): System Condition and Integrity**

9 **Number of confirmed public reported gas escapes / total length of pipeline (escapes/1000 km)** Actual

10 Vector Region	45.8
11	
12	
13	
14	

15 **Number of leaks detected by routine survey / total length of pipeline (leaks/1000 km)** Actual

16 Vector Region	1.3
17	
18	
19	
20	

21 **Number of third party damage events / total length of pipeline (events/km)** Actual

22 Vector Region	57.3
23	
24	
25	
26	

27 **Number of poor pressure events due to network causes** Actual

28 Vector Region	3
29	
30	
31	
32	
33	

34 **Number of telephone calls to emergency numbers answered within 30 seconds / total number of calls** Actual

35 Vector Region	93.23%
36	
37	
38	
39	

40 **Product control—safety of distribution gas** Actual

41 Number of non-compliant odour tests	8
--	---

42 **10b(ii): Consumer Service**

43 **Response time to emergencies (RTE)**

	Proportion of emergencies responded to within 1 hour (%)	Proportion of emergencies responded to within 3 hours (%)	Average call response time (hours)	Number of emergencies
44 Vector Region	93.1%	100.0%	0.6	218
45				
46				
47				
48				

49 **Number of complaints** Actual

50 Number of complaints per average total consumer numbers	0.0010
--	--------

Company Name	Vector - gas distribution business
For Year Ended	30 June 2013
Network / Sub-network Name	North Island

**SCHEDULE 10b: REPORT ON NETWORK INTEGRITY AND CONSUMER SERVICE**

This schedule requires a summary of the key measures of network Integrity (gas escapes, response time to emergencies etc) for the disclosure year.

sch ref

8 **10b(i): System Condition and Integrity**

9 **Number of confirmed public reported gas escapes / total length of pipeline (escapes/1000 km)** Actual

10 North Island Region	50.2
11	
12	
13	
14	

15 **Number of leaks detected by routine survey / total length of pipeline (leaks/1000 km)** Actual

16 North Island Region	0.2
17	
18	
19	
20	

21 **Number of third party damage events / total length of pipeline (events/km)** Actual

22 North Island Region	59.2
23	
24	
25	
26	

27 **Number of poor pressure events due to network causes** Actual

28 North Island Region	1
29	
30	
31	
32	
33	

34 **Number of telephone calls to emergency numbers answered within 30 seconds / total number of calls** Actual

35 North Island Region	93.23%
36	
37	
38	
39	

40 **Product control—safety of distribution gas** Actual

41 Number of non-compliant odour tests	5
--	---

42 **10b(ii): Consumer Service**

43 **Response time to emergencies (RTE)**

	Proportion of emergencies responded to within 1 hour (%)	Proportion of emergencies responded to within 3 hours (%)	Average call response time (hours)	Number of emergencies
44 North Island Region	89.8%	100.0%	0.6	88
45				
46				
47				
48				

49 **Number of complaints** Actual

50 Number of complaints per average total consumer numbers	0.0005
--	--------

Company Name	Vector - gas distribution business
For Year Ended	30 June 2013
Network / Sub-network Name	Auckland

**SCHEDULE 10b: REPORT ON NETWORK INTEGRITY AND CONSUMER SERVICE**

This schedule requires a summary of the key measures of network Integrity (gas escapes, response time to emergencies etc) for the disclosure year.

sch ref

8 **10b(i): System Condition and Integrity**

9 **Number of confirmed public reported gas escapes / total length of pipeline (escapes/1000 km)** Actual

10 Auckland Region	42.6
11	
12	
13	
14	

15 **Number of leaks detected by routine survey / total length of pipeline (leaks/1000 km)** Actual

16 Auckland Region	2.3
17	
18	
19	
20	

21 **Number of third party damage events / total length of pipeline (events/km)** Actual

22 Auckland Region	56.2
23	
24	
25	
26	

27 **Number of poor pressure events due to network causes** Actual

28 Auckland Region	2
29	
30	
31	
32	
33	

34 **Number of telephone calls to emergency numbers answered within 30 seconds / total number of calls** Actual

35 Auckland Region	93.23%
36	
37	
38	
39	

40 **Product control—safety of distribution gas** Actual

41 Number of non-compliant odour tests	3
--	---

42 **10b(ii): Consumer Service**

43 **Response time to emergencies (RTE)**

	Proportion of emergencies responded to within 1 hour (%)	Proportion of emergencies responded to within 3 hours (%)	Average call response time (hours)	Number of emergencies
44 Auckland Region	95.4%	100.0%	0.6	130
45				
46				
47				
48				

49 **Number of complaints** Actual

50 Number of complaints per average total consumer numbers	0.0013
--	--------